Kansas Department of Agriculture Division of Water Resources

PERMIT OF NEW APPLICATION WORKSHEET

1. File Number:	2. Status Change Date:	3. Field Office:	4. GMD:
49,751-A	7/31/2018	2	
5. Status: ☐ Approved ☐ Denied b	by DWR/GMD [Dismiss by Request	/Failure to Return
6. Enclosures: ⊠ Check Valve ☐ N of C Form	m 🛛 Water Tube	☐ Driller Copy	Meter
7a. Applicant(s) Person ID New to system ☐ Add Seq#		ner(s) system □	Person ID Add Seq#
CITY OF CONWAY SPRINGS PO BOX 187 CONWAY SPRINGS KS 67031-0187			
7b. Landowner(s) Person ID New to system ☐ Add Seq#	7d. Misc.	system 🗌	Person ID Add Seq#
7a.			
8. WUR Correspondent Person ID New to system ☐ Add Seq# Overlap File (s) WUC Notarized WUC F Agree ☐ Yes ☐ No	9. Use of W	ater: Changing? ☐ Groundwater ☐ REC	☐ Yes ☑ No ☐ Surface Water ☐ DEW ☑ MUN
7a.	☐ STK ☐ HYD DRI ☐ IND SIC		☐ DOM ☐ CON ☐ ART RECHRG OTHER:
10. Completion Date: 12/31/2019 11. P	Perfection Date:12/31	/2039 12	. Exp Date:
13. Conservation Plan Required? ☐ Yes ☒ No Date F		Date WLI	
		Date Prepared: Date Entered:	· · · · · · · · · · · · · · · · · · ·

File No.	49,75	1-A		15.	Formati	ion Code	e: 105			Draina	ge Basin	Arkan	sas River		Со	unty:	SU		Spe	ecial U	se:		Stream:		
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18. Stora	age: Rate)																			NF A	dditional	Quantity		ac/ft
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	er Require									- SP C															
21. Plac	ce of Use						NE!	/4			NW1/4			SW1⁄4				SE!	1/4		Total	Owner	Chg? N	10 Ove	erlap Files
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CHK 2	20098	5	31S	3W	3			*			RWD	# 5 S	SUMNER	R CC)							7a		MU	JLTIPLE
CHK 2	5147	5	31S	3W	4				С	ITY O	F MILA	N & I	MMEDIA	ATE	VIC	INIT	Y					7a		М	JLTIPLE
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Comme	nts: OV	ER	LAPF	PING	PU I	FILES	S: 8,0	670;	23	,994;	36,96	4; 39	9,148;	39,1	149										

KANSAS DEPARTMENT OF AGRICULTURE Division of Water Resources

MEMORANDUM

TO: Files DATE: July 5, 2018

FROM: Austin McColloch RE: New Application,

File No. 49,751-A

The City of Conway Springs has filed the referenced application to appropriate 19.503 million gallons of groundwater for municipal use, to be diverted at a rate of 175 gallons per minute, from an existing well located in Lot 6 of Section 6, Township 31 South, Range 3 West, Sumner County, Kansas. The new application is requesting an <u>increase in rate of diversion only</u>, with no additional quantity thus the application is not subject to safe yield criteria. The request in increase of rate is for the installation of a new water treatment plant. This point of diversion is located in the Arkansas River basin, more specifically South-Central Kansas Designated Unit Area Ark-31.

The well is currently authorized under Water Right, File No. 23,994, designated as Well No. 15, which is authorized 19.503 million gallons of water at a diversion rate of 70 gallons per minute. Therefore, the requested increase in rate of diversion will provide an additional 105 gallons per minute.

As stated above, the proposed point of diversion is located within the South-Central Kansas Designated Unit Area Ark-31. DUA Ark-31 is currently closed to new appropriations. However, this application is for additional rate only, thus the application is not subject to safe yield criteria.

The quantity of water requested, with the overall limitation of 93.418 mgy, was reasonable and justified under the approval of Water Right, File Nos. 36,964. The city is not requesting any additional quantity over and above what has already been approved.

Based on the applications request for 175 gallons per minute, an increase of 105 gallons per minute K.A.R. 5-4-5(b)(2) must be demonstrated for approval. K.A.R. 5-4-5(b)(2) states that the appropriator demonstrates to the chief engineer that authorizing an increase in the rate of diversion meets the following criteria:

- (A) Will not impair existing water rights
- (B) Will not prejudicially and unreasonably affect public interest
- (C) Will not substantially increase the consumptive use in violation of K.A.R. 5-5-3

In response to these criteria the City of Conway Springs supplied the following information:

- (A) The nearest irrigation well (File No. 34,941) is about half a mile to the Southwest (SW) of the Well No. 15 and outside the cone of depression. Well No. 15 will only be operated a few hours in the morning and again only a couple of hours or so in the evening usually on alternate days. No long term continuous pumping will be made of this well thus developing a significant cone of depression that would adversely affect this or any other irrigation well in the vicinity.
- (B) The appropriation is for municipal use and many of the residences in the area are currently served by the City. After improvements to the water system a separate treated water supply line of smaller diameter may be installed to continue this water service.
- (C) No increase in annual appropriation of quantity will be made under this new application to appropriate water and no increase in place of use will be made.

The applicant identified six (6) domestic wells and one non-domestic well located within one-half mile of this existing well, which complies with K.A.R. 5-3-4. Nearby well owner letters were sent out on June 28, 2017, referencing the new application. Phone calls were received showing interest in the project and verbal concern over potential harm to their domestic supply. However, no official letter or statement was made. As noted above, this new application is requesting only an increase in rate of diversion from an existing well that has been in place for many years. Any nearby well owner would certainly be aware of this well and related municipal use. The one non-domestic well is authorized under File No. 23,994, the same file this new application overlaps. No physical changes will be occurring at the well. The nearest irrigation well is over 2,800 feet away, and the nearest domestic well appears to be over 660 feet away, so the application complies with minimum well spacing criteria.

In accordance with K.S.A. 82a-706c, the Chief Engineer retains full authority to require any water user to install meters, gages, or other measuring devices, which devices he or she or his or her agents may read at any time. Water flowmeter requirements are further described in K.A.R. 5-1-4 through K.A.R 5-1-12. If any chemical or foreign substance is injected into the water pumped under this permit, a check valve will also need to be installed.

In an email dated July 3, 2018, Jeff Lanterman, Water Commissioner, Stafford Field Office, recommended approval of the application.

Based on the above discussion, this is for additional rate only, well spacing regulations are met, the application is not subject to safe yield criteria, and approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest, it is recommended that the referenced application be approved.

Austin McColloch Environmental Scientist

at more

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

FILE COPY

CITY OF CONWAY SPRINGS PO BOX 187 CONWAY SPRINGS KS 67031-0187 August 3, 2018

Appropriation of Water, File Nos. 49,751-A & 49,751-B RE:

Dear Sir or Madam:

There are enclosed permits to appropriate water authorizing you to proceed with the construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a), to divert such unappropriated water as may be available from the source and at the location specified in the permits, and to use it for the purpose and at the locations described in the permits.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these permits. Water meters are required and you must install them prior to water being put to beneficial use in order for you to maintain accurate records of water use. The meters should be used to provide the information required on the annual water use reports.

Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of the permit. Enclosed are forms which may be used to notify the Chief Engineer that the proposed diversion works have been completed. All requests for extensions of time to complete diversion works, or to perfect appropriations, must be submitted to the Chief Engineer before the expiration of time set forth in the permits to complete diversion works or to perfect an appropriation.

For any reason, you require an extension of time, you must request it before the expiration of time set forth in these permits. Failure to comply with this regulation will result in the dismissal of your permit or your water right. Any request for extension of time shall be accompanied by the required statutory fee, which is currently \$100.00.

There is also enclosed an information sheet setting forth the procedure to obtain a Certificate of Appropriation which establish the extent of your water right.

If you have any questions, please contact me at (785) 564-6640. If you wish to discuss a specific file, please have the file number ready to that we may help you more efficiently.

Sincerely.

Kristen A. Baum

New Application Unit Supervisor

Division of Water Resources

KAB:am Enclosure(s)

pc:

KANSAS DEPARTMENT OF AGRICULTURE

Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCESDavid W. Barfield, Chief Engineer

APPROVAL OF APPLICATION and PERMIT TO PROCEED

(This is not a Certificate of Appropriation)

This is to certify that I have examined Application, File No. 49,751-A of the applicant

CITY OF CONWAY SPRINGS PO BOX 187 CONWAY SPRINGS KS 67031-0187

for a permit to appropriate water for beneficial use, together with the maps, plans and other submitted data, and that the application is hereby approved and the applicant is hereby authorized, subject to vested rights and prior appropriations, to proceed with the construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a, as amended), and to proceed with all steps necessary for the application of the water to the approved and proposed beneficial use and otherwise perfect the proposed appropriation subject to the following terms, conditions and limitations:

- 1. That the priority date assigned to such application is **January 6**, **2017**.
- 2. That the water sought to be appropriated shall be used for municipal in the City of Viola and immediate vicinity, Sedgwick County, Kansas, the City of Conway Springs and immediate vicinity, Sumner County, Kansas, RWD # 5, Sumner County, Kansas and the City of Milan and immediate vicinity, Sumner County, Kansas.
- 3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of a well located in Lot 6 of Section 6, more particularly described as being near a point 2,605 feet North and 4,206 feet West of the Southeast corner of said section, in Township 31 South, Range 3 West, Sumner County, Kansas.
- 4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of 175 gallons per minute (0.39 c.f.s.) and to a total quantity not to exceed 19.503 million gallons per year (59.85 acre-feet) of water per calendar year for municipal.
- 5. That installation of works for diversion of water shall be completed on or before <u>December 31, 2019</u> or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works has been completed. Failure to timely submit the notice and the fee will result in revocation of the permit. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.

File No. 49,751-A Page 2 of 4

6. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before <u>December 31, 2039</u> or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.

- 7. That the applicant shall not be deemed to have acquired a water appropriation for a quantity in excess of the amount approved herein nor in excess of the amount found by the Chief Engineer to have been actually used for the approved purpose during one calendar year subsequent to approval of the application and within the time specified for perfection or any authorized extension thereof.
- 8. That the use of water herein authorized shall not be made so as to impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.
- 9. That the right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the streamflow at the appropriator's point of diversion.
- 10. That this permit does not constitute authority under K.S.A. 82a-301 through 305a to construct any dam or other obstruction; nor does it grant any right-of-way, or authorize entry upon or injury to, public or private property.
- 11. That all diversion works constructed under the authority of this permit into which any type of chemical or other foreign substance will be injected into the water pumped from the diversion works shall be equipped with an in-line, automatic quick-closing, checkvalve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.
- 12. That all wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this permit shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a condition satisfactory to the Chief Engineer.
- 13. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance with Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. This water flow meter shall be used to provide an accurate quantity of water diverted as required for the annual water use report (including the meter reading at the beginning and end of the report year).
- 14. That the applicant shall maintain accurate and complete records from which the quantity of water diverted during each calendar year may be readily determined and the applicant shall file an annual water use report with the Chief Engineer by March 1 following the end of each calendar year. Failure to file the annual water use report by the due date shall cause the applicant to be subject to a civil penalty.
- 15. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.
- 16. That failure without cause to comply with provisions of the permit and its terms, conditions and limitations will result in the forfeiture of the priority date, revocation of the permit and dismissal of the application.

File No. 49,751-A Page 3 of 4

17. That the right to appropriate water under authority of this permit is subject to any minimum desirable streamflow requirements identified and established pursuant to K.S.A. 82a-703c for the source of supply to which this water right applies.

- 18. That the permit holder shall submit a progress report to the office of the Chief Engineer by March 1, following the tenth full calendar year after the permit was issued. The progress report must be submitted on a form prescribed by the Chief Engineer, and shall compare annual water use projected in the original application with the actual annual water use for the prior 10 years. The progress report must document compliance with the approved conservation plan, contain sufficient details to determine the extent of perfection of the water right during the previous ten years, and demonstrate how the water right, in association with other water rights, meets the municipal use need.
- 19. That the quantity of water and rate of diversion approved under this permit is further limited to the quantity and rate which combined with Water Right, File No. 23,994, will provide a total not to exceed 19.503 million gallons (59.85 acre-feet) of water per calendar year to be diverted at a maximum diversion rate not in excess of 175 gallons per minute (0.39 c.f.s.) for municipal use from the point of diversion described herein.
- 20. That the quantity of water approved under this permit is further limited to the quantity which combined with Water Right, File Nos. 8,670, 23,994, 36,964, 39,148 and 39,149, will provide a total not to exceed **93.418 million gallons (286.69 acre-feet)** of water per calendar year, for municipal use on the land described herein.

This Order shall become a final agency action, as defined by K.S.A. 77-607(b), without further notice to the parties, if a request for hearing or a petition for administrative review is not filed as set forth below.

RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW

If you are aggrieved by this Order, then pursuant to K.S.A. 82a-1901, you may:

- 1) request an evidentiary hearing before the Chief Engineer, or
- 2) request administrative review by the Secretary of Agriculture.

Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary.

To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (i.e., within a total of 18 days after this Order was mailed to you), with: Kansas Department of Agriculture, Attn: Legal Section, 1320 Research Park Drive, Manhattan, KS 66502, FAX (785) 564-6777.

If you do not file a request for an evidentiary hearing before the Chief Engineer, you may petition for administrative review of the Order by the Secretary of Agriculture. A petition for review shall be in writing and state the basis for requesting administrative review. The request for hearing may be denied if the request fails to clearly establish factual or legal issues for review. See K.S.A. 77-527. The petition must be filed within 30 days after service of this Order as provided in K.S.A. 77-531 (i.e., within a total of 33 days after this Order was mailed to you), and be filed with: Secretary of Agriculture, Attn: Legal Division, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, KS 66502, FAX (785) 564-6777.

If neither a request for an evidentiary hearing nor a petition for administrative review is filed as set forth above, then this Order shall be effective and become a final agency action as defined in K.S.A. 77-607(b). Failure to timely request either an evidentiary hearing or administrative review may preclude further judicial review under the Kansas Judicial Review Act.

County of Riley

Any request for hearing or petition for administrative review shall be in writing and shall be submitted to the attention of: Chief Legal Counsel, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, Fax: (785) 564 – 6777.

Ordered this 31 day of , 2018, in Topeka, Shawnee County, Kansas. David W. Berfield, P.E.

Chief Engineer

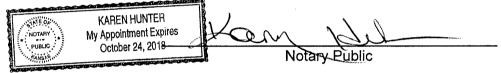
Division of Water Resources

CHIEF ENGINEER

Division of Water Resources

Ansas Department of Agriculture State of Kansas SS

The foregoing instrument was acknowledged before me this $\,\,3\,\mathrm{l}\,\,$ W. Barfield, P.E., Chief Engineer, Division of Water Resources, Kansas Department of Adriculture.



CERTIFICATE OF SERVICE

Application, File No. 49,751-A, dated class, US mail to the following:

2018, I hereby certify that the foregoing Approval of , 2018, was mailed postage prepaid, first

CITY OF CONWAY SPRINGS **PO BOX 187** CONWAY SPRINGS KS 67031-0187

With photocopies to:

Stafford Field Office

Division of Water Resources

APPLICATION COMPLETE Reviewer_

F.O. Code THE STATE



OF KANSAS

WATER RESOURCES RECEIVED

> JAN 06 2017 11:05

KS DEPT OF AGRICULTURE

KANSAS DEPARTMENT OF AGRICULTURE Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES David W. Barfield, Chief Engineer

•	- OF ACDICULTURE	PROPRIATE WATE Filing Fee Must Acc	FOR PERMIT TO R FOR BENEFICIAL US company the Application attached to this application form.	VI.US
			er Resources, Kansas Depa e, Manhattan, Kansas 6650.	
1.	Name of Applicant (Please P	rint): City of Conway Sr	orings	
	Address: PO Box 187			
	City: Conway Springs		State KS	Zip Code <u>67031-0187</u>
	Telephone Number: (_)	<u> </u>	
2.	The source of water is:	☐ surface water in		
	OR	M groundwater in Ark	(stream	n)
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Meets K.A.R. 5-3-1 (FS/NO) Use MUN Source 6/S County SU By Asw Fee \$ 200 TR # Receipt Date 1 10 17 Check #

HEROUNCES	V/M
CONTRACTO	

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	+ · +	HUI HE	√Township <u>3</u>	1 South, Ran	ge <u>3</u> West (c	ircle one), <u>Sumner</u>	County	Kansas. <u>PDIV ID 3740</u>
7.0	tele V	(B)	One in the	quarte	r of the	_ quarter of the	quarter of Section _	, more particularly
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3.	નકા <i>)</i>)	rigot	section, in T	ownship	South, Ra	nge East/W	est (circle one),	County, Kansas.
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			described a	s being near	a point	_ feet North and _	feet West of the S	outheast corner of said
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			described a	s being near	a point	_ feet North and _	feet West of the S	outheast corner of said
			section, in T	ownship	South, Ra	nge East/We	est (circle one),	County, Kansas.
		wells the s A ba four not t	s, except that same local so attery of wells wells in the s	a single appource of supplois defined as came local sootal maximun	lication may ing y which do no two or more w urce of suppl	nclude up to four we t exceed a maximul wells connected to a y within a 300 foot r	shall be filed for each prells within a circle with a common rate of 20 gas a common pump by a material which are been minute and which supper minute and which supper supper supper minute and which supper minute and which supper minute and which supper supper minute and which supper supper minute and which supper minute and which supper	quarter (¼) mile radius ir llons per minute per well anifold; or not more than eing operated by pumps
	6.		•		rsion if other	than the applicant	is (please print):	
	×		licant					
	, –			•	(name,	address and telepho	ne number)	
					(name,	address and telepho	ne number)	
		land	owner's auth	orized repres	entative. Pro		he point of diversion fro orded deed, lease, ease g sworn statement:	
			landowner	or the landou	maric authori	zod roprocontativo	ion described in this applicant in the second secon	of porium, that the
		<u>The</u>	applicant mu	st provide the	required info	rmation or signature	e irrespective of whether	they are the landowner.
			ure to comple eturned to the		of the applica	ation will cause it to	be unacceptable for filing	g and the application will
	7.	The	proposed pro	oject for diver	sion of water	will consist of	(number of wells, pump	
		and	(was) comple	eted (by) July	/ 20, 1976			
i	8.	The	first actual a			•	ear - each was or will be com use was or is estimated	•
		(Mo/E	Day/Year)	-	·			
1.4	, \$ ³ , ,		71 VIII		•	face of		
	*						,	

SCANNED KS DEPT OF AGRICULTURE

	JAN 06 2017 JAN 1 7 2017 UNACCEPTABLE FOR PRIORITY
•	WATER RESOURCES WATER RESOURCES RECEIVED WATER RESOURCES RECEIVED
	quanity to 93.418 m.g when combined with wtaer right file nos. 8,670, 23,994 and 36,964.
	Partial overlap with file no. 23,994 in point of diversion. Complete overlap in place of use with three files. Limit
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.
	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.
	(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.
	(d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
	(c) If the application is for surface water, the names and addresses of the landowner(s) ½ mile downstream and ½ mile upstream from your property lines must be shown.
	(b) If the application is for groundwater, please show the location of any existing water wells of any kind within ½ 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 ½ mile, please advise us.
	(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.
11.	The application <u>must</u> 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:
	If no, explain here why a Water Structures permit is not required
	If yes, show the Water Structures permit number here
	Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources? ☐ Yes ☐ No
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.
	All chemigation safety requirements must be met including a chemigation permit and reporting requirements.
	☐ Yes ☒ No If "yes", a check valve shall be required.
9.	Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?

KS DEPT OF AGRICULTURES DEPT OF AGRICULTURE

					FIIE NO.		
3.	Furnish the following well inform has not been completed, give in					undwater. If the w	'ell
	Information below is from:] Test holes	⊠ Well :	as completed	☐ Drillers	log attached	
	Well location as shown in para	graph No.	(A)	(B)	(C)	(D)	
	Total depth of well	_					
	Depth to water bearing formation	 on		E-74-71-2-74-14		V 	
	Depth to static water level	_					
	Depth to bottom of pump intake	e pipe					
4.	The relationship of the appli	cant to the p	proposed p	lace where the	water will	be used is that	of
	(owner, tenant, agent or otherwise)						
5.	The owner(s) of the property w	here the wate	r is used, if	other than the a	pplicant, is (p	lease print):	
			······				
		(name, addr	ess and tele	phone number)			
		(name, addr	ess and tele	phone number)			
6.	The undersigned states that the		et forth abo	ve is true to the t	est of his/he	knowledge and th	ıat
	this application is submitted in g	=	10	\mathcal{D}_{i}	١	2 = 11	
	Dated at Conway Sprin	کم , Kansas	, this <u>l</u>	day of UCC	(month)	- , <u>کالاله</u> (year)	<u> </u>
. 🗸	L. Muse	\sim					
*	(Applicant Signature)	<u> </u>	<u>_</u>			marker o	
<u>By</u>	(Agent or Officer Signature	2)					
	(Agent of Officer digitature	-)					
	(Agent or Officer - Please Pr	int)	<u> </u>				
ssiste	d by <u>BAT/AJW</u>	<u>D</u>	WR (o	ffice/title)	Date: <u>5/</u> 2	23/2016	_
		0.408	antikor, 20 Codroni,	OURCES ""	8-39-77-FAVV		
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MUNICIPAL (PUBLIC WATER SUPPLY) APPLICATION SUPPLEMENTAL INFORMATION SHEET

Application File Number

SECTION 1: PRESENT WATER USE SUMMARY (IF NO PREVIOUS MUNICIPAL WATER USE HAS BEEN UTILIZED, PROCEED TO SECTION 3)
NOTE: WORKSHEET FOR WATER PUMPED, PURCHASED, AND SOLD BY YOUR WATER DISTRIBUTION SYSTEM.

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
			Water Sold to Your	Water Sold to Your		
Raw Water Diverted	Water Purchased	Water Sold to Other	Industrial, Stock, and	Residential and	Other	Remaining Water Used
Under Your Rights	From All Sources	Public Water Suppliers	Bulk Customers	Commercial Customers	Metered Water	(See Below Explanation)
44,711,000	-	7,095,000	170,000	29.753,000	626,000	7,067,000
TOTAL WATER =	: Columns 1 + 2		ACCOUNTED FOR WATER	R = Columns 3 + 4 + 5 + 6		UNACCOUNTED FOR WATER

UNACCOUNTED FOR WATER = TOTAL WATER - ACCOUNTED FOR WATER

- Column 1: The amount of raw water diverted from all of your points of diversion.
- Column 2: The amount of water purchased wholesale from all other public water supply systems or the Kansas Water Office.
- Column 3: The amount of water sold wholesale to all other public water supply systems.
- Column 4: The amount of water sold retail to all industrial, pasture, stockwater, feedlot, and bulk water service connections. Include the amount of water sold to all farmsteads using at least 200,000 gallons of water per year.
- Column 5: The amount of water sold retail to your residential and commercial customers and to industries and farmsteads using less than 200,000 gallons of water per year.
- Column 6: The amount of water used that is metered at individual service connections and supplied free, such as for public service, treatment processes, and connections receiving free water.
- Column 7: The amount of remaining water used. The gallons reported in this column are found by adding the numbers in Columns 1 and 2 and subtracting the numbers in Columns 3, 4, 5, and

20140215 200	70 1 01 000		20. 727 000	195 444	20 002 000	717 444	9 1111 000
Ź	Under Your Rights	From All Sources	Water Suppliers	Customers	Customers	Metered Water	(See Above Explanation)
₽	Raw Water Diverted	Water Purchased	Water Sold to Other Public	Water Sold to Your	Water Sold to Your Residential and Commercial	Other	Remaining Water Used
ő	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Rolumn 7
<u>တ</u> .					CE CE	.	2 2 13
SECTION 2: PAST V		WING TARLE FROM	YOUR PAST WATER USE	RECORDS	2017	TJR.	RESOURCI CEIVED 1976 P2019 - AGRICULI
If this number ex	xceeds 20%, please expla	ain the large amount of ur	naccounted for water and descril	be any steps being taken to redu	# * * * * * * * * * *	URCE 2017 2017	GRI GRI
For Wate	er Total W	/ater (Columns 1,2)		, •	PF OF		
Use the following to ca Percent Unacc		naccounted For vvater counted For Water	rversus the Total Water of y x 100	our system:	꼭 곧 끊었	AC TES	和
							Ta go Ai
Start with the arr	nount in Column 1 and ad	d the amount in Column 2	2, then subtract the amounts in C	Columns 3, 4, 5, and 6 leaving an	amount of water representing your	unaccounted for water to	enter in Column 7.
Use the following to c	alculate your distribution	on system's Unaccour	nted For Water:		Ç T		z Ü
UNACCOUNTED FOR	R WATER				2	Š <	Ć
	9	•					. 5
Column /: The amo	ount of remaining water	or uocu. The ganono i	oportou in this column are it	ound by adding the numbers	s in Columns 1 and 2 and subtr	acing the numbers in	i Oolulliis s, 7, s, aliggo.

Ô	Column 1	Column 2	Column 3	Column 4	ຕິ Column 5 🕜	Column 6	plumn 7⊋
Ď				Water Sold to Your	Water Sold to Your		
Z	Raw Water Diverted	Water Purchased	Water Sold to Other Public	Industrial, Stock, and Bulk	Residential and Commercial	Other	Remaining Water Used
Z	Under Your Rights	From All Sources	Water Suppliers	Customers	Customers	Metered Water	(See Above Explanation)
20 years ago	78, 681, 000)	30,732,000	195,000	38, 082, 000	262,000	9, 414, 000
15 years ago	96,941,000	_	43,567,000	506,000	41,681,000	3176,000	8,011,000
10 years ago	89, 678, 000	•	42, 381, 000	1,830,000	32, 931, 000	423 000	/2,1/3,000
5 years ago	99,967,000	(<i>55</i> ,04 <i>5</i> ,000	65,000	32,773,000	297,000	11,787 000
	TOTAL WATER	= Columns 1 + 2	Α	CCOUNTED FOR WATER	= Columns 3 + 4 + 5 + 6		UNACCOUNTED FOR WATER

	Column 1	Column 2	Column 3	Column 4 Water Sold to Your	Column 5 Water Sold to Your	Column 6	Column 7
	Raw Water Diverted Under Your Rights	Water Purchased From All Sources	Water Sold to Other Public Water Suppliers	Industrial, Stock, and Bulk Customers	Residential and Commercial Customers	Other Metered Water	Remaining Water Used (See Explanation on other side)
Year 5	90,000,000		46,000,000	600,000	33,000:000	400,000	10,000,000
Year 10	90,000,000		46,000,000	600,000	33,000,000	400,000	/0,000,000
Year 15	90,000,000	_	46,000,000	600,000	33,040,000	400,000	10,000,000
Year 20	90,000,000	-	46,000,000	600,000	33,000,000	400,000	/0,000,000
	ŤOTÁL WATER =	Columns 1 + 2		COUNTED FOR WATER	= Columns 3 + 4 + 5 + 6		UNACCOUNTED FOR WATER

ESTIMATE THE NUMBER OF PERSONS DIRECTLY SERVED BY YOUR WATER DISTRIBUTION SYSTEM

PAST POPULATION - PROVIDE INFORMATION BELOW: (CENSUS BUREAU INFORMATION)

LAST 20 YEARS	POPULATION
20 years ago	1422
15 years ago	1322
10 years ago	1228
5 years ago	1271
Last Year	1239

N SYSTEM
PROJECTED FUTURE POPULATION
ESTIMATE FUTURE POPULATION AND SUBSTANTIATE NUMBERS ON SEPARATE ATTACHMENTS

	And 18%				
∴ ≲ NE	XT 20 Y	EARS	PC	PULATION :	
Year 5		-:	123	9	
Year 10	W.		123	39	
Year 15			123	, 9	
Year 20		•	123	∮ 9	

Provide number of current active service connections:

450	Residential		Industrial	8	_ Other (specify)	CITY OWNED
47	Commercial	-	Pasture/ Stockwater/ Feedlot	513	Total	

SECTION 5: PRESENT GALLONS PER PERSON PER DAY CALCULATE YOUR GALLONS PER PERSON PER DAY

Water in Columns 5, 6, and 7 ÷ Population ÷ 365 Days/Year = Gallons per Person per Day

37,446,000 ÷ 365 Days/Year = Population from Last Columns 5, 6, and 7 Year of Section 4 of Section 1

SECTION 6: AREA TO BE SERVED

Describe the area to be served or provide the legal description of the location where the water is to be used including any other city of water supply system (i.e. Rural Water District): 5-31S-3W, City of Viola. 5-31S-3W, Citty of Conway Springs and Immediate Vicinity. 5-31S-3W RWD #5 Sumner Co. 5-31S-3W, City of Milan

49751-A

Projected Future Population

When looking at the population trend over the last 50 years (1960-2010), there is a positive growth trend. When looking at the population trend from 1990 to 2010, there is a negative growth trend. The City is actively trying for growth in the community. It is anticipated that extreme growth will not occur. To accommodate both the more current population trends and potential growth the City would like to have, we anticipated future populations at the current population level of 1239.

WATER RESOURCES RECEIVED

JAN 17 2017

KS DEPT OF AGRICULTURE

WATER RESOURCES RECEIVED

UNACCEPTABNE FOR PRIORITY

KS DEPT OF AGRICULTURE

WATER RESOURCES RECEIVED

JAN 06 2017

KS DEPT OF AGRICULTURE

SCANNED

McColloch, Austin [KDA]

From:

Lanterman, Jeff [KDA]

Sent:

Tuesday, July 3, 2018 9:32 AM

To: Cc: McColloch, Austin [KDA]

Subject:

Conant, Cameron [KDA]
FW: Recommendation Conway Springs

Attachments:

49751-A Memo.doc; 49751-B Memo.doc

Austin.

I agree with going ahead and approving these apps with a waiver of the DUA closure since the application is not for additional water from the dua(dua wont change). The limit is staying in place. Meets local SY.

I don't think the little bit extra water and rate in the local area should impair anyone. But if it does we can deal with it.

Lets approve these.

Thanks Jeff

From: Conant, Cameron [KDA]

Sent: Monday, July 2, 2018 4:06 PM

To: Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov> **Subject:** FW: Recommendation Conway Springs

Jeff, we know what is going on here and we know the end game and why the city is trying to do this. I agree with Austin below... "49751-A is additional rate only, pretty straight forward".

49751-B is requesting about 18AF additional at 100gpm additional. Recall though, that this is in a closed DUA and the additional 18 AF still meets the 2 mile SY and the new file is limited such that it is not allowing additional water from the DUA, there is still an overarching limitation of 93.418MGY which will remain in place and not be increased. I think a waiver of the DUA closure is possible b/c the limitation does not allow additional water to be pumped.

Personally, I think we just need to approve them both and be done with it with a waiver of the DUA closure. As the memo notes, we sent ~30 nearby notification letters and received 1 letter of concern from a domestic well ~1600' away. I don't think we are going to be impairing anyone because of this and think the efficient operation of the new treatment plant is certainly in the public interest.

Let me know if you want to talk it over more or if you just want to call Kristen and discuss it.

Cameron

From: McColloch, Austin [KDA] Sent: Friday, May 4, 2018 2:09 PM

To: Lanterman, Jeff [KDA] < <u>Jeff.Lanterman@ks.gov</u>> **Cc:** Conant, Cameron [KDA] < <u>Cameron.Conant@ks.gov</u>>

Subject: Recommendation Conway Springs

Jeff and Cameron,

Attached are my draft memos for File Nos. 49,751-A & 49,751-B submitted by the City of Conway Springs. File No. 49,751-A is additional rate only, pretty straight forward using K.A.R. 5-4-5(b)(2). For File No. 49,751-B SY in the two mile circle is met, but a waiver for the DUA is needed. Let me know if you guys need more information.

Thanks,

Austin McColloch Environmental Scientist Ph: (785) 564-6643



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

Jackie McClaskey, Secretary

Governor Sam Brownback

June 28, 2017

MARGARET L KERSCHEN 910 N SUMNER RD CONWAY SPRINGS, KS 67031



Re:

Application

File No. 49,751-A

Dear Mrs. Kerschen:

This is to advise you that the City of Conway Springs has filed the application referred to above for permit to appropriate 19.503 million gallons of water per calendar year for municipal use to be diverted at a maximum rate of 175 gallons per minute. Please note this is an **existing well**, and the application is requesting an **increase in rate of diversion only** (i.e. no additional quantity of water from the existing well). The well is located as follows:

one (1) well located in Lot 6 of Section 6, more particularly described as being near a point 2,605 feet North and 4,206 feet West of the Southeast corner of said section, in Township 31 South, Range 3 West, Sumner County, Kansas.

Records in this office indicate that you may have a well or wells in this vicinity and you are notified of receipt of this application in order that you may be fully informed of the proposed location of the applicant's point of diversion and proposed use of water. Consideration will be given to comments or other information which you desire to submit to this office **within 15 days** from the date of this letter.

If you have any questions, please contact me at (785) 564-6643. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Austin McColloch

Environmental Scientist

Division of Water Resources

Enclosure(s)

pc: Sta



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

Jackie McClaskey, Secretary

Governor Sam Brownback

June 28, 2017

EDDIE & JOYCE ALLEN LEROY & CLEO SHOBE 218 S 12TH ST CONWAY SPRINGS, KS 67031



Re:

Application

File No. 49,751-A

Dear Sir or Madam:

This is to advise you that the City of Conway Springs has filed the application referred to above for permit to appropriate 19.503 million gallons of water per calendar year for municipal use to be diverted at a maximum rate of 175 gallons per minute. Please note this is an **existing well**, and the application is requesting an **increase in rate of diversion only** (i.e. no additional quantity of water from the existing well). The well is located as follows:

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Sincerely,

Austin McColloch

Environmental Scientist

Division of Water Resources

Enclosure(s)

pc:



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

Jackie McClaskey, Secretary

Governor Sam Brownback

June 28, 2017

PAUL & C F FRIESS REV LIV TR 871 N MILAN RD CONWAY SPRINGS, KS 67031

FILE COPY

Re:

Application

File No. 49,751-A

Dear Sir or Madam:

This is to advise you that the City of Conway Springs has filed the application referred to above for permit to appropriate 19.503 million gallons of water per calendar year for municipal use to be diverted at a maximum rate of 175 gallons per minute. Please note this is an **existing well**, and the application is requesting an **increase in rate of diversion only** (i.e. no additional quantity of water from the existing well). The well is located as follows:

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Sincerely,

Austin McColloch

Environmental Scientist

Division of Water Resources

Enclosure(s)

pc: S

Kansas

Department of Agriculture
agriculture.ks.gov

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

Jackie McClaskey, Secretary

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

Governor Sam Brownback

June 28, 2017

PAUL R JR & JEANETTE H ACHENBACH 869 N BLUFF RD CONWAY SPRINGS, KS 67031

FILE COPY

Re:

Application

File No. 49,751-A

Dear Mr. or Mrs. Achenbach:

This is to advise you that the City of Conway Springs has filed the application referred to above for permit to appropriate 19.503 million gallons of water per calendar year for municipal use to be diverted at a maximum rate of 175 gallons per minute. Please note this is an **existing well**, and the application is requesting an **increase** in rate of diversion only (i.e. no additional quantity of water from the existing well). The well is located as follows:

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If you have any questions, please contact me at (785) 564-6643. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Austin McColloch

Environmental Scientist

Division of Water Resources

Enclosure(s)

pc:



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

Jackie McClaskey, Secretary

Governor Sam Brownback

June 28, 2017

FREDDIE N BOOHER REV TR 11703 SHRIAC WICHITA, KS 67209

FILE COPY

Re:

Application

File No. 49,751-A

Dear Sir or Madam:

This is to advise you that the City of Conway Springs has filed the application referred to above for permit to appropriate 19.503 million gallons of water per calendar year for municipal use to be diverted at a maximum rate of 175 gallons per minute. Please note this is an **existing well**, and the application is requesting an **increase in rate of diversion only** (i.e. no additional quantity of water from the existing well). The well is located as follows:

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If you have any questions, please contact me at (785) 564-6643. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Austin McColloch

Environmental Scientist

Division of Water Resources

Enclosure(s)

pc:



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

Jackie McClaskey, Secretary

Governor Sam Brownback

June 28, 2017

FILE COPY

JAMES W & BETTY HARE 1331 W 90TH AVE N CONWAY SPRINGS, KS 67031

Re:

Application

File No. 49,751-A

Dear Mr. or Mrs. Hare:

This is to advise you that the City of Conway Springs has filed the application referred to above for permit to appropriate 19.503 million gallons of water per calendar year for municipal use to be diverted at a maximum rate of 175 gallons per minute. Please note this is an **existing well**, and the application is requesting an **increase** in rate of diversion only (i.e. no additional quantity of water from the existing well). The well is located as follows:

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If you have any questions, please contact me at (785) 564-6643. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Austin McColloch

Environmental Scientist

Division of Water Resources

Enclosure(s)

pc:

1320 Research Park Drive Manhattan, Kansas 66502



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

Sam Brownback, Governor

Jackie McClaskey, Secretary

January 18, 2017

CITY OF CONWAY SPRINGS PO BOX 187 CONWAY SPRINGS KS 0



RE: Application File No. 49751-A

Dear Sir or Madam:

Your application for permit to appropriate water in 06-31S-03W 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) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Brent A Turney, P.G.

Change Application Unit Supervisor

Water Appropriation Program

BAT: dlw

oc: STAFFORD Field Office

GMD 0

Carl E. Nuzman, P.E., P.Hg. Consulting Engineer/Hydrogeologist 3314 NW Huxman Rd Silver Lake, KS 66539

785 224 9929 (cell)

Dept. of Agriculture, Division of Water Resources 1320 Research Park Drive Manhattan, KS 66502

May 25, 2016

TO: David W. Barfield, Chief Engineer

FOR: The City of Conway Springs, KS for well No. 15

RE: New water right application to increase the allowable pumping rate only for Well #15

The City of Conway Springs is in the process of up grading their water system by installing a new water treatment plant to remove undesirable minerals from their water supply. The consulting engineering firm desires to increase the pumping rate allowable from what is known as well No. 15 from the present authorized rate of 70 gpm (File No. 23,994) to 175 gpm an increase of 105 gpm. There will be no increase in the annual authorized quantity of 19.503 mgy. Layne Western has test pumped this well up to 200 gpm, the well test data sheet is attached. The purpose of this request is to better match flows to the water treatment process for efficient plant operation.

In accordance with regulation K.A.R. 5-4-5 paragraph (b)(2) the following information is submitted to the chief engineer for consideration of approval of this application:

(2)(A) The authorization will not impair existing water rights; the nearest irrigation well (File No. 34941) is about ½ mile to the SW of No. 15 and outside of the cone of depression. Well 15 will only be operated a few hours in the morning and again only a couple of hours or so in the evening usually on alternate days. No long term continuous pumping will be made of this well thus developing a significant cone of depression that would adversely this or any other irrigation well in the vicinity.

(2)(B) The approval of this application will not prejudicially and unreasonably affect the public interest; the appropriation is for municipal use and many of the residences in the area are currently served by the City. After improvements to the water system a separate treated water supply line of smaller diameter may be installed to continue this water service.

(2)(C) The approval of this application will not increase the consumptive use in violation of K.A.R. 5-5-3; No Increase in annual appropriation of quantity will be made under this new application to appropriate water and no increase in place of use will be made.

Respectfully submitted for your consideration,

WATER RESOURCES RECEIVED

WATER RESOURCES

Carl E. Nuzman, P.E., P.MATER RESOURCES RECEIVED

JAN 1 7 2017

UNACCEPTABLE FOR PRIORITY

KS DEPT OF AGRICULTURE

KS DEPT OF AGRICULTURE

JAN 06 2017.

	Properties within 2,640 feet of Well #15									
Map Number	Parcel ID (PIN)	Quick Ref.	Owner Information	Property (Situs) Address	Mailing Address					
1	096-083-06-0-00-00-002.00-0	R5156	ALLEN,EDDIE D & JOYCE E & SHOBE,LEROY E & CLEO J (P)	S06, T31, R03W, ACRES 153.2, NW4 LESS ROW Acres = 153.20 NeighborhoodCode = 008.1	218 S 12TH ST CONWAY SPRINGS, KS 67031					
V 2	096-071-01-0-00-001.00-0	R4631	HARE, JAMES W & BETTY (P)	1331 W 90TH AVE N, Conway Springs, KS 67031 Acres = 75.30 NeighborhoodCode = 007.0	1331 W 90TH AVE N CONWAY SPRINGS, KS 67031					
√ 3	096-071-01-0-00-00-007.00-0	R4637	ACHENBACH, PAUL R JR & JEANETTE H (P)	869 N BLUFF RD, Conway Springs, KS 67031 Acres = 2.90 NeighborhoodCode = 007.0	869 N BLUFF RD CONWAY SPRINGS, KS 67031					
√ 4	096-071-01-0-00-00-007.01-0	R4638	HARE,JAMES W & BETTY (P)	S01, T31, R04W, ACRES 74.1, S2-NE4 LESS BEG 20'W NE COR TH S365',W345',N365',E345' TO POB & LESS ROW Acres = 74.10 NeighborhoodCode = 007.0	1331 W 90TH AVE N CONWA SPRINGS, KS 67031					
V 5	096-071-01-0-00-00-006.00-0	R4636	BOOHER, FREDDIE N;REV TR (P)	S01, T31, R04W, ACRES 149.4, SE4 LESS ROW Acres = 149.40 NeighborhoodCode = 007.0	1475 HORNECKER DR WICHITA, KS 67235					
J 6	096-083-06-0-00-00-003.00-0	R5158	KERSCHEN, MARGARET L (P)	S06, T31, R03W, ACRES 154.1, SW4 LESS ROW Acres = 154.10 NeighborhoodCode = 008.1	910 N SUMNER RD CONWAY SPRINGS, KS 67031					
V 7	096-083-06-0-00-00-004.01-0	R5160	ALLEN,EDDIE D & JOYCE E & SHOBE,LEROY E & CLEO J (P)	S06, T31, R03W, ACRES 84.3, W2-SE4 LESS ROW Acres = 84.30 NeighborhoodCode = 008.1	218 S 12TH ST CONWAY SPRINGS, KS 67031					
√8	096-083-06-0-00-00-001.00-0	R5155	FRIESS,PAUL;REV LIV TR & FRIESS,C F:REV LIV TR (P)	871 N MILAN RD, Conway Springs, KS 67031 Acres = 160.60 NeighborhoodCode = 008.1	871 N MILAN RD CONWAY SPRINGS, KS 67031					

WATER RESCURCES RECEIVED

JAN 06 2017 UNACCEPTABLE FOR PRIORITY

KS DEPT OF AGRICULTURE

WATER RESOURCES
RECEIVED

SCANNED



WELL TEST DATA SHEET Layne Christensen Company

PROFESSIONAL SERVICES FOR WATER SYSTEMS ____

					L	ayne Office	ce Contact	nformati	on Here		
Job Name		Conway Springs KS Job # : 33851 Date			2/26/2015						
Location		37 22' 3	7.6" N, 97 4	1' 23.1" W	Well ID:		15		Tested By		Jon Fife
Dia. of Well		10"							Driver typ	e & HP	
Depth of We	ell	43.7	ft.	Orific	e Size				Column &	Shaft size	
Length of Air	rline		ft.	Flowmeter	type & Size		4"		Bowl mod		
Pump Setting	g	40	ft.					Manufacturer		Layne 25Hp Test Pump	
Static Level		21.5	ft.	Page :		Of		Pump serial No.			
Time	Piez. (in)	G.P.M.	Air Gauge (ft)	Pumping Level	Drawdown	Specific Capacity	Discharge Lbs.	Total Head	Sand PPM	AMPS / RPM	Remarks
30min		100		27	5.5	18.18		27			
60min		150		30.75	9.25	16.22		30.75			
90min		200		33.8	12.3	16.26		33.8			
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SCANNED

City of Conway Springs New Application



