## **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.

#3 54 15-33-02W Sunver County



#### KANSAS DEPARTMENT OF AGRICULTURE

Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES

David W. Barfield, Chief Engineer
Water Resources

Received

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

JUN 28 2018

KS Dept O

### 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: Name of Applicant (Please Print): 4 Address: 0 State Telephone Number: (1) 2. The source of water is: ☐ surface water in (stream) OR X groundwater in 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. acre-feet OR \_\_\_\_\_ gallons per calendar year, The maximum quantity of water desired is to be diverted at a maximum rate of 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. The water is intended to be appropriated for (Check use intended): (a) Artificial Recharge (b) X Irrigation (d) | Water Power (c) Recreational (e) Industrial ☐ Municipal (g) ☐ Stockwatering (h) ☐ Sediment Control (i) Domestic □ Dewatering (k) Hydraulic Dredging ☐ 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 /NO) Use <del>FOL</del> Source S County By How Date 6/26/18 Meets K.A.R. 5-3-1 (YES F.O. 4 Receipt Date () Code

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

7/6/18/DAW

### \* per phone call w/ applicant & map

5.	The	location of the proposed wells, pump sites or other works for diversion of water is:
	Note	For the application to be accepted, the point of diversion location must be described to at least a 10 acre tract, unless you specifically request a 60 day period of time in which to locate the site within a specifically described, minimal legal quarter section of land.
	(A)	One in the quarter of the quarter of the <u>\$\mathcal{S}\mathcal{N}\ \]</u> quarter of Section <u>15</u> , more particularly
		described as being near a point feet North and feet West of the Southeast corner of said
		section, in Township 33 South, Range 2 East/West (circle one), Sumner County, Kansas.
	(B)	One in the quarter of the quarter of the, 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, 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.
	wells	e source of supply is groundwater, a separate application shall be filed for each proposed well or battery of s, except that a single application may include up to four wells within a circle with a quarter (¼) mile radius in ame local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well.
6.	four on the distri	ttery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than wells in the same local source of supply within a 300 foot radius circle which are being operated by pumps o exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a common bution system.  gwner of the point of diversion, if other than the applicant is (please print):
	<u>_{</u>	(name, address and telephone number)
	You	(name, address and telephone number) must provide evidence of legal access to, or control of, the point of diversion from the landowner or the
		owner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document 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 July 2018.  Applicant's Signature
	Failu be re	applicant must provide the required information or signature irrespective of whether they are the landowner. It is complete this portion of the application will cause it to be unacceptable for filing and the application will eturned to the applicant.
7.	The	proposed project for diversion of water will consist of $4-We//5$
	and (	proposed project for diversion of water will consist of
8.	The f	first actual application of water for the proposed beneficial use was or is estimated to be
	(10101)	Water Resources
		Received

JUN 28 2018

9.	Will	pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?
	X	res ☐ No If "yes", a check valve shall be required.
	All	chemigation safety requirements must be met including a chemigation permit and reporting requirements.
10.	sub	ou are planning to impound water, please contact the Division of Water Resources for assistance, prior to imitting the application. Please attach a reservoir area capacity table and inform us of the total acres of face drainage area above the reservoir.
	Hav Wa	ve you also made an application for a permit for construction of this dam and reservoir with the Division of ter Resources? ☐ Yes ★ No
	•	If yes, show the Water Structures permit number here
	•	If no, explain here why a Water Structures permit is not required
		1
11.	sho	e application <u>must</u> be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat bying the following information. On the topographic map, aerial photograph, or plat, identify the center of the stion, the section lines or the section corners and show the appropriate section, township and range numbers. o, 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 $\frac{1}{2}$ 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 $\frac{1}{2}$ mile, please advise us.
	(c)	If the application is for surface water, the names and addresses of the landowner(s) $\frac{1}{2}$ mile downstream and $\frac{1}{2}$ 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.	ioq	t any application, appropriation of water, water right, or vested right file number that covers the same diversion nts or any of the same place of use described in this application. Also list any other recent modifications made existing permits or water rights in conjunction with the filing of this application.
		NONE

Water Resources Received

JUN 28 2018

13.	Furnish the following well inthe has not been completed, given					undwater. If the well
	Information below is from:	☐ Test holes	□ Well a	s completed	☐ Drillers	log attached
	Well location as shown in pa	aragraph No.	(A)	(B)	(C)	(D)
	Date Drilled	•••				
	Total depth of well	_				
	Depth to water bearing form	nation				
	Depth to static water level	_				<del></del>
	Depth to bottom of pump in	take pipe _				
14. 15.	The relationship of the appropriate (owner, tenant, agent or otherwise)  The owner(s) of the propert	se)				
•	<u>IV</u> IT	(name, addr	ess and tele	phone number	)	
16.	The undersigned states that this application is submitted Dated at Wellington	t the information s I in good faith.	set forth abov		best of his/he	
<u></u>	(Applicant Signatural) (Agent or Officer - Please	ire)  Anature)  se Print)	<del>-</del>		(month)	(year)
Assiste	ed by Mark Lo	vles	C)V	NPr - OF	Date: <u>(</u>	<u>6-26-2018</u>

Water Resources Received

JUN 28 2018



#### **FEE SCHEDULE**

1. The fee for an application for a permit to appropriate water for beneficial use, except for domestic use, shall be (see paragraph No. 2 below if requesting storage):

ACRE-FEET	FEE
0-100	\$200.00
101-320	\$300.00
More than 320	\$300.00 plus \$20.00 for each additional 100 acre-feet or any part thereof.

2. The fee for an application in which storage is requested, except for domestic use, shall be:

ACRE-FEET	FEE
0-250	\$200.00
More than 250	\$200.00 plus \$20.00 for each additional 250 acre-feet of storage or any part thereof.

Note: If an application requests both direct use *and* storage, the fee charged shall be as determined under No. 1 or No. 2 above, whichever is greater, but not both fees.

3. The fee for an application for a permit to appropriate water for water power or dewatering purposes shall be \$100.00 plus \$200.00 for each 100 cubic feet per second, or part thereof, of the diversion rate requested.

The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works for diversion has been completed, except that for applications filed on or after July 1, 2009, for works constructed for sediment control use and for evaporation from a groundwater pit for industrial use shall be accompanied by a field inspection fee of \$200.00.

#### MAKE CHECKS PAYABLE TO THE KANSAS DEPARTMENT OF AGRICULTURE

#### **ATTENTION**

A Water Conservation Plan may be required per K.S.A. 82a-733. A statement that your application for permit to appropriate water may be subject to the minimum desirable streamflow requirements per K.S.A. 82a-703a, b, and c may also be required from you. After the Division of Water Resources has had the opportunity to review your application, you will be notified whether or not you will need to submit a Water Conservation Plan. You also may be required to install a water flow meter or water stage measuring device on your diversion works prior to diverting water. There may be other special conditions or Groundwater Management District regulations that you will need to comply with if this application is approved.

#### **CONVERSION FACTORS**

1 acre-foot equals 325,851 gallons

1 million gallons equal 3.07 acre-feet

Water Resources Received

JUN 28 2018

### IRRIGATION USE SUPPLEMENTAL SHEET

File No. 500

Name of Applicant (Please Print):

1. 1	Please design	supplate th	ly the	nam ial nu	e and imber	addı of ac	ess o	f each	ı lano rigate	lowne d in e	r, the ach f	legal	l desc cre tr	riptio act or	n of t fract	he la ional	nds to portio	o be in	rigated, and reof:
Land	downe	er of I	Recor	d		NAM	Œ:Z	ied.	0	€7 <i>1</i>	e S	0121	1 h ju	kšT,	II	vo	)		
					AD	DRE	ss:	1)_1	lox	6	3	WE	11	15-11			5	66	152
s	T	R		N	E¼				<b>W</b> ¼			SV	<b>V</b> ¼			SI	E¼		TOTAL
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Lane	down	er of l	Recor	·d	<u> </u>	NAM	Œ:												
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Page 1 of 2

DWR 1-100.23 (7-7-00)

JUN 28 2018

Water Resources

Received

2.	Ple sup	asse complete the following information for the description of the operation for the irrigation project. Attach oplemental sheets as needed.									
	a.	Indicate the soils in the field(s) and their intake rates:									
	_	Soil Percent Intake Irrigation Of field Rate Design (%) (in/hr) Group (%) (in/hr) Group (%) (11/HR GOO)									
		Total: 100 %									
	b.	Estimate the average land slope in the field(s):									
		Estimate the maximum land slope in the field(s):  ———————————————————————————————————									
	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: WO Tail Water									
		ii. For sprinkler systems:									
		(1) Estimate the operating pressure at the distribution system: 35 psi									
		(1) Estimate the operating pressure at the distribution system: 35 psi (2) What is the sprinkler package design rate? gpm 10 be defect minute.  (3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the									
		(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. To be defect in web									
	e.	Crop(s) you intend to irrigate. Please note any planned crop rotations:									
		Whoat OTTOP									
	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).  HGONOMIST  SOIL MOISTURO  MOISTURO  SOIL MOISTURO  MOISTUR									
	ı ma uest.	ay attach any additional information you believe will assist in informing the Division of the need for your									

Water Resources Received

Page 2 of 2

JUN 28 2018

6-26-2018 (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.

Minimum Desirable Streamflow

Dear Sir:

I understand that a Minimum Desirable Streamflow requirement has been established by the legislature for the source of supply to which the above referenced application applies.

I understand that diversion of water pursuant to this application will be subject to regulation any time Minimum Desirable Streamflow requirements are not being met.

I also understand that if this application is approved, there could be times, as determined by the Division of Water Resources, when I would not be allowed to divert water. I realize that this could affect the economics of my decision to appropriate water.

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

Signature of Applicant

State of Kansas

) ss

County of Harper

(Bring Applies and a Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this  $\frac{24}{3}$  day of  $\frac{54}{3}$ .

Notary Public

Tracy Aleshire NOTARY PUBLIC

My Commission Expires:  $4 \cdot 4 \cdot 2019$ 

Water Resources
Received

JUN 28 2019

DWR 1-100.171 (Revised 03/27/2008)





# 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

JUN 28 2018

#### IRRIGATION TEST WELL

SUMNER COUNTY SWE 15-33-02W

Driller & Assistant:	Logan and Tucker		Date: 6/21	SWZ	4 15-33	-02W
CUSTOMER: Triad of t	he Southwest Inc. P.O. Box	663 Wellington	Ks 66152			
LOCATION:						
□ Screen 2-1/2"	□ Holeplug	□ Gas & O	il - W T i	5 6" or 5" Liner if nee	eded	
☐ Casing 2-1/2"	☐ Quarters			Solvent & Glue		
□ Couplings, 2-1/2"	□ Water	□ 2-1/2" P		Water Sample Bo		
☐ End Caps, 2-1/2"	□ Lime	□ 5" & 6" l	Bits a	Inspection Sheet		
☐ Gravel Pack	□ Drilling Mud	□ Packing				
Depth: Formation	: 		Well Inform	- AP C		1
D-3 450	<u> جي ا</u>		Static Wate			
3-22 Clay	TAN		Est. Product		Sapa	
22-45 5 smo	and Grave		Casing Size/	Depth: —		
45-96 Shale	Crey					
·	(.		Screen Size	Depth:		
			Slot Size: -			
	·			epth: 0-46		
			Number of	^		
			Nearest Conta	mination:		
					<del></del>	
			Notes:			
Directions:						j
Latitude: 37,175/8		ecimal degrees	(ex. 38.881)			
		ecimal degrees	(ex. 95.373	389)		
		. 260	111.	46		
Elevation:	7-19	\$ X X	<u> </u>	/ft. Well		
	NW 1/4 SW 1/4	\$ 200		/Grout	<del></del>	
	R 2 4/40	\$		Test Pumping	maddel 1900	
County SUMMEN		\$		/Water Sample	<del></del>	
	N	\$		/Mobilization/Trav	<u>el</u>	
		\$		/Discount	-	
		Contract f	Received:			
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<del> </del>		Invoice #:	1-114			02 201
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•	P.O. 4	hie Ada dox blo ington,	ノ		0 01	

Telephone = 620-338-0846

#### 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

July 3, 2018

TRIAD OF THE SOUTHWEST RITCHIE ADDISON **PO BOX 663 WELLINGTON KS 66152** 

> RE: Application File No. 50075

Dear Sir or Madam:

Your application for permit to appropriate water in 15-33S-2W 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

ristenaBaum

Water Appropriation Program

BAT: dlw

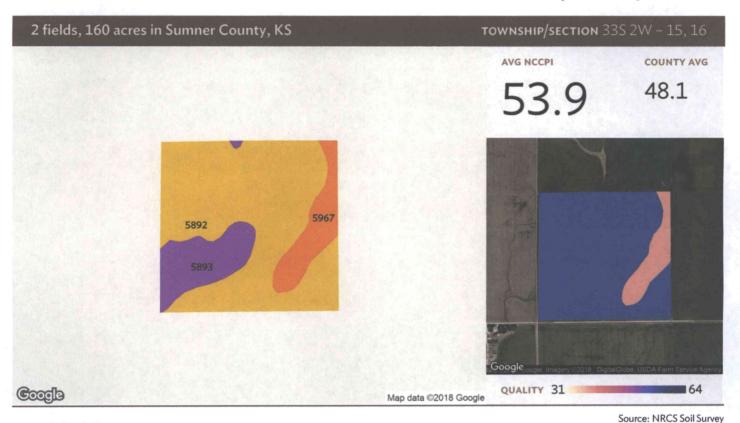
STAFFORD Field Office DC:

**GMD** 





Fields | Soil Survey June 24, 2018



### All fields

160 ac

SOIL	SOIL DESCRIPTION	ACRES PER	CENTAGE OF FIELD	SOIL CLASS	NCCPI
5892	Farnum loam, 0 to 1 percent slopes	115.83	72.3%	1	56.2
5893	Farnum loam, 1 to 3 percent slopes	25.42	15.9%	2	55.9
5967	Tabler silty clay loam, 0 to 1 percent slopes		11.8%	2	37.5
		160.13			53.9

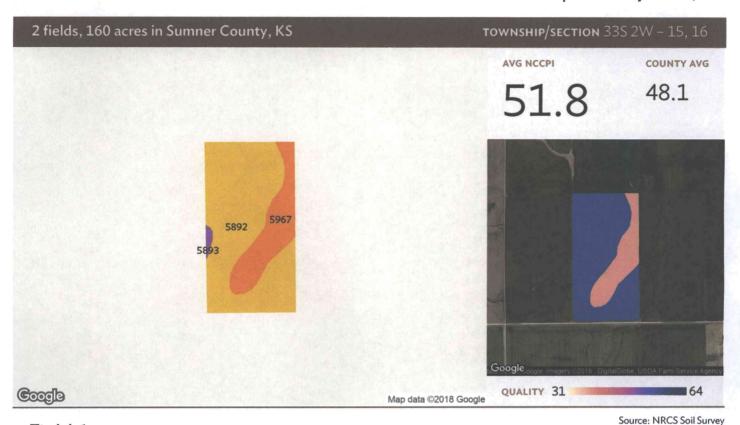
Water Resources Received

JUN 28 2018





Fields | Soil Survey June 24, 2018



Field 1

81 ac

	SOIL CODE	SOIL DESCRIPTION	ACRES PER	CENTAGE OF FIELD	SOIL CLASS	NCCPI
	5892	Farnum loam, 0 to 1 percent slopes	60.74	75.4%	1	56.2
•	5967	Tabler silty clay loam, 0 to 1 percent slopes	18.89	23.5%	2	37.5
	5893	Farnum loam, 1 to 3 percent slopes	0.90	1.1%	2	55.9
			80.52			51.8

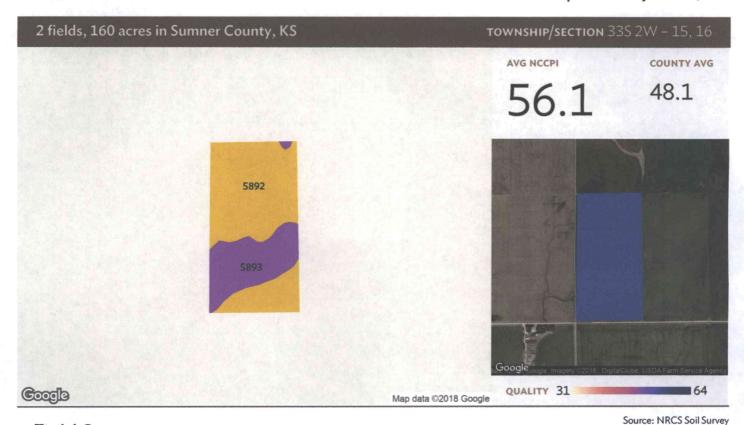
Water Resources
Received

JUN 28 2018





Fields | Soil Survey June 24, 2018



Field 2

80 ac

SOIL	SOIL DESCRIPTION	ACRES PER	SOIL	NCCPI	
CODE			FIELD	CLASS	
5892	Farnum loam, 0 to 1 percent slopes	55.09	69.2%	1	56.2
5893	Farnum loam, 1 to 3 percent slopes	24.52	30.8%	2	55.9
		79.61		_	56.1

Water Resources Received

JUN 28 2018

Tract Page: 1 of 1

KS Dept Of Agriculture

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data as is and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or apacific determination of the area. Refer to your original determination (CPA-026 and affacted maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

210E-6Z-9 - 571 B LE 192 1 52 05 C5199 SH (NOTEN!/19W · Tupsilgat MEQ-88-51 4M5=8 M-CO-EE-51 435=6 MED-EE-S1 4 IN = " KINDOD HANUNS , s604 910H 150/ X = YH = KQ PONIONOR :1000 NoiToillott 1201/0/20