Kansas Department of Agriculture Division of Water Resources

CHANGE: PD WORKSHEET

Document Signature **DWB**

1. File Number:	2	2. Status Change Date:	3. Change Num:	4. Field Office:	5. GMD:						
28506		7/12/2018	С3	03	04						
6. Status: Approved	☐ Denied	I by DWR/GMD	Dismiss by Reques	ismiss by Request/Failure to Return 7. Filing Date of Change 1/8/2018							
8a. Applicant(s) New to system □		Person ID 24455 Add Seq#	8c. Landown		Person IDAdd Seq#						
GALE A & MARY 445 RS 877 SAINT FRANCIS F											
					; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;						
8b. Landowner(s) New to system ☐		Person IDAdd Seq#	8d. WUC New to sy	rstem 🔲	Person IDAdd Seq#						
			8A								
			•		• · · · · · · · · · · · · · · · · · · ·						
9. Documents and Enclosure((s): 🛭 DWR	R Meter(s) Date to Comp	iy: <u>12/31/18</u>	N & P Date to	Comply: 12/31/2018						
⊠ Check Valve ⊠	N & P Form	n ☐ Water Tub	e 🔲 Drille	r Copy H 8	& E Letter						
☐ Conservation Plan Da	ate Required	: Da	ate Approved:	Date t	o Comply:						
10. Use Made of Water Fro	om:		To:								
				Date Prepared: 6/18/ Date Entered: つけん							

File No.	28506	6	11.	County	y: CN	Ва	ısin: S	F REF	UBLI	CAN			s	tream:	•						Fo	rmatio	n Code: 1	113	Special Use	: RRC
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MOD	15526	NW NW N	E	20	4	41W	1	5;	276	248	4	GPS	UPD	ATE			265	5	15		265		15	NO	NE	
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SHIFTIN	IG QUAI	ITITY BET	WEEN	UPD/	ATED \	NELLS	S AFT	ER C	UAN	TIY R	EDU	СТІО	N AS	OFF	SET F	OR I	PIT.									
13. Stor	age: Rate				_NF	Quar	ntity _					_ac/ft	Α	dditior	nal Rat	e	-			NF	Add	tional C	luantity _			ac/ft
14. Limi	tation:			af/yr	 r at				gpm (cfs) w	hen co	ombine	ed with	n file n	umber	(s) NO	NE						
Limi	tation:			af/yr	r at				gpm (cfs) w	hen co	ombine	ed with	h file n	umber	(s)							
15. 5YR	Allocation	n: Allocatio	on Type	e	Sta	art Yea	r <u> </u>	_	5 YR	Amou	nt		Amo	ount U	nit		Base	Acres		_ Co	omment .					
16. Plac	ce of Use					NI	E¼			NV	V 1⁄4			SV	N1/4			S	6E1/4		Total	Owne	r Ch	g?	Overlap Files	
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KANSAS DEPARTMENT OF AGRICULTURE Division of Water Resources

<u>MEMORANDUM</u>

TO: Files **DATE:** June 21, 2018

FROM: Leslie Ireland RE: Water Right File Nos. 28,506 & 45,185

Appropriation of Water,

File No. 47,657 Application, File No. 49,975

Gale A. Walz and his wife, Mary C. Walz as owners of the referenced water rights have filed applications for approval to change the point of diversion and place of use, and a new application for industrial use. The application for change under File No. 28,506, is requesting to change the point of diversion was received on January 8, 2018, along with applications under File Nos. 45,185 & 47,657, to change the industrial place of use for the requested expansion of the existing groundwater pit. The new application under File No. 49,975 was received on January 22, 2018.

The referenced water rights appear to not be abandoned as per K.S.A. 82a-718. The rights appear to be in compliance with K.S.A. 82a-732.

The applications propose to increase the size of an existing groundwater pit utilizing the irrigation right as an offset to permit the new appropriation.

File No. 28,506 is authorized for irrigation use, it does not have any overlap with any rights. It is authorized for two points of diversion and two places of use. One (1) point of diversion authorized 29 acre-feet (AF) with a rate of 265 gallons per minute (gpm) is from a well in Section 20 with what appears to be a side roller irrigation system. The other diversion is from an existing exempted small pit (less than half an acre) authorizing 49 AF at 270 gpm for a combined total of 78 AF for the irrigation of 47 acres (1.66 AF/acre) in Cheyenne County. Water Right, File Nos. 45,185 & 47,657, authorize industrial use for the evaporation of 6.347 mgy (19.5 AF from the 6 acre pit, operated for sand and gravel with a backhoe that is located between the irrigated places of use under File No. 28,506. The geographical center of the industrial use pit is located in the Northwest Quarter of the Northeast Quarter (NW¼NE½NE½) of Section 20, approximately 4,879 feet North and 864 feet to the West of the Southeast corner of Section 20 in Township 4 South, Range 41 West, Cheyenne County, Kansas. All of the points of diversions and places of use are located along the North side of the South Fork Republican River. All of the referenced files are located within the Republican River Compact Area.

The new application under File No. 49,975, proposes 4.88 AF at the rate of natural evaporation with the quantity provided from an offset from File No. 28,506. The sand pit will expand from 6.0 acres 7.5 acres. The current evaporative loss of 19.5 AF for the 6 acres is authorized by File Nos. 45,185 & 47,657. A combined total of 24.38 AF (7.94 mgy) will be needed for the 7.5 acres for the evaporation. It will be authorized by File Nos. 45,185; 47,657 & 49,975, for use industrial use. The application and two change applications will be processed in part by K.A.R. 5-13-1 through 9. A "Notice of Intent to Expand a Pit" was submitted, along with the standard minimum desirable streamflow acknowledgement for the new appropriation. The pit is located in an area that has an average annual potential net evaporation of 39 inches per acre per year as determined by K.A.R. 5-6-3, Potential net evaporation, therefore the evaporative loss would be considered to have a substantially adverse impact on the area groundwater supply as it exceeds 18 inches per acre per year as detailed in K.A.R. 5-13-2, Determination of substantially adverse impact on the area groundwater supply. Due to the location of the pit it must comply with K.A.R. 5-13-3 and the groundwater evaporation must be permitted for the expansion. It does appear that the proposed appropriation under File No. 49,975 can't be exempt from meeting safe yield as the proposal did not meet all of the requirements of K.A.R. 5-13-4, Exemption, specifically being in operation prior to 1999, so it must meet the requirements The applicant is proposing a new application and an offset to meet the of K.A.R. 5-13-5. additional evaporative loss. As detailed in K.A.R. 5-13-6, the annual quantity of water required for the evaporative loss is:

A portion of the 24.38 AF (7.94 mgy) for the 7.5 acres of evaporation loss is already authorized. The industrial use under File Nos. 45,185 & 47,657 have a combined total of 19.5 AF (6.347 mgy). The requested 4.88 AF (1.59 mgy) that is proposed under File No. 49,975, resulting in a total of 24.38 AF or 7.94 mgy.

Due to the area being over appropriated the 4.88 AF for the new appropriation, File No. 49,975, will be provided by an offset reduction to the irrigation right, File No. 28,506.

File No. 28,506 will provide the water as allowed by K.A.R. 5-13-7 and 8, as it is located within two miles of the geographical center of the groundwater pit. To assure that the consumptive use will not be increased the right will be evaluated by K.A.R. 5-5-10, *Partial changes in the use made of water from irrigation to another type of beneficial use*, for the 4.88 AF needed.

Utilizing the new regulation K.A.R. 5-5-9 in conjunction with K.A.R 5-5-10.

Step one: Cheyenne Co. 87.6% x 78 AF = 68.328 AF as the total quantity for changed.

Step two: $4.88 \text{ AF} \div 68.328 \text{ AF} = 0.071420208$

1.00 - 0.071420208 = 0.928579792 or 92.8579792% retained for irrigation use

Step three: $0.928579792 \times 78 \text{ AF} = 72.429 \text{ AF}$ or 72.4 AF retained for irrigation use.

K.A.R. 5-5-10(b) requires that the authorized place of use for the irrigation right shall be generally reduced in proportion to the reduction in annual quantity caused by the change. Utilizing the standard calculation in K.A.R. 5-5-11(2)(B)(ii), the currently authorized 47 AF with the 0.85 efficiency rating with the 80% NIR of 1.28 for Cheyenne County indicated 48.1 acres could remain irrigated. The currently authorized 47 acres will remain as authorized as it appears no reduction in irrigated acres is needed. The 47 acres will remain in the Southeast of 17-4-41W and in the North Half of 20-4-41W. The right will have and irrigation ratio of 1.54 AF per acre, complying with K.A.R. 5-3-23, Maximum reasonable annual quantity approvable for irrigation use for an application for change in place of use and a request to reduce a water right. The requested change in point of diversion is to modify the quantity diverted there will be no actual movement of the points. The owner has requested that the reduced 72.4 AF be modified between the points of diversion. The well located in Section 20, will change from 29 to 15 AF and the diversion from the pit in Section 17, will change from 49 to 57.4 AF. The owner did not request to change the rates of diversion which are 265 and 270 gallons per minute. The increased quantity at the pivot in Section 17 will irrigate the packman pivot.

The locations of the points of diversion authorized for irrigation use under File No. 28,506, were shown of the application with updated GPS locations, both less than 50 feet from the currently authorized. The actual locations listed comply with K.A.R. 5-5-6 *Failure to construct diversion works at authorized location*. The points will be updated per the application.

The 4.88 AF (1.59 mgy) for the industrial use that will be authorized under for File No. 49,975 via the offset from File no. 28,506 to allow for the expansion of the groundwater pit. The source of supply for the existing diversions has been determined to be the Main Stem Alluvium (Code 113) of the South Fork of the Republican River. The proposed existing geographic center of the pit under File Nos. 45,185; 47,657 & 49,975 are approximately of 1,037 feet from the points of diversion authorized under File No. 28,506. It appears K.A.R. 5-24-3, *Well spacing*, exempts wells under the same ownership. The shifting of the quantity for the offset will move parallel to the river as it runs west-east in this area moving the quantity East and north-south for quantity that could be surrendered from the Northern point under File No. 28,506. The proposal appears to comply with K.A.R. 5-5-13, *Relocation of alluvial wells*. The geographical center of the existing pit under File Nos. 45,185 & 47,657, will not be modified for the expansion of the pit as the expansion is minor and a new appropriation has been filed the geographic center remains within 300 feet of authorized, complying with K.A.R. 5-5-6, *Failure to construct diversion works at authorized location*.

The applicant did not indicate that there were any wells located within one-half ($\frac{1}{2}$) mile of the proposed point of diversion for the new appropriation. WRIS indicates that there are the two irrigation wells owned by the applicant. It also indicated a surface diversion for Vested Right, File No. CN 009. The owner of this right was sent a letter to provide notice of the new appropriation and changes. No reply of any kind was received.

The original permit under File Nos. 45,185 & 47,657, did require the area around the groundwater pit be constructed and maintained to prohibit surface water runoff from entering the aquifer though the excavated pit. The location is next to a river with a road to the Northwest. The new permit, File No. 49,975, and change approval under File Nos. 45,185 & 47,657, for the pit will require the surrounding area be constructed, maintained, and operated in a manner that will prevent degradation to the water quality of the source of supply, which would cause impairment to existing water rights. It does appear that a levee is constructed along the East side of the pit and referenced as L CN 003.

It appears that the new permit with the offset, along with the modification of sand and gravel pit and the locations of the points of diversion all comply with the Republican River Compact.

The Division of Conservation was not informed of the change to the pit as their process requires expansions to be greater than two acres to warrant any modifications to their operation.

In a letter dated May 29, 2018, Ray Luhman, Manager, Northwest Kansas Groundwater Management District No. 4, recommended that the application under File No. 49,975, be approved along with the change applications under File Nos. 45,185 & 47,657 for the expanded place of use. Additionally, the GMD recommended approval of the change under File No. 28,506, as long as all reduction request is executed with the approval.

Kelly Stewart, Water Commissioner of the Stockton Field Office reviewed the proposed change and recommended approval of the proposed project, via e-mail dated June 20, 2018.

Based on the above discussion and that the quantity under File No. 28,506, may be utilized for the new appropriation, that the change to the irrigation and industrial places of use are reasonable and will not increase consumptive use, that impairment to existing water rights is unlikely and that no change in the local source of supply will occur, it has been recommended that the referenced applications be approved.

Leslie Ireland

Environmental Scientist

Water Appropriation Program

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

Fax: (785) 564-6777

STATE OF KANSAS

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

GALE A & MARY WALZ 445 RS 877 SAINT FRANCIS KS 67756

July 16, 2018

FILE COPY

RE: Water Right, File Nos. 28,506 & 45,185 Appropriation of Water, File No. 47,657

Dear Mr. & Mrs. Walz:

Enclosed are the orders executed by the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the applications for change under the referenced files.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in the approvals for change. A condition of the approval for Water Right, File No. 28,506, is that an acceptable water flowmeter must be installed on the diversion works. Please complete and return the required notification of completion of the diversion works and or installation of the required meter as soon as these actions are complete. There is no fee for the notification of completion when changing an existing water right.

Since these orders modify the original documents referred to above, they should be recorded with the Register of Deeds as other instruments affecting real estate.

If you have any questions, please contact Leslie Ireland, Environmental Scientist, at (785) 564-6633. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Change Application Unit Supervisor

Water Appropriation Program

nt A. Turney, P

BAT:LI:li: Enclosures

pc: Stockton Field Office

Groundwater Management District No. 4

OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE

Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES

David W. Barfield, Chief Engineer

APPROVAL OF APPLICATION FOR CHANGE POINT OF DIVERSION AND REQUEST TO REDUCE THE AUTHORIZED QUANTITY OF WATER WATER RIGHT, FILE NO. 28,506

The Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, after due consideration of the written application and request to reduce a portion of an existing water right by Gale A. and Mary C. Walz, 445 RS 877, Saint Francis, Kansas 67756, received in the office of the Chief Engineer on January 8, 2018, for approval of a change in the point of diversion and request to reduce the authorized quantity, as modified and amended by the Orders of the Chief Engineer dated July 1, 2011 and March 5, 2013, approving the applications to change the place of use, under the certificate of appropriation issued pursuant to the application for permit to appropriate water for beneficial use, finds that the change is reasonable and will not impair existing rights, and that the application should be and is hereby approved.

This order effectively reduces the authorized quantity to a total quantity not to exceed 72.4 acre-feet per calendar year.

The effective date of the change shall be the date this order is executed by the Chief Engineer, after which the authorized points of diversion shall be:

a groundwater pit located in the Southeast Quarter of the Southeast Quarter of the Southeast Quarter (SE½ SE½ SE½) of Section 17, more particularly described as being near a point 315 feet to the North and 158 feet to the West of the Southeast corner of said section, at a diversion rate not in excess of 270 gallons per minute (0.60 c.f.s.) and a quantity not to exceed 57.4 acre-feet per calendar year, and

one (1) well located in the Northwest Quarter of the Northwest Quarter of the Northeast Quarter (NW¼ NW¼ NE½) of Section 20, more particularly described as being near a point 5,276 feet to the North and 2,484 feet to the West of the Southeast corner of said section, at a diversion rate not in excess of 265 gallons per minute (0.59 c.f.s.) and a quantity not to exceed 15 acre-feet per calendar year,

both in Township 4 South, Range 41 West, Cheyenne County, Kansas,

located substantially as shown on the topographic map accompanying the application to change the points of diversion.

All diversion works 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 check valve 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.

The water right owner shall properly install an acceptable water meter on each of the diversion works authorized under this water right, prior to the use of water, in strict accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. The water right owner shall notify the Chief Engineer when installation of the water meter has been completed. The water right owner shall maintain the water meter in an operating condition satisfactory to the Chief Engineer, at all times during diversion of water and shall maintain records from which the total quantity of water diverted may be determined. The water right owner shall also report the reading of said water meter and the total quantity of water diverted annually to the Chief Engineer. Such records shall be furnished to the Chief Engineer by March 1 following the end of each calendar year.

Instillation of the works for diversion of water shall be completed on or before December 31, 2018, or within any authorized extension of time. The water right owners shall notify the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, when construction of the works for diversion has been completed.

In all other respects, the Certificate of Appropriation issued pursuant to Approval of Application, File No. 28,506, for permit to appropriate water for beneficial use, is as stated and set forth in the Certificate of Appropriation dated January 16, 1984, as modified and amended by the aforementioned orders.

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.

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

Ordered this 12 day of David W. Barfield, P.E. Chief Engineer Division of Water Resources

State of Kansas

SS

County of Riley

Ordered this 12 day of David W. Barfield, P.E. Chief Engineer Division of Water Resources

State Of Kansas

The foregoing instrument was acknowledged before me this day of day of David W. Barfield, P.E., Chief Engineer, Division of Water Resources, Kansas Department of Agriculture.



RE: Water Right, File No. 28,506

CERTIFICATE OF SERVICE

Gale A. & Mary C. Walz 445 RS 877 Saint Francis, KS 67756

With photo copies sent to:

Stockton Field Office Groundwater Management District No. 4

Division of Water Resources

Submit To: CHIEF ENGINEER
Division of Water Resources
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan, KS 66502
www.ksda.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

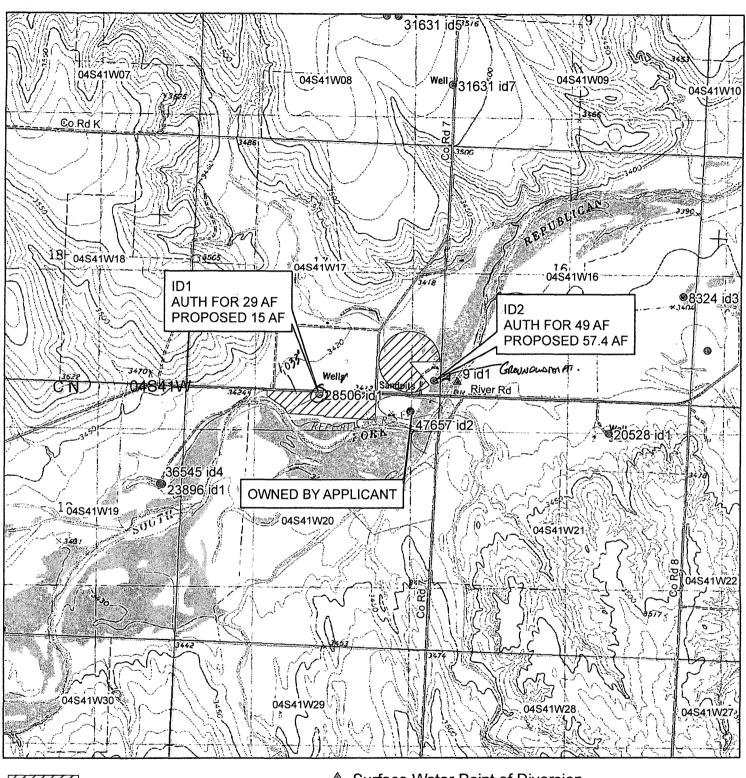


Filing Fee Must Accompany the Application (Please refer to Fee Schedule on signature page of application form.)

Paragraph Nos. 1, 2, 3, 4 & 8 must be completed. Complete all other applicable portions. A topographic map or detailed plat showing the authorized and proposed points(s) of diversion and /or place of use must accompany this application.

1.	Application is hereby made for approval of the Chief Engineer to change the Place of Use WATER RESOURCES RECEIVED
-,	JAN 0 8 2018 (Check one or more) ⊠ Point of Diversion
	Use Made of Water KS DEPT OF AGRICULTURE
	File No. <u>28,506</u>
2.	Name of applicant: GALE A & MARY WALZ
	Address: 445 RS 877
	City, State and Zip: SAINT FRANCIS KS 67756
	Phone Number: <u>(785)332-2012</u> E-mail address:
	What is your relationship to the water right; ⊠ owner ☐ tenant ☐ agent ☐ other? If other, please explain.
	Name of water use correspondent: <u>SAME AS ABOVE</u>
	Address:
	City, State and Zip:
	Phone Number: () E-mail address:
3.	The change(s) proposed herein are desired for the following reasons (please be specific): TO VOLUNTARY REDUCE
	AUTHORIZED QTY CONTINGENT UPON APPROVAL OF NEW APPLICATION FOR EXPANSION OF SAND PIT IN NE OF NE OF SECTION 20-04S-41W AND TO ADDITIONALLY MOVE QUANTITY FROM ID1 TO ID2
	The change(s) WILL BE completed by UPON APPROVAL (Date)
,	
Fo F.C Co	or Office Use Only: O. 3 GMD 4 Meets K.A.R. 5-5-1 (YES / NO) Use 7 CK Source 6/S County 6/10 By How Date 1/6/10 Date 1/6/10 Date 1/6/10 Check # 1005
DW	APPLICATION COMPLETE 5/29/18 Reviewer LL Assisted by: 1/12/10/8 WM

Application to Change the Point of Diversion For Water Right File # 28,506





Authorized Place of Use

Surface Water Point of Diversion

Signature Required JAN 08 2018N By signing this I am stating that to the best of my knowledge that all wells within 1/2 mile of proposed well location are identified on this map.

	·				
				File No. <u>28,506</u>	
`	The presently authorized point(s) of diversion is A GROU	INDWATER P	IT AND A WELL		
, .	The presently dution250 point(e) or arreference present		(Provide description and	number of points)	
7.	The proposed point(s) of diversion is A GROUNDWATER	R PIT AND A \	VELL		·
			(Provide description and	number of points)	
	List all presently authorized point(s) of diversion:				
3.	Presently authorized point of diversion:				
	One in the NW Quarter of the				
	of Section, Township				
	in <u>CHEYENNE</u> County, Kansas, <u>5244</u>	_ feet North _	feet West	of Southeast corne	r of section.
	Authorized Rate <u>265 GPM</u> Authorized Quantity _				
	(DWR use only: Computer ID No. 1 GP				est)
	☐ This point will not be changed	be changed	as follows:	32'OFF	
	Proposed point of diversion: (Complete only if change	je is requeste	<u>ed)</u>		
	One in the NW Quarter of the				
	of Section, Township	04	South, Range	41	W,
	in <u>CHEYENNE</u> County, Kansas, <u>5276</u>	_ feet North _	2484 feet West	of Southeast corne	r of section.
	Proposed Rate265 Proposed Quantity	15 AF			
	This point is: Additional Well Geo Center List o	ther water righ	nts that will use this po	oint	·
).	Presently authorized point of diversion:	0.5	0 1 611	05	0
	One in the <u>SE</u> Quarter of the				
	of Section 17 , Township				
	in CHEYENNE County, Kansas, 302			or Southeast come	r or section.
	Authorized Rate 270 GPM Authorized Quantity			159 foot Wo	oct)
	(DWR use only: Computer ID No. 2 GP ☐ This point will not be changed ☐ This point will				.stj
				281 OFF	
	Proposed point of diversion: (Complete only if change			C.F.	Ouerter
	One in the SE Quarter of the				
	of Section 17 , Township	04 54 No-4b	South, Range	of Courth cost corns	r of costion
	in <u>CHEYENNE</u> County, Kansas, <u>315</u>			. Of Southeast come	or section.
	Proposed Rate 270 GPM Proposed Quantity Proposed Quantity			oint	
	This point is: ☐ Additional Well ☐ Geo Center List o	itrier water rigi	its that will use this p	oint	·
0.	Presently authorized point of diversion:				
Ο.	One in the Quarter of the		Quarter of the		Quarter
	of Section, Township				
	in County, Kansas,				
	Authorized Rate Authorized Quantity				
	(DWR use only: Computer ID No GP			feet We	est)
	☐ This point will not be changed ☐ This point will				
	Proposed point of diversion: (Complete only if change	_			
	One in the Quarter of the				Quarter
	of Section, Township				
	in County, Kansas,	_ feet North	feet West	t of Southeast corne	r of section.
			-		

11. Describe the current condition of and future plans for any point(s) of diversion which will no longer be used.

MAY 11 201

This point is:

Additional Well Geo Center List other water rights that will use this point

Proposed Rate _____ Proposed Quantity ___

WATER RESOURCES

•																			
The	nrese	ently au	thoriz	ed nla	ce of i	use is										File N	o. <u>28,</u>	506	
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	Owne	er of La								010.14	· · · · · · · · · · · · · · · · · · ·								
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			NEW			051/	NW¼			NE1/	T	I	051/	SE¼				TOTAL ACRES	
ec.	Twp.	Range	NE1/4	NVV%	SVV1/4	SE%	NE¼	NW1/4	SW%	SE%	NE¼	NVV%	SW1/4	SE%	NE%	NW¼	SW¼	SE¼	
17	048	41W				ļ		ļ		ļ	ļ					ļ	ļ	24.0	24.0
20	04S	41W		15.0			8.0												23.0
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List any other water rights that cover this place of use. ___

	File No. <u>28,506</u>
12.	The presently authorized use of water is for <u>IRRIGATION</u> purposes.
	t is proposed that the use be changed to <u>NO CHANGE</u> purposes.
13.	f changing the place of use and/or use made of water, describe how the consumptive use will not be increased.
	+ KAR 5-5-11(b)(2)(B)(ii). 72.43 AF × 0.85/1.28AF = 48.1 ACRES
	AUTHORIZED 47 ACRES SO NO REDUCTION NEEDED # LE/DUM
	Please show any calculations here.)
14.	t is requested that the maximum annual quantity of water be reduced to <u>72.4 AF</u> (acre-feet or million gallons)
15.	t is requested that the maximum rate of diversion of water be reduced to gallons per minute (c.f.s.)
16.	The application must include either a topographic map or detailed plat. A U.S. Geological Survey Topographic Map, scaled 1:24,000, is available through the Kansas Geological Survey, 1930 Constant Avenue, University of Kansas, Lawrence Kansas 66047-3726 (www.usgs.gov). The map should show the location of the presently authorized point(s) of diversion Distances North and West of the Southeast corner of the section must be shown. The presently authorized place of use should also be shown. Identify the center of the section, the section lines and the section corners and show the appropriate section, township, and range numbers on the map. In addition the following information must also be shown on the map.
	a. If a change in the location of the point(s) of diversion is proposed, show:
	 The location of the proposed point(s) of diversion. Distances North and West of the Southeast corner of the section must be shown. Please be certain that the information shown on the map agrees with the information shown in Paragraph Nos. 9, 10 and 11 of the application.
	2) If the source of supply is groundwater, please show the location of existing water wells of any kind, including domestic wells, within ½ mile of the proposed well or wells. Identify each well as to its use and furnish name and mailing address of the property owner or owners. If there are no wells within ½ mile, please indicate so on the map
	3) If the source of supply is surface water, the names and mailing addresses of all landowner(s) ½ mile downstream and ½ mile upstream from your property lines must be shown.
	o. If a change in the place of use is desired, show the proposed place of use by crosshatching on the map. Please be certain that the information shown on the map agrees with the information shown in Paragraph No. 5 of the application.
17.	Attach documentation to show the change(s) proposed herein will not impair existing water rights and relates to the same ocal source of supply as to which the water right relates. This information may include statements, plats, geology reports well logs, test hole logs, and other information as necessary information to show the above. Additional comments may be nade below.
8.	f the proposed change(s) does not meet all applicable rules and regulations of the Kansas Water Appropriation Act, please dentify the rules and regulations for which you request a waiver. State the reason why a waiver is needed and why the equest should be granted. Attach documentation showing that granting the request will not impair existing water rights and vill not prejudicially and unreasonably affect the public interest.

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY WATER RESOURCES RECEIVED

JAN 08 2018

Fil	е	N	0	. 2	8.	.5	0	6		

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.

as specified in sections 14 and 15 of this application. Dated at Strange.	, Kansas, this _	3	day of January, 20 18.
Male A Wal			-Mar Calladi
(Owner)			(Spouse)
(Please Print)			MARY C. WALZ
(Please Print)			(Please Print)
(Owner)		···	(Spouse)
(Please Print)			(Please Print)
(Owner)			(Spouse)
(Please Print)			(Please Print)
State of Kansas County of	ned in my pr	esence	and sworn to before me this day of
My Commission Expires (2/27/202)			
	ree courni		<i>'</i>
	FEE SCHEDU	<u>LE</u>	
Each application to change the place of use, the point of divers application fee set forth in the schedule below:	sion or the use	made of t	he water under this section shall be accompanied by the
 (1) Application to change a point of diversion 300 feet (2) Application to change a point of diversion more the (3) Application to change the place of use	an 300 feet		

Make check payable to Kansas Department of Agriculture.

WATER RESOURCES RECEIVED

JAN 08 2018

KS DEPT OF AGRICULTURE



KANSAS DEPARTMENT OF AGRICULTURE

Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES

David W. Barfield, Chief Engineer

REQUEST TO REDUCE A PORTION OF AN EXISTING WATER RIGHT (NO FEE REQUIRED) RECEIVED

Identify	the file	which is the subject of this request:	JAN 08 2018			
		☐ Vested Right, File No	-			
(CHĒĆK	ONE)	☐ Water Right, File No. 28,506	KS DEPT OF AGRICULTURE			
		Appropriation of Water, File No	-			
То:	Division Kansas 1320 R	ENGINEER n of Water Resources s Department of Agriculture esearch Park Drive ttan, Kansas 66502				
From:	(Name	s and addresses of owners of authorized place of use. Please see instruc	tions on back.)			
	GALE A	A & MARY WALZ				
	445 RS	8 877				
	SAINT	FRANCIS, KS 67756				
		REQUEST				
The ab	ove liste	d owners request a:				
[Compl	lete only	the sections that apply. Check only the boxes that apply. Fill in only the bl	anks that apply.]			
A. 🛛 F	REDUCT	ION IN AUTHORIZED MAXIMUM ANNUAL QUANTITY OF WATER.				
		ested that the maximum annual quantity of water be reduced to <u>72.4 AF (1</u> t or million gallons; <u>circle one</u>) per calendar year.	5AF ID1, 57.4 AF ID2)*			
В. 🗌 F	REDUCT	ION IN AUTHORIZED MAXIMUM <u>RATE</u> OF DIVERSION OF WATER.				
] (•	ested that the maximum rate of diversion of water be reduced to c.f.s.).	gallons per minute			
		REDUCTION IS CONTINGENT UPON APPROVAL OF NEW APPLICATION ATTACHED.	ON FOR INCREASE			
		Assisted by: <u>BILLINGE</u>	٦ <u>ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا</u>			

DWR 1-669 (Revised 06/16/2014)

C. REDUCTION IN THE SIZE OF THE AUTHORIZED <u>PLACE OF USE</u> OF WATER. (A reduction in place of use may result in a reduction of the authorized rate and quantity to reflect reasonable needs.)																			
It is r	It is requested that the authorized place of use be reduced to:																		
Own	er of L	_and - N	IAME	: NO	CHAN	GE													
		ADDF	RESS	:											· · · · · · · · · · · · · · · · · · ·				
IRRIGATION USE																			
				N	=1/4			NV	V1⁄4			SV	V1⁄4			SE	=1/4		TOTA
Sec.	Twp.	Range	NE¼	NW¼	SW1/4	SE¼	NE¼	NW¼	SW1/4	SE¼	NE⅓	NW¼	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE¼	ACRE
	•																		
					i														
								·											
	<u>OR</u>																		
NON IRRIGATION USE																			
Describe:																			
(If more space is needed, attach additional sheets as necessary.)																			
A copy of a topographic map is attached showing the place of use after the requested reduction.																			
D. [(A re	UCTIO duction ciated w	in the	point(s) of d	iversio	n may								itity au	thorize	ed by t	the am	ounts
	It is ı	request	ed tha	at the	numb	er of a	author	ized r	oints	of div	ersior	be re	duce	d to:					
															fwat		cated	as foll	ows:
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(If m	ore sp	ace is i	neede	d, atta	ach ac	dition	al she	eets a	s nece	essary	/ .)								
	A copy of a topographic map is attached, showing the location of the remaining point(s) of diversion after the requested reduction.																		
E. [E. REDUCTION IN THE TYPES OF BENEFICIAL USE AUTHORIZED.																		
	It is requested that the types of beneficial use of water be reduced to:																		

I, the undersigned owner of this water right or permit declare that: (1) I am freely and voluntarily choosing to reduce the water right listed; and (2) I am waiving any rights to a hearing or an appeal that I may have had regarding the reduction of the water right listed.

I declare that I am an owner, as identified herein, or that I represent an owner, as identified herein, and am authorized to make this request on his or her behalf.

Dated at St Frances, Kansas, this S (City) Male A Wala (Owner) GALE WALT (Please Print)	day of January, 2018. (Month) V (Year) May C. Wak (Spouse) MARY C. WALZ (Please Print)
(Owner)	(Spouse)
(Please Print) (Owner)	(Please Print) (Spouse)
(Please Print)	(Please Print)
State of Kansas) ss County of <u>Clayenne</u>)	
I hereby certify that the foregoing application was sig	
NOTARY PUBLIC - State of Kansas KELLY L. FREWEN	Kellglifewer

WATER RESOURCES RECEIVED

JAN 08 2018

My Commission expires

INSTRUCTIONS:

The request must be signed by each owner of the place of use authorized by the water right or permit <u>and his or her spouse, if married.</u> All water right or permit owners, including spouses, must sign this request for it to be valid. Unless the water right or permit has been legally severed from the authorized place of use, the owners of the water right or permit are the owners of the authorized place of use. Please indicate if there is no spouse. If land is being purchased under contract, the seller must sign as owner until such time as the contract is completed.

In the event that all owners cannot sign together in front of one notary public, they may, as necessary, sign appropriate copies of the request in front of any notary public conveniently available to them. All copies signed in this manner shall be accepted as valid parts of the request.

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.

1290 West 4th Street P.O. Box 905 Colby, Kansas 67701-0905

May 29, 2018

Leslie Ireland Water Appropriation Program 1320 Research Park Drive Manhattan KS 66502

> RE: Water Right, File Nos. 28,506 & 45,185 Appropriation of Water, File No. 47,657 Application, File No. 49,975

Dear Leslie,

The Northwest Kansas Groundwater Management District has reviewed the above referenced application and based on our records and the information supplied by the applicant, we have determined that the following recommendations be made to the Chief Engineer:

Approve all with the requested reductions.

If any additional information is required, please advice.

Sincerely

Ray Luhman Manager

jem:

Ireland, Leslie [KDA]

From:

Ireland, Leslie [KDA]

Sent:

Thursday, June 21, 2018 8:39 AM

To:

Stewart, Kelly [KDA]

Subject:

RE: New Application File No. 49975 & Changes File Nos. 28506 45185 & 47657 Walz

Kelly,

Thanks for the correction,, one of those true field office knowledge things... I'll put the documents together for Brent to review when he gets back from Colorado.

Take care,

Leslie

From: Stewart, Kelly [KDA]

Sent: Wednesday, June 20, 2018 9:42 AM

To: Ireland, Leslie [KDA] <Leslie.Ireland@ks.gov>; Billinger, Mark [KDA] <Mark.Billinger@ks.gov>

Cc: Hageman, Rebecca [KDA] < Rebecca. Hageman@ks.gov>

Subject: RE: New Application File No. 49975 & Changes File Nos. 28506 45185 & 47657 Walz

Leslie,

I recommend approval of the change applications and new application.

FYI – In the second paragraph at the top of Page 2 of your memo, you state the area is closed. It is not closed, but it is over appropriated.

Kelly

From: Ireland, Leslie [KDA]

Sent: Tuesday, June 19, 2018 2:37 PM

To: Stewart, Kelly [KDA] < Kelly.Stewart@ks.gov >; Billinger, Mark [KDA] < Mark.Billinger@ks.gov > Subject: New Application File No. 49975 & Changes File Nos. 28506 45185 & 47657 Walz

Hi guys,

Please let me know if you could recommend this package of applications. I wrote and rewrote the summary memo to try and get it all summarized.

As always comments and concerns are welcome.

Leslie Ireland, Environmental Scientist II Kansas Department of Agriculture Division of Water Resources - Change Unit (785) 564-6633 Leslie.Ireland@ks.gov www.agriculture.ks.gov

Ireland, Leslie [KDA]

From:

Billinger, Mark [KDA]

Sent:

Thursday, May 17, 2018 4:37 PM

To:

Ireland, Leslie [KDA]

Subject:

RE: Reduction to File No. 28506 for IRR Q

OK here is my math and it still holds to what I did on the reduction.

I think the difference is solely based upon that memo Shannon wrote in 2010. Since then we have a new reg and I based my CU percentage on the map on page 82 under 5-5-9

Step one: Calculate max quantity that could be converted to another use type

78 AF X 87.6% (as per 5-5-9) = 68.328 AF

Step two: divide amount to be changed by total amount that could be changed and remaining amount

4.88/68.328 = 0.071420208 or 7.1420208% 1-0.071420208 = 0.928579792 or 92.8579792% can be retained for irrigation use. 5-5-11(b) 2B11 . 72,429 DF x 0,85//28 NIL808 CHO = 48/

CULTENTY AUTHORIZE AU +S 47,0 ACRES
NO REDUCTION NEEDED

92.8579792% X 78 AF = 72.429 AF

What do ya think?

From: Ireland, Leslie [KDA]

Sent: Monday, May 14, 2018 10:26 AM

To: Billinger, Mark [KDA] <Mark.Billinger@ks.gov> **Subject:** Reduction to File No. 28506 for IRR Q

Mark,

Could you please look at the numbers to determine the quantity remaining for irrigation use? The paperwork was submitted showing 72.4 AF would remain for the IRR Q. I'm getting 71.8 AF, a difference of 0.6 AF. Could you please update the number below if it is a difference in calculators... or something like that???.

File No. 28,506 will provide the water as allowed by K.A.R. 5-13-7 and 8, as it is located within two miles of the geographical center of the groundwater pit. To assure that the consumptive use will not be increased the right will be evaluated by K.A.R. 5-5-10, *Partial changes in the use made of water from irrigation to another type of beneficial use*, for the 4.88 AF needed.

Step one: 1.14' (Cheyenne Co. 50% NIR) x 54 acres (Shannon Cain, STKFO 1/21/10 memo) = 61.56 acre-feet as the rights total quantity that could be changed to industrial use.

Step two: $4.88 \text{ AF} \div 61.56 \text{ AF} = 0.079272255$

1.00 - 0.079272255 = 0.920727745 or 92% can be retained for irrigation use

Step three: 0.920727745 x 78 acre-feet = 71.81 retained for irrigation use.

Leslie Ireland, Environmental Scientist II Kansas Department of Agriculture Division of Water Resources - Change Unit (785) 564-6633
<u>Leslie.Ireland@ks.gov</u>
<u>www.agriculture.ks.gov</u>

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

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

May 21, 2018

MARY LOU DOUTHIT 820 RS 877 SAINT FRANCIS KS 67756

> RE: Water Right, File Nos. 28,506 & 45,185 Appropriation of Water, File No. 47,657 Permit, File No. 49,975

Dear Ms. Douthit:

This letter is to **provide notice** for the appropriations listed above as required by K.S.A. 82a-1906, which became effective on July 1, 2016.

The owner of the referenced appropriations has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture. The applications propose to change the place of use to expand, to the West, an existing sand and gravel pit authorized under File Nos. 45,185 & 47,657. The expansion will increase the acres of surface water from 6 to 7.5 acres under a new permit File No. 49,975 that is requesting 4.88 acre-feet of water for the natural evaporation that will occur by the increase in side. The application under File No. 28,506, proposes a reduction in quantity authorized for irrigation use to supply the 4.88 acre-feet of water for the new permit File No. 49,975.

The existing sand and gravel pit is located in the Northwest Quarter of the Northeast Quarter of the Northeast Quarter (NW¼ NE¼ NE¼) of Section 20, in Township 4 South, Range 41 West, Cheyenne County.

The application under File No. 28,506, that will be reduced from 78 to 72.4 acre-feet for irrigation use, also proposes a change in point of diversion to reassign the 72.4 acre-feet remaining. This quantity (72.4 acre-feet) is proposed to be reassigned between the authorized existing irrigation wells from:

one (1) well located in the Northwest Quarter of the Northwest Quarter of the Northeast Quarter (NW¼ NW¼ NE¼) of Section 20, more particularly described as being near a point 5,244 feet North and 2,486 feet West of the Southeast corner of said section, at a quantity not to exceed **29 acre-feet** per calendar year and at a diversion rate not in excess of 265 gallons per minute (0.59 c.f.s.), and

one (1) well located in the Southeast Quarter of the Southeast Quarter of the Southeast Quarter (SE½ SE½ SE½) of Section 17, more particularly described as being near a point 302 feet North and 183 feet West of the Southeast corner of said section, at a quantity not to exceed 49 acre-feet per calendar year and at a diversion rate not in excess of 270 gallons per minute (0.60 c.f.s.),

RE: File Nos. 28,506; 45,185; 47657; & 49,975 Page 2

to:

one (1) well located in the Northwest Quarter of the Northwest Quarter of the Northeast Quarter (NW½ NW½ NE) of Section 20, more particularly described as being near a point 5,244 feet North and 2,486 feet West of the Southeast corner of said section, at a quantity not to exceed 15 acre-feet per calendar year and at a diversion rate not in excess of 265 gallons per minute (0.59 c.f.s.), and

one (1) well located in the Southeast Quarter of the Southeast Quarter of the Southeast Quarter (SE½ SE½ SE½) of Section 17, more particularly described as being near a point 302 feet North and 183 feet West of the Southeast corner of said section, at a quantity not to exceed 57.4 acre-feet per calendar year and at a diversion rate not in excess of 270 gallons per minute (0.60 c.f.s.),

all in Township 4 South, Range 41 West, all in Cheyenne County, Kansas.

Information supplied by the applicant indicates that you as a nearby landowner may have a well or wells in this vicinity, therefore you are being notified. Should you want to comment or provide other information which you desire to submit, please do so within 15 days for the date of this letter.

If you have any questions, please contact our office, my desk phone is (785) 564-6633. If you wish to discuss a specific file, please have a file number ready so that we may help you more efficiently.

Sincerely,

Leslie Ireland

Environmental Scientist

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Water Appropriation Program

pc:

Stockton Field Office

Groundwater Management District No. 4

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 Торека, KS 66612 Рноле: (785) 296-3556 www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D. JACKIE McClaskey, Secretary of Agriculture

May 21, 2018

FILE COPY

NORTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT NO 4 ATTN RAY LUHMAN PO BOX 905 COLBY KS 67701-0905

Re:

Water Right, File Nos. 28,506 & 45,185

Appropriation of Water, File No. 47,657

Application, File No. 49,975

Dear Mr. Luhman:

We are enclosing a copy of an applications under each of the file numbers referred to above. The applications appear to be in proper form.

We are delaying any further action for a period of 15 days from the date of this letter to allow you time to submit your recommendations.

Please submit your recommendations within the allotted time, or any authorized extension of time thereof. If you wish to refer to a specific file, please reference it when you contact us.

Sincerely,

Leslie Ireland

Environmental Scientist

Water Appropriation Program

LI:li

Enclosures

pc:

Stockton Field Office

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

GALE A & MARY WALZ

January 11, 2018

445 RS 877 SAINT FRANCIS, KS 67756

RE: File No 28506

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 PD ☐ 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,

Brent Tourney, L.G.

Change Applications Unit Supervisor

Water Appropriation Program

Smil A. Juney

BAT: DLW

pc: STOCKTON Field Office GMD4