Submit To: CHIEF ENGINEER
Division of Water Resources
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan, Kansas 66502
http://agriculture.ks.gov/dwr

APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE, THE POINT OF DIVERSION OR THE USE MADE OF THE WATER UNDER AN EXISTING WATER RIGHT



Filing Fee Must Accompany the Application (Please refer to Fee Schedule on signature page of application form.)

Paragraph Nos. 1, 2, 3, 4 & 8 must be completed. Complete all other applicable portions. A topographic map or detailed plat

	showing the authoriz	zed an				use must accompany this application.
						W ATER RESOUR CES RECEIVED
۱.	Application is hereby m	ade fo	or approval of the Chief I	Engineer to	change the	
			Place of Use			MAY 1 2 2017
	(Check one or more)	\boxtimes	Point of Diversion			\(): 니니 KS DEPT OF AGRICUL TURE
			Use Made of Water			The same of the sa
			File No. <u>1</u>	5907		•
2.	Name of applicant: City	of Cu	nningham			
	Address: PO Box 188		·			·
	City, State and Zip: Cur	nningh	am, KS 67035			· · · · · · · · · · · · · · · · · · ·
	Phone Number: <u>(620)29</u>	<u>98-307</u>	77	E-mail add	lress: <u>clerk@67</u>	7035
	What is your relationshi	ip to th	ne water right; 🛚 owner	· ☐ tenant	: 🗌 agent 📋	other? If other, please explain.
	Name of water use corr	respon	dent: City of Cunningha	am		
	Address: PO Box 188					
	City, State and Zip: Cun	nningh	am, KS 67035			
	Phone Number: <u>(620) 2</u>	<u> </u>	77	E-mail add	lress: <u>clerk@67</u>	035
3.	The change(s) proposed	d here	in are desired for the fo	llowing reas	sons (please be	e specific): This change will make a battery of
	three (3) wells, created	from t	the two (2) currently aut	thorized we	lls and the add	ition of one (1) well. The creation of a battery
	and addition of a third	well w	ill ensure redundancy a	and will aid	in blending eff	orts for the system. The currently authorized
	wells meet the definition	n of a b	battery and have been o	operated as	such. There is	no proposed increase to rate or quantity.
	The change(s) will be co	omplet	ted by <u>as soon as feasib</u>	ble after app	oroval of chang	e application. (Date)
F.C	r Office Use Only: D GMD Meets	s K.A.	R. 5-5-1 (YES / NO) Use Fee \$ TR :	MUN #	Source (G) S Receipt	County CM By N Date 5/11/17 Date 5 12 17 Check # 27946

DWR 1-120 (Revised 06/16/2014)

Assisted by: TJS/JKL - SFFO

5/15/17 DW

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																File N	o. <u>159</u>	07	
1. The	e prese	ently au	ıthoriz	ed pla	ice of	use is	:												
	Owne	er of La	nd —	- NAM	1E: <u>Ci</u>	ty of C	Cunnin	gham									 		
			AD	DRES	SS: <u>P</u>	O Box	188, 0	Cunnir	ngham	KS 6	7035								
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ist any	other	water	rights	that co	over th	is pla	ce of u	ıse. K	M 004	!	11	1	1	1	<u>II</u>	1,	<u> </u>	1	<u> </u>
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	(If the	ere are	more	than t	wo lan	down	ers, at	tach a	dditior	nal she	eets as	s nece	ssary.)					
. It is	propo	sed tha	at the	place	of use	be ch	angeo	to:											
	Owne	er of La	nd	NAM	IE: <u>No</u>	Char	nge		· · · · · · · · · · · · · · · · · · ·			····							~~~
			AD	DRES	SS: <u></u>	1													
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					= 7				,4	/-			/-	52/4	/-	/-	2.17.	0_/-	

List any other water rights that cover this place of use. ___

WATER RESOURCES RECEIVED

MAY 1 2 2017

						File No. <u>15907</u>	
6. T	he presently auth	norized point(s)	of diversion are two	(2) wells with dive	ersion works (Provide description and nu	mber of points)	·
7. TI	he proposed poir	nt(e) of diversion	n is <u>a battery of three</u>	a (3) walle with dis	•	mber or points)	
7. 10	ne proposed pon	it(s) of diversion	is a battery or times	e (3) Wells With th	(Provide description and nu	mber of points)	 ·
Li	ist all presently	authorized poi	nt(s) of diversion:				
8. P	resently authori	zed point of di	version:				
o	ne in the	NW	Quarter of the	SW	Quarter of the	SE (Lot 8)	Quarter
ı					 South, Range		
					2607 feet West of		
					ntity47.747 MGY		
					feet North 25		st)
	This point will	not be change	d 🔲 This point v	will be changed a	as follows:	····	
<u> P</u>	roposed point o	f diversion: (C	omplete only if cha	ange is requeste	d) West Well of Batte	ry	
0	ne in the		Quarter of the		Quarter of the		Quarter
of	f Section		, Township		South, Range		W,
in		Coun	ty, Kansas,	feet North	feet West of	Southeast corner	of section.
Pr	roposed Rate <u>s</u>	ee geocenter	Proposed Quantity	see gecenter			
LTI	his point is: 🔲 A	dditional Well	☐ Geo Center Lis	t other water righ	ts that will use this poin	t KM 004	
_							
i —	resently authori			•			
					Quarter of the		
					South, Range		
1 :		_	4. 1/ 000		0407 (1141 1 6	O 11 1	
					2497 feet West of	Southeast corner	of section.
A	uthorized Rate 29	95 GPM (Limited	d) Authorized Quar	ntity <u>47.747 MGY</u>	(Limited)		
Ai (D	uthorized Rate <u>29</u> DWR use only: 0	95 GPM (Limite Computer ID N	d) Authorized Quar	ntity <u>47.747 MGY</u> GPS <u>845</u>	(Limited) feet North24		
Au (D	uthorized Rate <u>29</u> DWR use only: (] This point will	95 GPM (Limite Computer ID No not be change	d) Authorized Quar o. 2 d d This point v	ntity <u>47.747 MGY</u> GPS <u>845</u> will be changed a	(<u>Limited)</u> feet North24 as follows:	80 feet Wes	
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IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY 2 2017

WATER RESOURCES RECEIVED

				File No. <u>15907</u>
12.	The	e pre	sently authorized use of water is for Municipal purpose	9S.
		•	posed that the use be changed to No Change	purposes.
13	lf cl	nanc	ing the place of use and/or use made of water, describe how the consumptive use w	ill not be increased
10.			posed change to the place of use or use made of water.	iii not be moreasea.
			resect change to the place of ase of ase made of water.	
	(Ple	ease	show any calculations here.)	
14.	It is	req	uested that the maximum annual quantity of water be reduced to	(acre-feet or million gallons).
15.	It is	req	uested that the maximum rate of diversion of water be reduced to	gallons per minute (c.f.s.).
16.	1:24 Kan Dist	4,00 nsas tanc ould	olication must include either a topographic map or detailed plat. A U.S. Geological 0, is available through the Kansas Geological Survey, 1930 Constant Avenue, U 66047-3726 (www.usgs.gov). The map should show the location of the presently es North and West of the Southeast corner of the section must be shown. The pralso be shown. Identify the center of the section, the section lines and the section contownship, and range numbers on the map. In addition the following information must	niversity of Kansas, Lawrence, authorized point(s) of diversion. esently authorized place of use orners and show the appropriate
	a.	If a	change in the location of the point(s) of diversion is proposed, show:	
		1)	The location of the proposed point(s) of diversion. Distances North and West of the must be shown. Please be certain that the information shown on the map agree Paragraph Nos. 9, 10 and 11 of the application.	
		2)	If the source of supply is groundwater, please show the location of existing war domestic wells, within $\frac{1}{2}$ mile of the proposed well or wells. Identify each well as to mailing address of the property owner or owners. If there are no wells within $\frac{1}{2}$ mile	to its use and furnish name and
		3)	If the source of supply is surface water, the names and mailing addresses of all la and $\frac{1}{2}$ mile upstream from your property lines must be shown.	ndowner(s) ½ mile downstream
	b.		change in the place of use is desired, show the proposed place of use by crosshatain that the information shown on the map agrees with the information shown in Para	
17.	loca well	also Ilog	documentation to show the change(s) proposed herein will not impair existing water ource of supply as to which the water right relates. This information may include states, test hole logs, and other information as necessary information to show the above elow.	tements, plats, geology reports,
	<u>All v</u>	well	s will be placed in the same local source of supply which is undifferentiated Kansan	Nebraskan age materials. Test
	hole	e loc	s are attached. Since the rate and quantity are not being increased and the currer	nt system has been in place for
	<u>dec</u>	ade	s impairment will not occur.	
18.	ider requ	ntify uest	roposed change(s) does not meet all applicable rules and regulations of the Kansas the rules and regulations for which you request a waiver. State the reason why a should be granted. Attach documentation showing that granting the request will not prejudicially and unreasonably affect the public interest.	waiver is needed and why the
	Rec	ues	t a waiver of K.A.R 5-2-3 Battery of Wells. Current wells meet the definition of a	battery and have always been
	<u>ope</u>	rate	d as such. Need the additional flexibility of a battery of wells and the addition of a	a third well for redundancy and
	pub	lic h	ealth and safety if one well should go down. In asking for a third well to the battery	, rate and quantity shall not be
	incr	eas	ed. Additionally, third well will be needed to assist with mixing due to increasing nitra	tes in the upper aquifer that the
	curr	ent	wells are placed in. Well will be completed in the same local source of supply	and aquifer. Current wells are

approximately 80 years old.

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IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

MAY 1 2 2017

APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR POINT OF DIVERSION SUPPLEMENTAL SHEET

FILE NO. <u>15907</u>

Presently authorize	d point of diversion:		
One in the	Quarter of the	Quarter of the	Quarter
of Section	. Township	South, Range	(E/W).
in	County, Kansas, feet	North feet West of Southeast corn Depth of well (fe feet North feet W	er of section.
Authorized Rate	Authorized Quantity	Depth of well (fe	eet)
(DWR use only: Co	mputer ID No. GPS	feet North feet W	/est)
☐This point will not be	e changed AThis point will be changed as fo	llows: No redrill, point better described with GPS	S as follows:
		equested) Geocenter of Battery of 3 Wells	
			Quarter
of Section	32 Township 27	South Range 10	Qdarter
in Kingman	County Kansas 784 feet	W Quarter of the SE (Lot 8) South, Range 10 North 2475 feet West of Southeast corn	er of section
Proposed Rate 545 (GPM (Limited) Proposed Quantity 47 747	MGY (Limited) Proposed well depth (feet)	
This point is: Add	litional Well	ater rights that will use this point KM 004	_
Dresently authorize	d point of diversion:		
		Overden of the	0
one in the	Quarter of the	Quarter of the	Quarter
or Section	, rownsnip	South, Range North feet West of Southeast corn	(E/VV),
In	County, Kansas, feet	North teet vvest or Southeast corn	er of section.
/DWB use only: Co	Authorized Quantity	Depth of well (fe	ec)
This point will not be	omputer ID No GPS	teet North teet w	est)
	,	llows: \square No redrill, point better described with GPS	s as follows:
	liversion: (Complete only if change is re		
One in the	Quarter of the	Quarter of the South, Range	Quarter
of Section	, Township	South, Range	(E/W),
in	County, Kansas, feet I	North feet West of Southeast corne Proposed well depth (feet)	er of section.
Proposed Rate	Proposed Quantity	Proposed well depth (feet)	
This point is: Add	litional Well 🔲 Geo Center List other wa	ater rights that will use this point	
Presently authorize	d point of diversion:		
		Quarter of the	Quarter
of Section	Township	South Range	(F/W)
in	County Kansas feet I	South, Range Northfeet West of Southeast corne	er of section
Authorized Rate	Authorized Quantity	Depth of well (fe	et)
(DWR use only: Co	mputer ID No. GPS	Depth of well (fe feet North feet W	est)
This point will not be	changed This point will be changed as fo	llows: No redrill, point better described with GPS	s as follows:
	liversion: (Complete only if change is re		
			Ouerter
of Section	Quarter of the	Quarter of the	Quarter
in Section	County Konson foot I	South, Range North feet West of Southeast corne	(E/VV),
Dranged Date	County, Kansas,leet i	Northleet west of Southeast corne	er of section.
This point is:	itional Well Con Contact List other wa	Proposed well depth (feet) ater rights that will use this point	•
This point is. Add	itional Well	ner rights that will use this point	 -

Presently authorize	d point of diversion:		
One in the	Quarter of the	Quarter of the	Quarter
of Section	, Township	South, Range	(E/W),
in	County, Kansas, feet i	South, Range North feet West of Southeast corne	er of section.
Authorized Rate	Authorized Quantity	Depth of well(fe feet Northfeet W	et)
(DWR use only: Co	mputer ID No GPS	feet North feet W	est)
		lows: No redrill, point better described with GPS	
Proposed point of d	iversion: (Complete only if change is re	WATER RESO	
One in the	On the state of the	RECEIVI	ED .
of Section	Quarter of the	Quarter of the	Quarter
in Section	, rownship	Quarter of the South, Range MAY 12 North feet West of Southeast corne	ZUIZ (E/VV),
Proposed Pata	County, Natisas, feet i	Proposed well death (feet)	er or section.
This point is:	itional Well Goo Conter List other wa	Proposed well depth (feet) ter rights that will use this points	ICULTURE .

File No.	15907

Any use of water that is not as authorized by the water right or permit to authorize water <u>before</u> the chief engineer approves this application is a violation of the Kansas Water Appropriation Act for which criminal or civil penalties may be assessed. Such violation is a class C misdemeanor, punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. K.S.A. 82a-728(b). Civil penalties shall be not less than \$100 nor more than \$1,000 per violation. In the case of a continuing violation, each day such violation continues may be deemed a separate violation. In addition to these penalties the water right may be modified or suspended. K.S.A. 82a-737, as amended.

The application must be signed by all owners of the place of use authorized under the water right and his or her spouse, if married. Please indicate if there is no spouse. If land is being purchased under contract, the seller must sign as landowner until such time as the contract is completed.

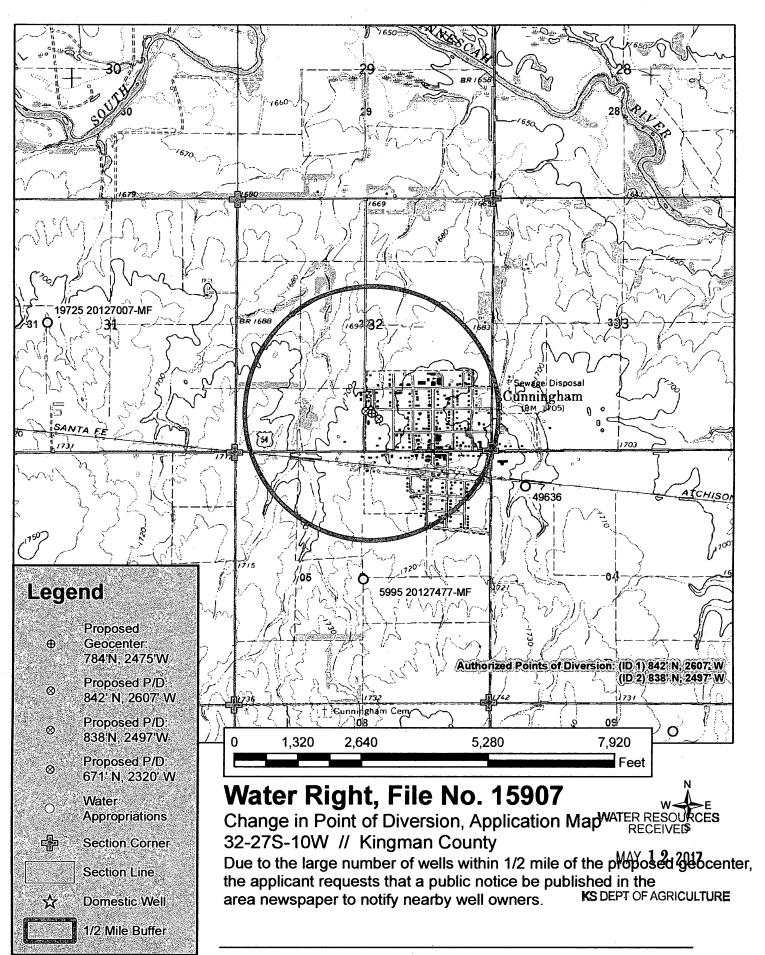
In the event that all applicants cannot appear before one notary public, they may as necessary sign separate copies of the application before any notary public conveniently available to them. All copies signed in this manner shall be considered to be valid parts of the application.

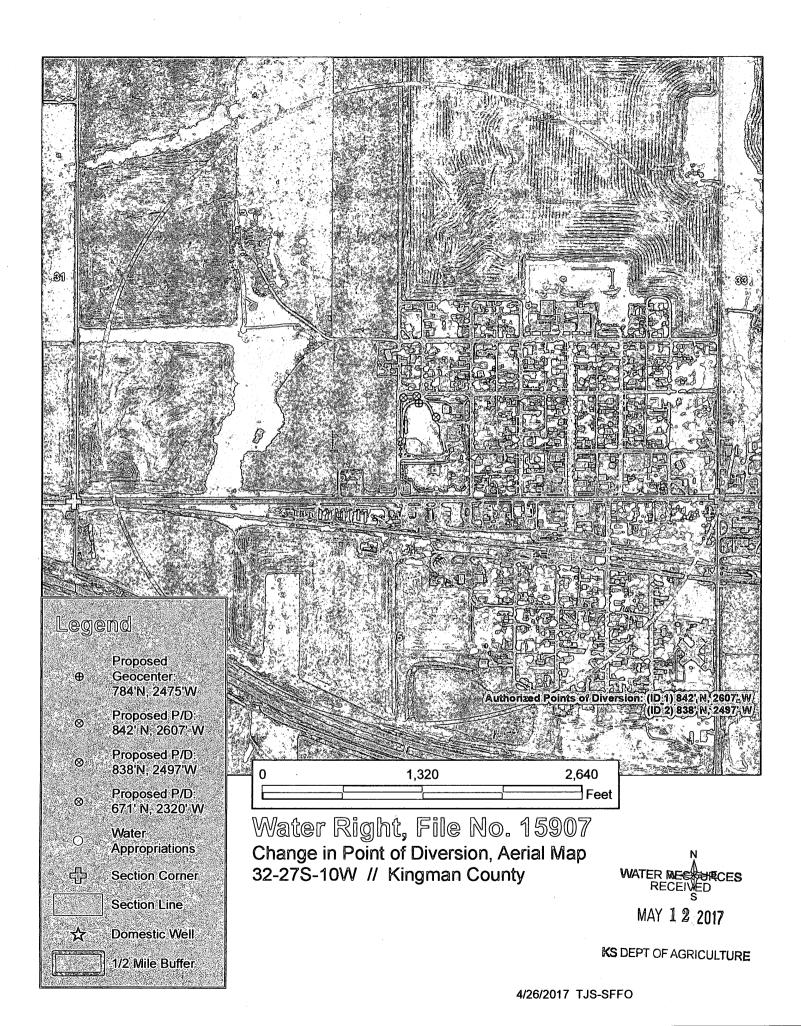
If the request is signed on behalf of any Owner by someone with legal authority to do so (for example, an agent, one who has power of attorney, or an executor, executrix, conservator), it will be necessary to attach proper documents showing such authority.

authorized to make this application on their behalf, and decomplete. By filing this application I authorize the chief engas specified in Pactions 14 and 15 of this application	eclare furth gineer to pe	s identified herein, or that I represent all such owners and amer that the statements contained herein are true, correct, and rmanently reduce the quantity of water and/or rate of diversion
Dated at Junning ham, K	ansas, this _	8th day of May , 20 17.
College State		
Acros Murphy Mayor		(Spouse)
(Please Print)		(Please Print)
(Owner)	 -	(Spouse)
(Please Print)		(Please Print)
(Owner)	 -	(Spouse)
(Please Print)	-	(Please Print)
State of Kansas County of KING man I hereby certify that the foregoing application was signed.	Miy Appt	KATHLEEN ALBERS Hotary Public - State of Kansas Expires 3-9-18 resence and swom to before me this day of
My Commission Expires 3-9-18	-	Kattleen allees Notary Public
FE	E SCHEDU	LE
Each application to change the place of use, the point of diversion application fee set forth in the schedule below:	n or the use	made of the water under this section shall be accompanied by the
 Application to change a point of diversion 300 feet of 2 Application to change a point of diversion more than Application to change the place of use	300 feet	\$200 \$200
Make check payable to Kansas Department of Agriculture.		WATER RESOURCES

MAY 1 2 2017

RECEIVED





Terrane Resources Co.

P.O. Box 173 Stafford, KS 67578 620-234-5200

KANSAS GROUND WATER: STRAIGHT UP FROM THE ROCKS!

04 May, 2017

Mr. Brent Turney, P.G. Division of Water Resources Kansas Dept. of Agriculture 1320 Research Park Drive Manhattan, Kansas 66502 WATER RESOURCES RECEIVED

MAY 1 2 2017

KS DEPT OF AGRICULTURE

Re: Files KM 04 and #15,907

Dear Mr. Turney,

This letter is written on behalf of the City of Cunningham, KS to provide information pertaining to the processing of the proposed changes to the above files. The data attached is provided to help in the determination to allow the change to battlery permits and the installation of a third well.

We met with Jeff Lanterman and Tyler Saryerwinnie at the DWR Stafford Field Office. This meeting resulted in the enclosed change applications.

The proposed changes are requested for public health and safety reasons and to add redundency to the system. The City is currently operating on two wells which were installed in late 1935 and early 1936. Both wells have been impacted by nitrates and the east well has exceeded the drinking water standard of 10 mg/l nitrate as nitrogen(NO3-N). Fortunately, they were able to blend with the west well and remain in compliance with regards to water quality. The proposed additional well will allow them to blend if the west well fails or has to be taken out of service.

The City has taken great care to manage the fertilizer they apply to the football field and have subsequently reduce the nitrate contamination to the wells. It is expected they will continue to manage the nutrients and monitor the water quality. The approval of the proposed changes will allow the city to manage their wellfield to minimize future water quality issues and be able to handle potential well/pump failures.

The current wells are of sufficient age and need to be evaluated and possibly updated. However due to the current demands on the system it is not feasibe to take one of the wells out of service for an extended period of time. With the

TERRANE RESOURCES CO.
CITY OF CUNNINGHAM, KS PUBLIC WATER SUPPLY
FILES: KM 04 AND #15,907
PAGE 2

additional well the City will have two low nitrate wells they can depend on to blend with the high nitrate well should it exceed the drinking water standard in the future. At this time we do not plan to replace the existing wells. However, the City does plan to upgrade them as needed to hopefully get another 80 years of service out of them.

Attached you will find two WWC-5's, the first is for MW 1-12 which is near the East well and the other is for TW 5-16 which is approximately 15 feet east of the proposed new well site. The existing City wells are approimately 60 feet deep and withdraw from the very upper portion of the aquifer. The proposed new well will withdraw low nitrate water from the bottom of the same aquifer unit.

Based on the data we have obtained and collected the water levels in the area are essentially unchanged. The water level in the East well was 26.6 feet below land surface(bls) Dec., 1935. Water levels from MW 1-12, which is approximately, 30 feet SSW of the East Well, were 21.62' (11/26/12), 21.22'(04/06/16) and 21.16' (08/29/16) all below land surface.

The City is aware they will not receive any additional rate or quantiity over what they are already approved for.

The geographic center of the the well field will shift to the south and east. This will move the geo-center away from any nearby domestic wells. Since we are moving away from any nearby wells and with the multitude of landowners involved the City is requesting guidance as to how DWR would like for them to proceed with landowner notifications. Additionally, The City will look at nearby landowners and try to identify any domestic wells within 660 feet of the proposed geo-center.

Brent, as always should you, or any of your staff have any questions, do not hesitate to contact us. We would also ask that we be copied on any correspondence regarding these matters.

Respectfully Submitted.

Edward"Ned" T. Marks, PG

Terrane Resources Co.

P.O. Box 173

Stafford, KS 67578-0173

620-546-3616 cell

terresco@yahoo.com

WATER RESOURCES RECEIVED

MAY 1 2 2017

KS DEPT OF AGRICULTURE



305	11882	OB-1-12						<u></u>
The second second	19.10.11.11.11		Form W	WC-5	Di	vision of Wate	r Resources App. No	o. L
		OF WATER WELL:	Fraction		Section	on Number	Township No.	Range Number
	у:		1/4 NW 1/4 SW		4	32	T 27 S	R 10 □E 🛛 W
		Address of Well Location;					System (GPS) info 37 647483	
from nearest town or intersection: If at owner's address, check here Approximately 0.5 miles north of Cunningham.						ide:	-98.437356	(in decimal degrees)
Approxi	nately	0.5 miles north of Cunn	lingnam.		Long	nuae: " tion:	Unknown	(in decimal degrees) (in decimal degrees)
2 224 27	- PA X X Z Z Z	II OWNED. Cit. of C	· mainahasa			L L WUS O	4, 🛛 NAD 83, 🗀	NAD 27
Z WAII	Street A	LL OWNER: City of C Address, Box #: P.O. Box	unningnam 7 188		Collec	tion Method;	e/Model: WAAS	1
City.	State, 2	IP Code Cunning	ham, KS 67053			Digital Map/Ph	oto, 🔲 Topographi	c Map, Land Survey
					Est. A	ccuracy: <	3 m, 🔀 3-5 m, 🗌	5-15 m, >15 m
3 LOCA WITH	IE WE AN "X"	IN 4 DEPTH OF C	COMPLETED WELI	L L	105			
SECTI	ON BO	X: Depth(s) Groun	dwater Encountered C WATER LEVEL	Q)-00	ft.	(2)		3)
	N	WELL'S STATI	C WATER LEVEL	21.00	t, below	land surface i	measured on mo/d	ay/yr 11/20/12
1	1	Pump	test data: Well water	Was _ not u	ecreo II	. atter	hours pum	pinggpm
W -NV	V- -	NE EST. YIELD Bore Hole Diam	gpm. Well water	107	ft., and	in.	to	fr.
l" ├	+	WELL WATER	TO BE USED AS: L] Public wa	ter suppl	y 📙 Ge	othermal 🔲 l	njection well
SV	V :		Feedlot [Oil field wa	ter suppl	y Do	watering [Other (Specify below)
	*	I Irrigation	Industrial	Domestic-18	wn & ga	raen XI Mo	onitoring well	war and the second seco
	S	If ves. mo/	day/yr sample was sub	mitted	o Dehair	mont:	103 23 110	
þ	l mile-	Water well disin	fected? X Yes	No				
5 TYPE	OF CA	SING USED: Steel	⊠ PVC □ C	Other	* * * * *		· ·	
CASINO	IOINT	S 🔀 Glued 🗍 Clan	nned Welded	Threade	:d			
Casing	diamet	er 2 in to 83 above land surface	ft., Diameter	in 70	. to 10	ft., Di	ameter	in. to
		above land surface			IDS./T	t., wan thici	kness or gauge in	0
	Steel	Stainless Steel Galvanized Steel	⊠ PVC		Other (Specify)		
	Brass	Galvanized Steel	None used (open he	ole)				
i 1771.	a	ERFORATION OPENING ous slot Mill slot	Course managed [Torch cut	□Dri	lled holes	None (open hol	e)
	Louvere	shutter Key punched	Wire wrapped	Saw cut	Oth	er (specify)		· · · · · · · · · · · · · · · · · · ·
SCREE!	N-PERF	ORATED INTERVALS:	From 83	1. to	103	ft., From		to fl.
	GRAV	is shutter Key punched FORATED INTERVALS:	From 78	n. to A. to	103	ft., From		to
	Olur	TERIAL: Neat ceme	From	n. to		ft., From	ft.	to ft.
6 GROU	T MA	TERIAL: Neat ceme	ent 🔲 Cement grout	X Bento	onite [Other		
		s: From 3 ft. to	78 ft., From		fl. to	ft.,	From	ft. toft.
What is t	ne near Sentic ta	est source of possible contains	umination: les: Pit privy [Livestock	pens	Insecticide Abandone	storage 🛛 Oth	ner (specify below)
	Sewer li	nk Lateral lin nes Cesspool ht sewer lines Seepage	Sewage lagoon	Fuel stora	ge		water well	OB-2-12
Direct	Watertig tion froi	ht sewer lines Seepage p m well	ast reedyard (reminzer	storage from we	Oil well/ga	as well - 15'	
	TO	LITHOLOG		FROM	TO		OG (cont.) or PLU	GGING INTERVALS
0	4			33	38		wn, sandy	
4	8	Clay, white, caliche, s		38	52		to coarse, whit	
8	9	Sand, gravel, fine to c	coarse	52 57	57 58	Sand, gra Clay, gray	vel, fine to med	ıum
9	11 15	Clay, gray Sand, gravel, fine to d	oarse	58	72	Sand fine	e to coarse	
15	19	Clay, brown, sandy		72	74	Clay, gray		
19	21	Clay, yellow, gray		74	92	Sand, fine	e to coarse, gray	
21	25	Sand, fine to coarse,	white clay streaks	92	97		wn, very sandy,	sand streaks
25	27	Cley brown vollow	IZOV	97 104	104 107	Sand, fine	to coarse	
27 7 CONT	33 RACT	Clay, brown, yellow, g	IS CERTIFICATION					ucted, or Columned
under my	jurisdi	OR'S OR LANDOWNER ction and was completed o						
Kansas V	Vater W	ell Contractor's License N	o. 185 This V	Vater Well	Record w	as completed	on (mo/pay/year)	
INCTRUC	PIONE. I	les tunqueites es hell point na	e Well & Equipment	V and PRINT	clearly D	ignature)	es and check the corre	ct answers. Send three conies
I (white his	se nink) (o Koncoc Department of Health	and Environment Rureau	of Water (ie	ningy Sect	100 1000 SW J	ackson St., Suite 420.	100cxa, Kansas 66612-1367
Telephone	: 785-296	-5522. Send one copy to WAT ov/waterwell/index.html.	ER WELL OWNER and re	tain one for	our recor	ds. Include <u>fe</u> e	e of \$5.00 for each <u>c</u>	onstructed well. Visit us at
KSA 82a-		V			CI	neck: X W	hite Copy 🔲 Bl	ue Copy

WATER RESOURCES RECEIVED

_	OF WATER WELL:	Fraction NVA SV	V 6E			Township No.	Range Number
	Kingman				32	T 27 S System (GPS) inf	
	Address of Well Location;				-	AT A 474 PA	
	town or intersection: If at		k here	Latit	ude:	09 4267	(in decimal degrees)
	Old Hwy 54) & Stadium			Long	;itude:	110,4307	(in decimal degrees)
unningham,	north to 3rd St., east ~1	50' on south side		Elev	ation:	Unknown	(in decimal degrees) (in decimal degrees)
WATER W	ELL OWNER: City of C	unningham		T Datu	n: WGS 8	4, ⊠ NAD 83, ☐	J NAD 27
RR#, Street	Address, Box #: P.O. Box ZIP Code : Cunning	x 188			GPS unit (Mak Digital Map/Ph	e/Model: VV/V\S oto, ☐ Topograph	ic Map, Land Survey
LOCATE WI WITH AN "X SECTION B	" IN 4 DEPTH OF	COMPLETED WEL	L	104			
N	WELL'S STAT	ndwater Encountered IC WATER LEVEL	22.66 f	t. below	land surface i	neasured on mo/d	lay/yr 08/22/16
	Pumr	test data: Well wate	rwas notd	necked f	t. after	bours pum	pinggpm
NW	Bore Hole Diam	gpm. Well water	105	ft., and	in.	to	ft.
-sw	SE- Domestic	Feedlot Industrial	Oil field wa Domestic-la	ter supp wn & ga	ly De arden Mo	watering Sonitoring well	Injection well Other (Specify below) Test Well
	Was a chemical	bacteriological sample	submitted	to Depar	tment?		
S 1 mile-	If yes, mo	day/yr sample was sul fected? 🔀 Yes 🔲	mitted	· 		_	
TYPE OF C	ASING USED: Stee	№ PVC	Other				
ACDIC IOD	те. Поны Пон	need D Wolded	Thread.	.a. 1Ω1.6	Other (Specify	S.S. Screws	
Casing diama	ter 5 in to 8 t above land surface	ft., Diameter	in	to	ft Di	ameter	in. tofl.
Casing heigh	above land surface	in. Weight	2.36	lbs./	ft Wall thick	mess or eauge N	o214
YPE OF SCR	EEN OR PERFORATION	MATERIAL:		2005	,		
Steel	Stainless Steel	▼ PVC	Г	Other (Specify)		
Brass	Stainless Steel Galvanized Steel	None used (open h	ole)		,		
CREEN OR I	PERFORATION OPENING	S ARE:	_			_	
Continu	ous slot 🛛 Mill slot	Gauze wrapped	Torch cut	☐ Dr	illed holes	None (open hol	e)
Louvere	d shutter Key punched FORATED INTERVALS:	☐ Wire wrapped [Saw cut		her (specify)		
CREEN-PER	FORATED INTERVALS:	From 62	ft. to	IVZ	ft., From		to ft.
	/EL PACK INTERVALS:	From 75	tt. to	105	_ ft., From _	ft.	to ft.
GRA	EL PACK INTERVALS:	From/5	ft. to	100	_ ft., From _	jt.	to ft
		From	ft. to		ft., From		to fl.
GROUT MA	TERIAL: Neat ceme	ent Cement ground	Bento	onite [_ Otherft.,	From	ft. toft.
nat is the near	est source of possible conta	unination: es Pit prive	Livestock	nens	☐ Insecticide	storage M On	ner (specify below)
Sewer	ank Lateral linines Cesspool ght sewer lines Seepage p	Sewage lagoon	Fuel stora	ge	Insecticide Abandoned Oil well/ga	water well	
Waterti	ght sewer lines Seepage r	it Feedyard	Fertilizer	storage	Oil well/ga	s well 15'	OB-4-12
Direction fro	m well	ast	Distance	from w	eli	15'	
ROM TO	LITHOLOG	IC LOG	FROM	TO	LITHO. LO	OG (cont.) or PLU	IGGING INTERVALS
0 4	Topsoil		58	102			ne medium gravel,
4 7	Clay, brown, gray, ca	iche			thin brown	clay streaks	
7 10	Clay, tan		102	105	Shale, red		
10 14	Sand, gravel, fine to d	oarse					
14 21	Clay, brown, white, ca	aliche					
21 27	Sand, gravel, fine to r	nedium					
27 37	Clay, brown, cemente	d sand streaks,			1		
	fine sand mix		†				
37 56	Sand, gravel, fine to r	nedium					· · · · · · · · · · · · · · · · · · ·
	Clay, brown, gray		 		t		
	OR'S OR LANDOWNER	'S CERTIFICATIO	N: This wat	er well	was 🔀 constr	icted. Treconstr	ucted, or nlugged
56 58	ULL U UN MINIPUTINE	one resident the	/22/16 ""	nd this r	ecord is true t	o the best of my	nowledge and helief
56 58 CONTRACT oder my jurisd							
56 58 CONTRACT oder my jurisd ansas Water V	Vell Contractor's License N		Water Well I	Record v	vas completeff	on (mo/day/year)	
56 58 CONTRACT oder my jurisd ansas Water V oder the businestructions	Vell Contractor's License N	o. 185 This V e Well & Equipment on PLEASE PRESS FIRMI	Water Well I , Inc. Yand PRINT	Record v	vas completed	on (mo/day/year)	U8/25/16

WATER RESOURCES RECEIVED

MAY 1 2 2017

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



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

Jackie McClaskey, Secretary

Governor Sam Brownback

FILE COPY

May 12, 2017

CITY OF CUNNINGHAM PO BOX 188 CUNNINGHAM, KS 67035

RE: File No 15907

Dear Sir or Madam:

An application for approval of the Chief Engineer to change the following condition or conditions of the file number referred to above has been received:

☐ place of use ☐ point of diversion ☐ use made of water ☐

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. You will be contacted regarding this application as soon as it has been examined.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water prior to approval of the application is unlawful. You should not proceed and divert water as indicated by your plans in your application for a change for this file until you receive approval for this change from the Chief Engineer. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

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

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

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

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

Sincerely,

Kristen A. Baum

New Applications Unit Supervisor Water Appropriation Program

Krister a Baum

BAT: DLW

pc: STAFFORD Field Office GMD