

# 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 49963  
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.)

Water Resources  
Received  
**JAN 08 2018**  
11:17  
KS Dept Of Agriculture

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 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 208 acre-feet OR --- gallons per calendar year, to be diverted at a maximum rate of 800 gallons per minute OR 1.78 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) <input type="checkbox"/> Artificial Recharge | (b) <input checked="" type="checkbox"/> Irrigation     | (c) <input type="checkbox"/> Recreational       | (d) <input type="checkbox"/> Water Power      |
| (e) <input type="checkbox"/> Industrial          | (f) <input type="checkbox"/> Municipal                 | (g) <input type="checkbox"/> Stockwatering      | (h) <input type="checkbox"/> Sediment Control |
| (i) <input type="checkbox"/> Domestic            | (j) <input type="checkbox"/> Dewatering                | (k) <input type="checkbox"/> Hydraulic Dredging | (l) <input type="checkbox"/> Fire Protection  |
| (m) <input type="checkbox"/> Thermal Exchange    | (n) <input type="checkbox"/> 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>0</u>	Meets K.A.R. 5-3-1 <u>(YES)</u> NO	Use <u>IRR</u>
Code <u>252</u>	Fee \$ <u>500</u>	TR # _____	Source <u>(G)S</u> County <u>SG</u>
			By <u>AW</u> Date <u>1/2/18</u>
			Receipt Date <u>1/8/18</u> Check # <u>3315</u>

1/12/2018 LCM

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 **geographic center of a battery of 4 wells** in the --- quarter of the --- quarter of the NC NE quarter of Section 32, more particularly described as being near a point 3,920 feet North and 1,335 feet West of the Southeast corner of said section, in Township 29 South, Range 2 West, Sedgwick County, Kansas.
- (B) One in the SE quarter of the NW quarter of the NE quarter of Section 32, more particularly described as being near a point 4,120 feet North and 1,335 feet West of the Southeast corner of said section, in Township 29 South, Range 2 West, Sedgwick County, Kansas.
- (C) One in the NE quarter of the SW quarter of the NE quarter of Section 32, more particularly described as being near a point 3,920 feet North and 1,535 feet West of the Southeast corner of said section, in Township 29 South, Range 2 West, Sedgwick County, Kansas.
- (D) One in the NE quarter of the SW quarter of the NE quarter of Section 32, more particularly described as being near a point 3,720 feet North and 1,335 feet West of the Southeast corner of said section, in Township 29 South, Range 2 West, Sedgwick County, Kansas.
- (E) One in the NW quarter of the SE quarter of the NE quarter of Section 32, more particularly described as being near a point 3,920 feet North and 1,135 feet West of the Southeast corner of said section, in Township 29 South, Range 2 West, Sedgwick County, Kansas

Basin  
52

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):

Jo Ellen Greenlee, 608 Bently Dr, Lawrence KS 66049 1899 Carol Hager 1349 McLean, Wichita KS 67203  
(name, address and telephone number)

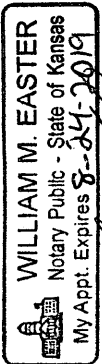
You must provide evidence of legal access to, or control of, the point of diversion from the landowner or the landowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document with this application. In lieu thereof, you may sign the following sworn statement:

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 January 4th, 2018. [Signature]  
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 a battery of four (4) wells and diversion system (number of wells, pumps or dams, etc.) and (will be) completed (by) AS soon as possible (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 6-1-18 (Mo/Day/Year)



[Signature]  
JANUARY 4, 2018

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KS Dept Of Agriculture

**IRRIGATION USE  
SUPPLEMENTAL SHEET**

File No. 49903

Name of Applicant (Please Print): John 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: ~~to Ellen Greenlee~~ Carol Hager

ADDRESS: 608 Bently Dr, Lawrence KS 66049-1899

S	T	R	NE¼				NW¼				SW¼				TOTAL	
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
32	29	2W	40	40	40	40										160

**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	

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.

None  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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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>12/18/17</u>	_____	_____	_____
Total depth of well	<u>40</u>	_____	_____	_____
Depth to water bearing formation	<u>19</u>	_____	_____	_____
Depth to static water level	<u>19</u>	_____	_____	_____
Depth to bottom of pump intake pipe	_____	_____	_____	_____

14. The relationship of the applicant to the proposed place where the water will be used is that of Tenant  
(owner, tenant, agent or otherwise)

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

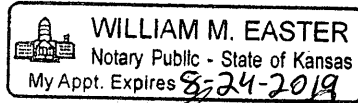
~~Jo Ellen Greenlee, 608 Bently Dr, Lawrence KS 66049-1899~~  
(name, address and telephone number)

Carol Hager 1349 N. McLean Wichita, KS 67203  
(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 4<sup>th</sup> day of January, 2018.  
(month) (year)

[Signature]  
(Applicant Signature)



[Signature]  
January 4<sup>th</sup>, 2018

By \_\_\_\_\_  
(Agent or Officer Signature)

\_\_\_\_\_  
(Agent or Officer - Please Print)

Assisted by EKFitch SFFO/ESII Date: 12/27/17  
(office/title)

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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
<u>Nalim loam</u>	<u>24.0</u>	_____	_____
<u>Elandco Silt loam</u>	<u>1.3</u>	_____	_____
<u>Elandco Silt loam (rarely flooded)</u>	<u>28.1</u>	_____	_____
<u>Bethany Silt loam</u>	<u>.1</u>	_____	_____
<u>Blanket Silt loam</u>	<u>46.5</u>	_____	_____
Total:	100.0%		

b. Estimate the average land slope in the field(s): 1-3 %

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: NO Tail water

ii. For sprinkler systems:

(1) Estimate the operating pressure at the distribution system: 29 psi

(2) What is the sprinkler package design rate? 450 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? 75 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.

SEE Attached

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# VALLEY | V-CHART

Valley Dealer

**SCK SEED AND IRR SERV L.L.C.**  
302 E 10th Ave  
Belle Plaine, KS 67013  
UNITED STATES

Customer

Dealer No.

00003406

Field Name

Parent Order No.  
Sprinkler Order No. **Cowley 1**  
  
**Plant Valley Systems/Parts**

Dealer PO  
Order Date **01/04/2018**  
Load Date **01/09/2018**  
Method Of Shipment **UPSG**

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6 Span Valley Standard Pivot 7000  
Machine Flow 450 (GPM)  
Pivot Pressure 29 (PSI)

KS Dept Of Agriculture

49963



Customer  
Field Name

**Valley Standard Pivot 7000 Machine Summary**

Span and Overhang							Field Area		Flow	
Model	Qty	Length (ft)	Pipe O.D. (in)	Coupler Spacing (in)	D. U. Qty	Profile	Tire			
7000	6	204.9	6 5/8	108	23	Standard	14.9 x 24 High Float	128.8 (Ac) Total	450 (GPM)	
7000	1	54.0	6 5/8	110	8			119.0 (Ac) Pivot 360°	3.43 (GPM per Acre)	
								9.8 (Ac) EG on 79.72%	0.18 (in per day) App Rate	
								1284.7 (ft) Machine Length	0.070 (in) App Depth @ 100%	
								64.4 (ft) End Gun Radius	41.9 (GPM) End Gun	

Messages

**Caution:**  
1. I-Wob, Orbitor, Twister and Nutator sprinklers require at least 24" of drop hose. Do not use slip weights or rigid drop materials. Do not install integrated weights on drop with dou I-Wob or Nutator sprinklers.

Dealer:  
None

Pressure	LRDU Drive Train
29 (PSI) Pivot Pressure	68 RPM Center Drive @ 60 Hz freq.
Calculated Pressure	11.2 x 24 New Tire
20 (ft) Highest Elevation	52:1 Wheel GB Ratio, LRDU Dist 1229.9 (ft)
20 (ft) Lowest Elevation	9.3 Hrs/360° @ 100% 13.84 (Ft per Min)

Sprinkler -- Computer Spacing

Sprinkler Configuration	Range (ft)
Senninger U-Pipe 6(in) Plastic 3/4 M NPT x 3/4 M Hose	All
Black Hose Drop Variable Length 60(in) Ground Clr	
Senninger Regulator PMR 15(PSI) 3/4 F NPT	
Senninger OneWeight Integrated Weight 0.85	
Senninger I-Wob - UP3 Std Angle 3/4 M NPT	



1405.63 (ft) Total Drop Hose Length

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Customer  
Field Name

**Valley Standard Pivot 7000 Machine Summary**

Pressure Loss

Pipe Length (ft)	Pipe I.D. (in)	Pipe Finish	C-Factor	Loss (PSI)
1257.3	6.42	Galvanized	150	3.4
27.4	3.79	Galvanized	150	0.4
<b>Total =</b>				<b>3.8</b>

End Gun(s) & Booster Pump Information



**Primary End Gun**  
Nelson SR100 End Gun  
0.6 Nozzle  
Booster Pump

Span Flow

Span Number	Irrigated Length (ft)	Area (Ac)	Rqd (GPM)	Act (GPM)	Rqd (GPM per Acre)	Act (GPM per Acre)	% Deviation
1	204.7	3.0	10.0	21.6	3.28	7.10	116.4
2	204.9	9.1	29.8	30.1	3.28	3.31	0.9
3	204.9	15.2	49.7	49.7	3.28	3.28	0.0
4	204.9	21.2	69.6	69.6	3.28	3.28	0.0
5	204.9	27.3	89.4	89.4	3.28	3.28	-0.0
6	204.7	33.3	109.1	109.1	3.28	3.28	0.0
O/H	54.8	9.9	33.2	33.3	3.34	3.35	0.3
EG	64.4	9.8	43.8	41.9	3.58	3.42	-4.4
<b>Totals</b>		<b>128.8</b>		<b>444.7</b>			
	<b>Drain Sprinkler</b>		<b>5.6</b>	<b>5.6</b>			
	<b>Total Machine Flow</b>		<b>450.3</b>				

Advanced Options

Drain Sprinkler = Senninger Directional  
Last Sprinkler Coverage = 1 ft  
Sprinkler Coverage Length = 1285.7 ft  
Use Last Coupler = YES  
Minimum Mainline Pressure = 6 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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49963

49903

Parent Order No  
 Sprinkler Order No Cowley 1

Dealer SCK SEED AND IRR SERV L.L.C.  
 Customer  
 Field Name

**Valley Standard Pivot 7000 Machine Setup Sprinkler Chart**

Cpl No	Dist From Pivot (ft)	Spk No	Nozzle Size	Color	Spk Model	Wear Pad	Drop Length (in)	Regulator
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1 5.2 Gauge  
 2 14.2 Plug

Sprinkler : Senninger Iwob - Up3

3	23.2	1	6	Gold	I-Wob - UP3	Std Angle Black	106	PMR 15L
4	32.2	2	6	Gold	I-Wob - UP3	Std Angle Black	111	PMR 15L
5	41.2	3	6	Gold	I-Wob - UP3	Std Angle Black	115	PMR 15L
6	50.2	4	6	Gold	I-Wob - UP3	Std Angle Black	119	PMR 15L
7	59.2	5	6	Gold	I-Wob - UP3	Std Angle Black	122	PMR 15L
8	68.2	6	6	Gold	I-Wob - UP3	Std Angle Black	124	PMR 15L
9	77.2	7	6	Gold	I-Wob - UP3	Std Angle Black	127	PMR 15L
10	86.2	8	6	Gold	I-Wob - UP3	Std Angle Black	128	PMR 15L
11	94.6	9	6	Gold	I-Wob - UP3	Std Angle Black	129	PMR 15L
12	103.0	10	6	Gold	I-Wob - UP3	Std Angle Black	129	PMR 15L
13	111.4	11	6	Gold	I-Wob - UP3	Std Angle Black	129	PMR 15L
14	119.9	12	6	Gold	I-Wob - UP3	Std Angle Black	129	PMR 15L
15	128.9	13	6	Gold	I-Wob - UP3	Std Angle Black	128	PMR 15L
16	137.9	14	6	Gold	I-Wob - UP3	Std Angle Black	126	PMR 15L
17	146.9	15	6	Gold	I-Wob - UP3	Std Angle Black	124	PMR 15L
18	155.9	16	6	Gold	I-Wob - UP3	Std Angle Black	121	PMR 15L
19	164.8	17	6	Gold	I-Wob - UP3	Std Angle Black	117	PMR 15L
20	173.8	18	6	Gold	I-Wob - UP3	Std Angle Black	114	PMR 15L
21	182.8	19	6	Gold	I-Wob - UP3	Std Angle Black	109	PMR 15L
22	191.8	20	6	Gold	I-Wob - UP3	Std Angle Black	104	PMR 15L
23	200.8	21	6	Gold	I-Wob - UP3	Std Angle Black	98	PMR 15L

205.5 Tower Number : 1 Span Length(ft) : 204.7

24	210.1	22	6	Gold	I-Wob - UP3	Std Angle Black	98	PMR 15L
25	219.1	23	6	Gold	I-Wob - UP3	Std Angle Black	104	PMR 15L
26	228.1	24	6	Gold	I-Wob - UP3	Std Angle Black	109	PMR 15L
27	237.1	25	6	Gold	I-Wob - UP3	Std Angle Black	114	PMR 15L
28	246.1	26	6	Gold	I-Wob - UP3	Std Angle Black	118	PMR 15L
29	255.1	27	6	Gold	I-Wob - UP3	Std Angle Black	122	PMR 15L
30	264.1	28	6.5	Gold Notched	I-Wob - UP3	Std Angle Black	125	PMR 15L
31	273.1	29	6.5	Gold Notched	I-Wob - UP3	Std Angle Black	127	PMR 15L
32	282.1	30	6.5	Gold Notched	I-Wob - UP3	Std Angle Black	129	PMR 15L
33	291.1	31	6.5	Gold Notched	I-Wob - UP3	Std Angle Black	130	PMR 15L
34	299.5	32	6.5	Gold Notched	I-Wob - UP3	Std Angle Black	131	PMR 15L
35	307.9	33	6.5	Gold Notched	I-Wob - UP3	Std Angle Black	131	PMR 15L
36	316.3	34	6.5	Gold Notched	I-Wob - UP3	Std Angle Black	131	PMR 15L
37	324.8	35	6.5	Gold Notched	I-Wob - UP3	Std Angle Black	130	PMR 15L

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

Parent Order No  
Sprinkler Order No Cowley 1

Customer  
Field Name

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KS Dept. Of Agriculture  
Valley Standard Pivot 7000 Machine Setup Sprinkler Chart

Cpl No	Dist From Pivot (ft)	Spk No	Nozzle Size	Color	Spk Model	Wear Pad	Drop Length (in)	Regulator
38	333.8	36	7	Lime	I-Wob - UP3	Std Angle Black	129	PMR 15L
39	342.8	37	7	Lime	I-Wob - UP3	Std Angle Black	127	PMR 15L
40	351.8	38	7.5	Lime Notched	I-Wob - UP3	Std Angle Black	125	PMR 15L
41	360.8	39	7.5	Lime Notched	I-Wob - UP3	Std Angle Black	122	PMR 15L
42	369.7	40	7	Lime	I-Wob - UP3	Std Angle Black	118	PMR 15L
43	378.7	41	7.5	Lime Notched	I-Wob - UP3	Std Angle Black	114	PMR 15L
44	387.7	42	7.5	Lime Notched	I-Wob - UP3	Std Angle Black	109	PMR 15L
45	396.7	43	7.5	Lime Notched	I-Wob - UP3	Std Angle Black	104	PMR 15L
46	405.7	44	8	Lavender	I-Wob - UP3	Std Angle Black	98	PMR 15L
410.4 Tower Number : 2 Span Length(ft) : 204.9								
47	415.1	45	8	Lavender	I-Wob - UP3	Std Angle Black	98	PMR 15L
48	424.1	46	8	Lavender	I-Wob - UP3	Std Angle Black	104	PMR 15L
49	433.1	47	8	Lavender	I-Wob - UP3	Std Angle Black	109	PMR 15L
50	442.1	48	8	Lavender	I-Wob - UP3	Std Angle Black	114	PMR 15L
51	451.1	49	8	Lavender	I-Wob - UP3	Std Angle Black	118	PMR 15L
52	460.1	50	8	Lavender	I-Wob - UP3	Std Angle Black	122	PMR 15L
53	469.1	51	8.5	Lavender Notched	I-Wob - UP3	Std Angle Black	125	PMR 15L
54	478.1	52	8.5	Lavender Notched	I-Wob - UP3	Std Angle Black	127	PMR 15L
55	487.1	53	8.5	Lavender Notched	I-Wob - UP3	Std Angle Black	129	PMR 15L
56	496.1	54	8.5	Lavender Notched	I-Wob - UP3	Std Angle Black	130	PMR 15L
57	504.5	55	8.5	Lavender Notched	I-Wob - UP3	Std Angle Black	131	PMR 15L
58	512.9	56	8.5	Lavender Notched	I-Wob - UP3	Std Angle Black	131	PMR 15L
59	521.3	57	8.5	Lavender Notched	I-Wob - UP3	Std Angle Black	131	PMR 15L
60	529.8	58	8.5	Lavender Notched	I-Wob - UP3	Std Angle Black	130	PMR 15L
61	538.8	59	9	Grey	I-Wob - UP3	Std Angle Black	129	PMR 15L
62	547.8	60	9	Grey	I-Wob - UP3	Std Angle Black	127	PMR 15L
63	556.8	61	9	Grey	I-Wob - UP3	Std Angle Black	125	PMR 15L
64	565.8	62	9	Grey	I-Wob - UP3	Std Angle Black	122	PMR 15L
65	574.7	63	9.5	Grey Notched	I-Wob - UP3	Std Angle Black	118	PMR 15L
66	583.7	64	9	Grey	I-Wob - UP3	Std Angle Black	114	PMR 15L
67	592.7	65	9.5	Grey Notched	I-Wob - UP3	Std Angle Black	109	PMR 15L
68	601.7	66	9.5	Grey Notched	I-Wob - UP3	Std Angle Black	104	PMR 15L
69	610.7	67	9.5	Grey Notched	I-Wob - UP3	Std Angle Black	98	PMR 15L
615.3 Tower Number : 3 Span Length(ft) : 204.9								
70	620.0	68	9.5	Grey Notched	I-Wob - UP3	Std Angle Black	98	PMR 15L
71	629.0	69	10	Turquoise	I-Wob - UP3	Std Angle Black	104	PMR 15L
72	638.0	70	9.5	Grey Notched	I-Wob - UP3	Std Angle Black	109	PMR 15L
73	647.0	71	10	Turquoise	I-Wob - UP3	Std Angle Black	114	PMR 15L
74	656.0	72	10	Turquoise	I-Wob - UP3	Std Angle Black	118	PMR 15L
75	665.0	73	10	Turquoise	I-Wob - UP3	Std Angle Black	122	PMR 15L
76	674.0	74	10	Turquoise	I-Wob - UP3	Std Angle Black	125	PMR 15L

49903

Parent Order No  
Sprinkler Order No Cowley 1

Water Resources  
Received

Dealer SCK SEED AND IRR SERV L.L.C.  
Customer  
Field Name

JAN 08 2018

Valley Standard Pivot 7000 Machine Setup Sprinkler Chart  
KS Dept Of Agriculture

Cpl No	Dist From Pivot (ft)	Spk No	Nozzle Size	Color	Spk Model	Wear Pad	Drop Length (in)	Regulator
77	683.0	75	10	Turquoise	I-Wob - UP3	Std Angle Black	127	PMR 15L
78	692.0	76	10	Turquoise	I-Wob - UP3	Std Angle Black	129	PMR 15L
79	701.0	77	10	Turquoise	I-Wob - UP3	Std Angle Black	130	PMR 15L
80	709.4	78	10	Turquoise	I-Wob - UP3	Std Angle Black	131	PMR 15L
81	717.8	79	10	Turquoise	I-Wob - UP3	Std Angle Black	131	PMR 15L
82	726.2	80	10	Turquoise	I-Wob - UP3	Std Angle Black	131	PMR 15L
83	734.7	81	10	Turquoise	I-Wob - UP3	Std Angle Black	130	PMR 15L
84	743.7	82	10.5	Turq Notched	I-Wob - UP3	Std Angle Black	129	PMR 15L
85	752.7	83	10.5	Turq Notched	I-Wob - UP3	Std Angle Black	127	PMR 15L
86	761.7	84	11	Yellow	I-Wob - UP3	Std Angle Black	125	PMR 15L
87	770.7	85	10.5	Turq Notched	I-Wob - UP3	Std Angle Black	122	PMR 15L
88	779.6	86	11	Yellow	I-Wob - UP3	Std Angle Black	118	PMR 15L
89	788.6	87	10.5	Turq Notched	I-Wob - UP3	Std Angle Black	114	PMR 15L
90	797.6	88	11	Yellow	I-Wob - UP3	Std Angle Black	109	PMR 15L
91	806.6	89	11	Yellow	I-Wob - UP3	Std Angle Black	104	PMR 15L
92	815.6	90	11	Yellow	I-Wob - UP3	Std Angle Black	98	PMR 15M
820.3 Tower Number : 4 Span Length(ft) : 204.9								
93	824.9	91	11	Yellow	I-Wob - UP3	Std Angle Black	98	PMR 15M
94	833.9	92	11	Yellow	I-Wob - UP3	Std Angle Black	104	PMR 15M
95	842.9	93	11	Yellow	I-Wob - UP3	Std Angle Black	109	PMR 15M
96	851.9	94	11	Yellow	I-Wob - UP3	Std Angle Black	114	PMR 15M
97	860.9	95	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	118	PMR 15M
98	869.9	96	11	Yellow	I-Wob - UP3	Std Angle Black	121	PMR 15M
99	878.9	97	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	124	PMR 15M
100	887.9	98	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	127	PMR 15M
101	896.9	99	11	Yellow	I-Wob - UP3	Std Angle Black	128	PMR 15M
102	905.9	100	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	130	PMR 15M
103	914.3	101	11	Yellow	I-Wob - UP3	Std Angle Black	130	PMR 15M
104	922.7	102	11	Yellow	I-Wob - UP3	Std Angle Black	131	PMR 15M
105	931.2	103	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	130	PMR 15M
106	939.7	104	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	130	PMR 15M
107	948.7	105	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	128	PMR 15M
108	957.7	106	12	Red	I-Wob - UP3	Std Angle Black	127	PMR 15M
109	966.7	107	12	Red	I-Wob - UP3	Std Angle Black	124	PMR 15M
110	975.7	108	11.5	Yellow Notched	I-Wob - UP3	Std Angle Black	121	PMR 15M
111	984.6	109	12	Red	I-Wob - UP3	Std Angle Black	118	PMR 15M
112	993.6	110	12	Red	I-Wob - UP3	Std Angle Black	114	PMR 15M
113	1002.6	111	12	Red	I-Wob - UP3	Std Angle Black	109	PMR 15M
114	1011.6	112	12	Red	I-Wob - UP3	Std Angle Black	104	PMR 15M
115	1020.6	113	12.5	Red Notched	I-Wob - UP3	Std Angle Black	98	PMR 15M
1025.2 Tower Number : 5 Span Length(ft) : 204.9								

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Parent Order No  
Sprinkler Order No Cowley 1

Dealer SCK SEED AND IRR SERV L.L.C.  
Customer  
Field Name

Valley Standard Pivot 7000 Machine Setup Sprinkler Chart

Cpl No	Dist From Pivot (ft)	Spk No	Nozzle Size	Color	Spk Model	Wear Pad	Drop Length (in)	Regulator
116	1029.9	114	12.5	Red Notched	I-Wob - UP3	Std Angle Black	98	PMR 15M
117	1038.9	115	12	Red	I-Wob - UP3	Std Angle Black	104	PMR 15M
118	1047.9	116	12.5	Red Notched	I-Wob - UP3	Std Angle Black	109	PMR 15M
119	1056.9	117	12.5	Red Notched	I-Wob - UP3	Std Angle Black	114	PMR 15M
120	1065.9	118	12.5	Red Notched	I-Wob - UP3	Std Angle Black	118	PMR 15M
121	1074.9	119	12.5	Red Notched	I-Wob - UP3	Std Angle Black	121	PMR 15M
122	1083.9	120	12.5	Red Notched	I-Wob - UP3	Std Angle Black	124	PMR 15M
123	1092.9	121	12.5	Red Notched	I-Wob - UP3	Std Angle Black	127	PMR 15M
124	1101.9	122	12.5	Red Notched	I-Wob - UP3	Std Angle Black	128	PMR 15M
125	1110.9	123	12.5	Red Notched	I-Wob - UP3	Std Angle Black	130	PMR 15M
126	1119.3	124	12.5	Red Notched	I-Wob - UP3	Std Angle Black	130	PMR 15M
127	1127.7	125	12.5	Red Notched	I-Wob - UP3	Std Angle Black	131	PMR 15M
128	1136.1	126	12.5	Red Notched	I-Wob - UP3	Std Angle Black	130	PMR 15M
129	1144.6	127	12.5	Red Notched	I-Wob - UP3	Std Angle Black	130	PMR 15M
130	1153.6	128	13	White	I-Wob - UP3	Std Angle Black	128	PMR 15M
131	1162.6	129	13	White	I-Wob - UP3	Std Angle Black	127	PMR 15M
132	1171.6	130	13	White	I-Wob - UP3	Std Angle Black	124	PMR 15M
133	1180.6	131	13	White	I-Wob - UP3	Std Angle Black	121	PMR 15M
134	1189.5	132	13	White	I-Wob - UP3	Std Angle Black	118	PMR 15M
135	1198.5	133	13	White	I-Wob - UP3	Std Angle Black	113	PMR 15M
136	1207.5	134	13.5	White Notched	I-Wob - UP3	Std Angle Black	109	PMR 15M
137	1216.5	135	13	White	I-Wob - UP3	Std Angle Black	104	PMR 15M
138	1225.5	136	13.5	White Notched	I-Wob - UP3	Std Angle Black	98	PMR 15M
139	1229.3		B.P.					

1229.9 Tower Number : 6 Span Length(ft) : 204.7

140	1234.5	137	13.5	White Notched	I-Wob - UP3	Std Angle Black	97	PMR 15M
141	1243.6	138	13.5	White Notched	I-Wob - UP3	Std Angle Black	101	PMR 15M
142	1252.8	139	13.5	White Notched	I-Wob - UP3	Std Angle Black	106	PMR 15M
143	1256.3		Plug					
144	1261.9	140	13.5	White Notched	I-Wob - UP3	Std Angle Black	110	PMR 15M
145	1271.0	141	14	Blue	I-Wob - UP3	Std Angle Black	114	PMR 15M
146	1280.2	142	14.5	Blue Notched	I-Wob - UP3	Std Angle Black	119	PMR 15M

Sprinkler : Senninger Spray



Directional

147 1283.7 143 14 Blue  
1284.7 Overhang Span Length(ft) : 54.8

Sprinkler : Nelson Endgun



148 1284.7 144 0.6 SR100

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49703

Parent Order No  
Sprinkler Order No Cowley 1

Dealer SCK SEED AND IRR SERV L.L.C.  
Customer  
Field Name

Valley Standard Pivot 7000 Machine Setup Sprinkler Chart

Cpl No	Dist From Pivot (ft)	Spk No	Nozzle Size	Color	Spk Model	Wear Pad	Drop Length (in)	Regulator
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Primary Endgun Arc Settings: Forward Angle: 45 Reverse Angle: 80

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Customer  
Field Name

**Valley Standard Pivot 7000 Bill Of Materials - Pricing Date 01/11/2017**

Qty	Part Number	Description	Price List	Net Price	Extended Price
1	0211059	NPL MS 3/4 X 12 GVSCH 40	5.38	2.69	2.69
89	0217115	REG PR 15 PSI LOW 3/4 FEM BASE X 3/4 FEM PRL	10.20	5.10	453.90
53	0227115	REG PR 15 PSI MED 3/4 FBASE X 3/4 F PMR	13.06	6.53	346.09
1	0232442	GAE MS 0-60 PSI PRESSUREGAUGE	23.43	11.72	11.72
1	0241005	FIT ER 3/4 X 90 GV	2.32	1.16	1.16
1	0241012	FIT ES 3/4 X 90 GV	2.77	1.39	1.39
1	0244038	FIT PB 1 X 3/4 GVREDUCER	2.87	1.44	1.44
142	0246222	FIT MS 3/4 MNPT X 3/4HOSE BARB PLASTIC U-PIPE	4.81	2.41	341.51
142	0271077	HSE IT 3/4" MNPT X 3/4"HOSE BARB	0.80	0.40	56.80
142	0271080	HSE CL 1 1/16" HOSECLAMP-CRIMP	0.26	0.13	18.46
142	0271084	HSE CL 1 1/4 S.S. HOSEDROP CLAMP	0.55	0.28	39.05
6	0272033	HSE WT 3/4" FLEX X 250FT. ROLL	115.73	57.87	347.19
142	0430789	SPK MS SENNINGER ONE WEIGHT .85 LB	7.43	3.72	527.53
1	0496140	BLUE SPRAY NZ #14 ORF 219	6.16	3.08	3.08
1	0500706	SPK NZ TAPERED SR100NELSON 0.6T	56.19	28.10	28.10
1	0505060	SPK CP NELSON SR100 ENDGUN MOD W/2"BASE	1376.91	688.46	688.46
142	0601656	SPK I-WOB UP3 BRACKET -STD ANGLE BLACK	24.69	12.35	1752.99
27	0601663	NZ UP3 #6 GOLD	1.74	0.87	23.49
8	0601664	NZ UP3 #6.5 GOLD NOTCHED	1.74	0.87	6.96
3	0601665	NZ UP3 #7 LIME	1.74	0.87	2.61
5	0601666	NZ UP3 #7.5 LIME NOTCHED	1.74	0.87	4.35
7	0601667	NZ UP3 #8 LAVENDER	1.74	0.87	6.09
8	0601668	NZ UP3 #8.5 LAVENDER NOTCHED	1.74	0.87	6.96
5	0601669	NZ UP3 #9 GREY	1.74	0.87	4.35
6	0601670	NZ UP3 #9.5 GREY NOTCHED	1.74	0.87	5.22
12	0601671	NZ UP3 #10 TURQUOISE	1.74	0.87	10.44
4	0601672	NZ UP3 #10.5 TURQUOISE NOTCHED	1.74	0.87	3.48
13	0601673	NZ UP3 #11 YELLOW	1.74	0.87	11.31
8	0601674	NZ UP3 #11.5 YELLOW NOTCHED	1.74	0.87	6.96
7	0601675	NZ UP3 #12 RED	1.74	0.87	6.09
14	0601676	NZ UP3 #12.5 RED NOTCHED	1.74	0.87	12.18
7	0601677	NZ UP3 #13 WHITE	1.74	0.87	6.09
6	0601678	NZ UP3 #13.5 WHITE NOTCHED	1.74	0.87	5.22
1	0601679	NZ UP3 #14 BLUE	1.74	0.87	0.87
1	0601680	NZ UP3 #14.5 BLUE NOTCHED	1.74	0.87	0.87
1	PRDCTED COOP & PRODUCT PROMOTION		23.73	23.73	23.73

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Parent Order No

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

Sprinkler Order No Cowley 1

Customer

Field Name

**Valley Standard Pivot 7000 Bill Of Materials - Pricing Date 01/11/2017**

Qty	Part Number	Description	Price List	Net Price	Extended Price
Total Extended List Price:					\$9,513.88
Total Extended Net Price:					\$4,768.83
Total Net Weight (lbs):					492.19

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JAN 08 2018

KS Dept Of Agriculture

49903

49963



Stafford Field Office  
300 S. Main Street  
Stafford, Kansas 67578-1521  
Jackie McClaskey, Secretary  
David W. Barfield, Chief Engineer  
Jeff Lanterman, Water Commissioner

Phone: (620) 234-5311  
Fax: (620) 234-6900  
[www.agriculture.ks.gov](http://www.agriculture.ks.gov)  
Sam Brownback, Governor

December 27, 2017

John R Hervey  
785 N Webb Rd  
Belle Plaine KS 67013  
[herveyfarms@yahoo.com](mailto:herveyfarms@yahoo.com)

RE: New Application in the NE¼ 32-29-2W, SG Co.


Dear Mr. Hervey,

You will find enclosed with this letter an application for permit to appropriate water for beneficial use in the Northeast Quarter of 32-29-2W, Sedgwick County. This application was completed based on our recent phone conversation.

Please carefully review the enclosed application and associated map. Feel free to make corrections as needed. There are several blanks that will need completed throughout the application. Once the application is complete, a signature is needed on item number 6 AND number 16 of the application as well as on the map. A notary is not required for these signatures. However, a notarized signature is needed on the MDS acknowledgement form that has been included.

There is a \$300 fee for this application. Please include a check made payable to the Kansas Department of Agriculture for the total amount with the signed forms when you submit them to Manhattan for processing. If I can be of any further assistance, or if you have any questions regarding the enclosed applications, please call the office at 620.234.5311.

Sincerely,

  
Elizabeth K. Fitch  
Environmental Scientist  
[elizabeth.fitch@ks.gov](mailto:elizabeth.fitch@ks.gov)

Enclosures

Water Resources  
Received  
JAN 08 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

JOHN R HERVEY  
785 N WEBB RD  
BELLE PLAINE KS 67013

RE: Application  
File No. 49963

Dear Sir or Madam:

Your application for permit to appropriate water in 32-29S-2W in Segwick 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.**

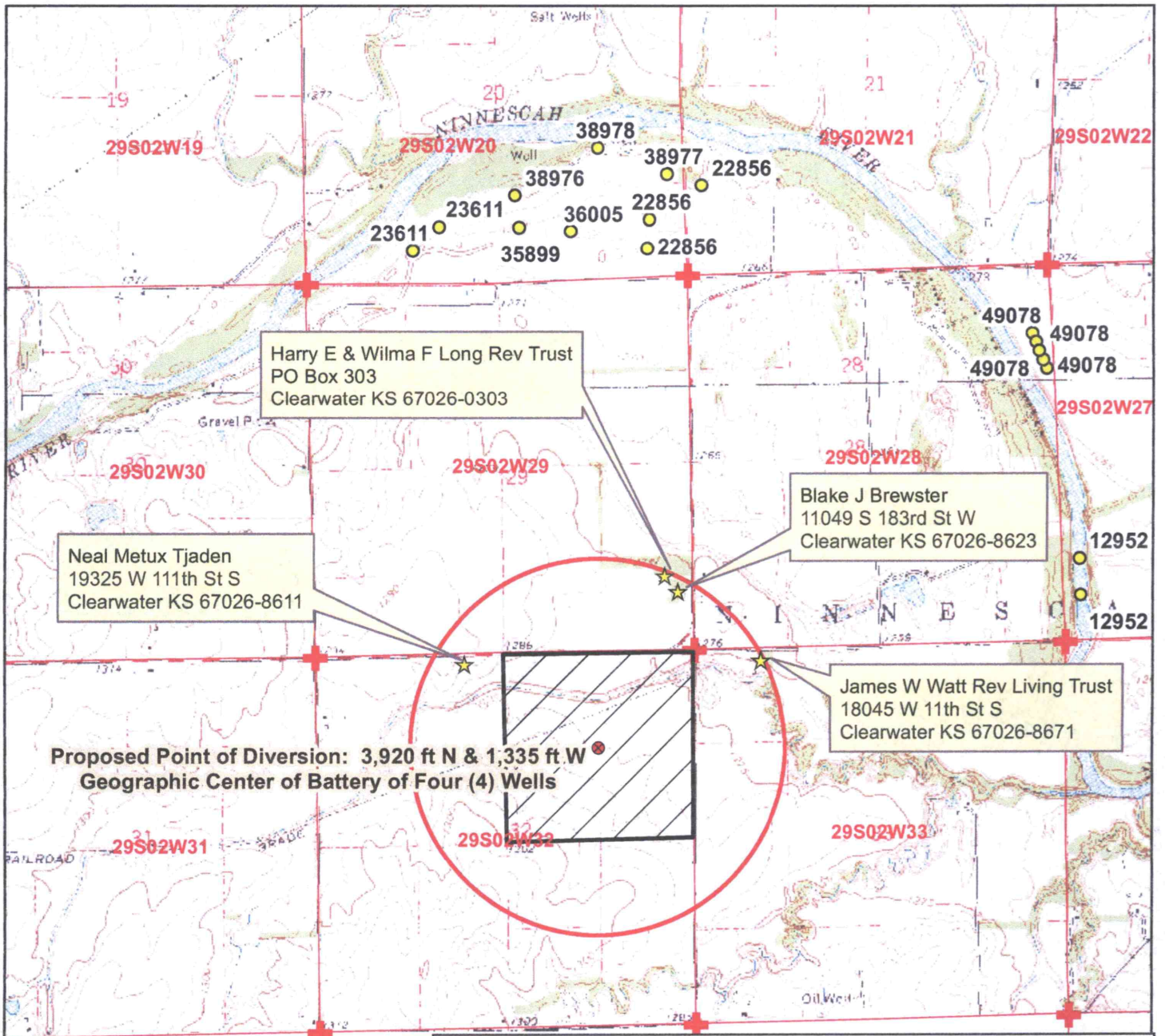
If you have any questions, please contact me at (785) 564-6637. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kristen A. Baum  
New Applications Unit Supervisor  
Water Appropriation Program

BAT: dlw  
pc: STAFFORD Field Office  
GMD

49903



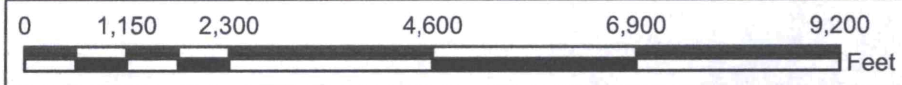
Harry E & Wilma F Long Rev Trust  
 PO Box 303  
 Clearwater KS 67026-0303

Neal Metux Tjaden  
 19325 W 111th St S  
 Clearwater KS 67026-8611

Blake J Brewster  
 11049 S 183rd St W  
 Clearwater KS 67026-8623

James W Watt Rev Living Trust  
 18045 W 11th St S  
 Clearwater KS 67026-8671

**Proposed Point of Diversion: 3,920 ft N & 1,335 ft W  
 Geographic Center of Battery of Four (4) Wells**



**Legend**

- Water Appropriations
- Proposed Point of Diversion
- ★ Domestic Well
- ⊕ Section Corner
- Half Mile Circle
- Section Line
- ▨ Proposed Place of Use

**Water Appropriation, File No. \_\_\_\_\_**

New Application Map  
 32-29S-2W // Sedgwick County

To the best of my knowledge, all known wells within 1/2 mile  
 of the proposed point of diversion have been shown.



Water Resources  
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JAN 08 2018

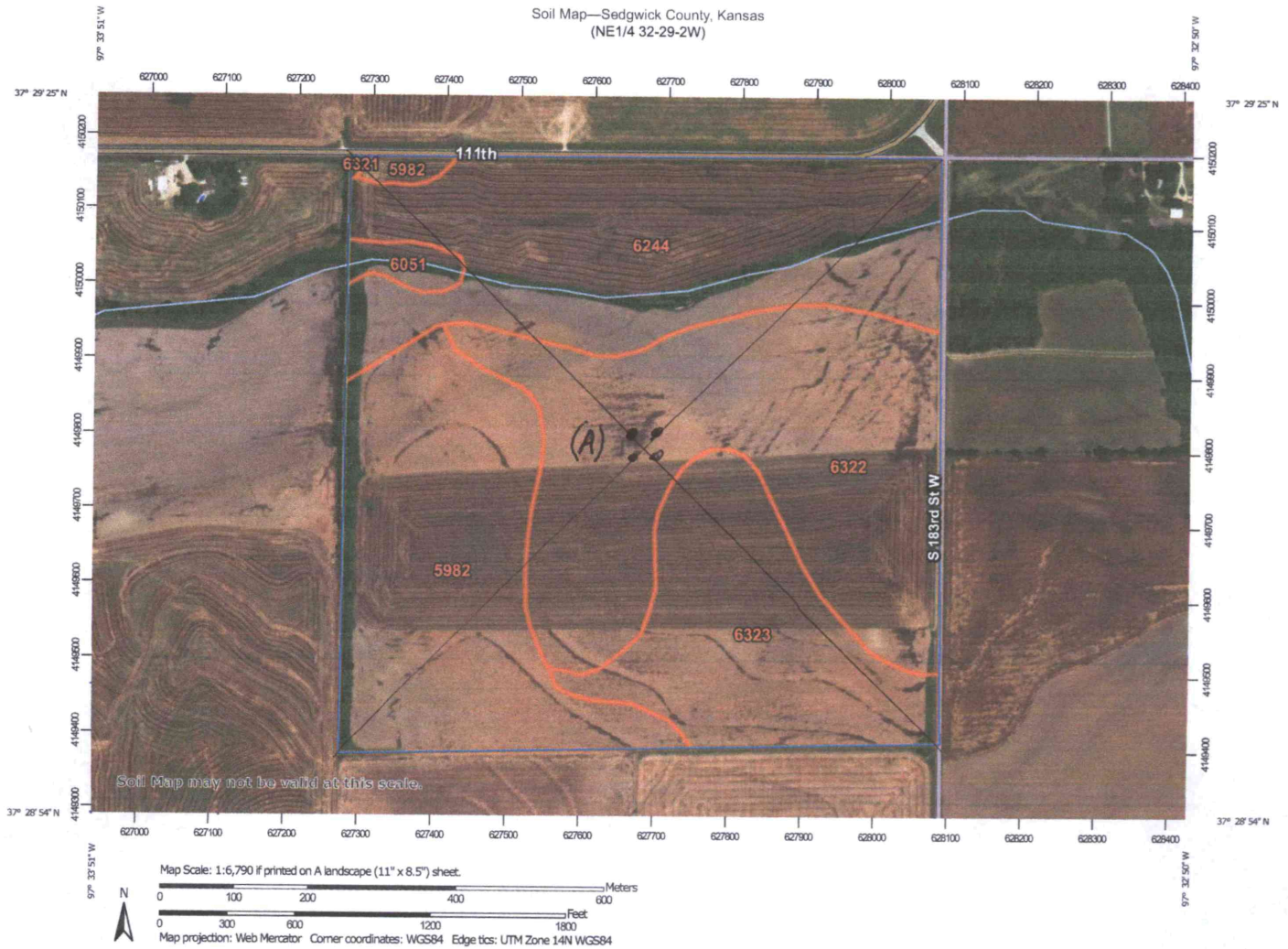
*John Deary*  
 Signature

12/27/17 EKF-SFFO 1:24,000 scale

49903

Questions From Page 11.

(A) locations of purposed wells



USDA Natural Resources Conservation Service

Web Soil Survey National Cooperative Soil Survey

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