# Kansas Department of Agriculture / Division of Water Resources <u>Stockton</u> Field Office

TO:	HEADQUARTER	₹S		
RE	☐ Vested Right;	Water Right;	Appropriation of Water	er; Application
	File No(s)	7, 11083	Count	ty SD ·
Encl	osed are the followi	ng checked items:	•	
ПА	Proposed Certif	FIR Full	Partial Inspection	Return to Field Office
	,		Meter Order:	☐ GMD#4
	Meter Install In Compliance Modify Point of Div	☐ Not in Complia ersion ☐ No ☐	ng App Other	
□ A □ A □ A	memorandum date	nsion of time to per		
		ance _	•	
□ A	water use report for	Violation .e (name(s) and add	ress(es) below)	Date
A K	copy of an <u>Approva</u> Filing Fee attach	I to Change the ₹	place of use and/or pp	oint of diversion,
	Advanced copy of	of a change applic	eation and the filing fee,	to be processed at the fiel
	original field officiew and further pro		tion and the filing fee r	needing headquarters offic
Oth	er:			
			·	
	1	3		
(	Mark	01		9-10-18
As	sistant Water Com	missioner		Date

DWR 1-308 (Revised 01/16/2009)

# Kansas Department of Agriculture Division of Water Resources

**CHANGE: P/U WORKSHEET** 

1. File Number: <b>7,105</b>	2. Status Change Date:	3. Change Num:	4. Field Office:	5. GMD:
6. Status: Approved	enied by DWR/GMD	Dismiss by Reques	st/Failure to Return	7. Filing Date of Change: 8/13/18
8a. Applicant(s) New to system ☐  COBY L BAALMAN 4998 S RD 90 W MENLO, KS 67753	Person ID 64646 Add Seq#	232 WA	• •	07
8b. Landowner(s) New to system ☐  COBY L BAALMAN 4998 S RD 90 W MENLO, KS 67753	Person ID 64646 Add Seq#	3233 T	ostem ⊠  D MOOREHOUS HOMAS AVE GOMERY, AL 36	
9. Documents and Enclosure(s):	DWR Meter(s) Date to Compl	ly:	N & P Date t	to Comply:
☐ Anti-Reverse Meter ☐ Met ☐ Conservation Plan ☐ Date Req	er Seal	N & P Form		Driller Copy
10. Use Made of Water From:		To: _		
			Date Prepared: <b>9/10</b> Date Entered:	/18 By: BILLINGER By:

File No. <b>7,105</b>	11. County	SD	Basin:	S F SO	LOMO	N RIVE	R		St	tream:							Fo	ormation Code	e: <b>211</b>	Special Use:	
12. Points of Diversion CHK MOD DEL PDIV													A	uthori				dditional			
ENT Qualifier	S	T F	R ID		'N	'W		Com	ment	(AKA I	Line)		Rate		Quantil af	ty	Rate			Overlap PD Files	
NO CHANGE																					
13. Storage: Rate		NF	Quantity					ac/ft	A	ddition	al Rat	e				NF	Addi	tional Quantit	y	ac	/ft
14. Limitation:	af/yr	at			gpm (_																
Limitation:	af/yr	at			gpm (_				cfs) w	nen co	mbine	d with	file no	umber	(s)				==		_
15. 5YR Allocation: Allocation	Туре	Start	t Year _		5 YR	Amour	nt		Amo	unt U	nit	_	Base	Acres		_ Co	mment.				
16. Place of Use CHK			NE1/4			NW	11/4			SV	V1/4			s	E¼		Total	Owner	Chg?	Overlap Files	
MOD DEL ENT PUSE S T R	ID	NE 1/4	NW SW		NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4					
MOD 5676 4 9S 30		31.25	31.25 31.2	5 31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25					375	8b.	N	11083	
MOD 67143 4 9S 30	W 2												31.25	31.25	31.25	31.25	125	8c. & 8d.	Y	11083	
Base Acres: Year:	N	inimum	Reasonal	ole Qua	ntity:																
Comments:																					

## STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
STOCKTON FIELD OFFICE
820 S. WALNUT
STOCKTON, KS 67669-0192



Phone: (785) 425-6787 Fax: (785) 425-6842 www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.

JACKIE McClaskey, Secretary of Agriculture

September 14, 2018

COBY L BAALMAN 4998 S RD 90 W MENLO KS 67753

Re:

Water Rights, File Nos. 7,105 & 11,083

Dear Mr. Baalman:

Enclosed are two (2) orders executed by David W. Barfield, Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the applications for change under the above referenced file numbers.

Your attention is directed to the terms, conditions, and limitations specified in these approvals for change.

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

These documents are summary orders by this agency regarding these matters. These orders shall become final if requests for hearings are not filed with the Chief Engineer within 15 days of the date of service of these orders.

If you have any questions, please feel free to contact this office. If you wish to refer to a specific file, please reference it when you contact us.

Sincerely

Mark Billinger

Assistant Water Commissioner

MB:rh Enclosures

pc: G.M.D. No. 4

#### CERTIFICATE OF SERVICE

On this 14<sup>th</sup> day of September, 2018, I hereby certify that the attached <u>SUMMARY ORDERS</u> <u>APPROVING APPLICATIONS FOR CHANGE in PLACE OF USE</u> for water rights, File Nos. 7,105 & 11,083, dated on the 14<sup>th</sup> day of September, 2018, were mailed postage prepaid, first class, U.S. mail, to the following:

COBY L BAALMAN 4998 S RD 90 W MENLO KS 67753

JOHN MOOREHOUSE 3233 THOMAS AVE. MONTGOMERY, AL 36106

DAVID MOOREHOUSE 232 WAGON TRAIL ALABASTER AL 35007

Blerra Kagurun

Copies of these Change Approvals were sent to the following:

Groundwater Management District No. 4 P.O. Box 905 Colby, KS 67701 Submit completed application to: Kansas Department of Agriculture Division of Water Resources Field Office for your area. Call for address:

Topeka -- (785) 862-6300 Stafford -- (620) 234-5311 Stockton -- (785) 425-6787 Garden City -- (620) 276-2901 www.ksda.gov/dwr

# DWR FIELD OFFICE APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR THE POINT OF DIVERSION



## STATE OF KANSAS

Filing Fee Must Accompany the Application, K.S.A. 82a-708b(b), as amended.

Fee Schedule is on the third page of this application form.

Paragraph Nos. 1, 2, 3 & 5 must be completed. Complete all other applicable portions. If change in point of diversion is greater

APPLICATION COMPLETE
Reviewer

		nd/or p		use wi			.,													
uivo	iolori d	indioi pi	1400 01	uso.													RE	CEIVI	ED	
. Ar	plication	on is he	ereby n	nade fo	or appi		ile No						eck or	ne or b	oth):		11:	13 2	·M·	
	<b>,</b>		,				lace of				Point					Stockton Field Office Division of Water Resou				
un	der the	e water	right w	hich is	the s	ubject	of this	applic	ation i	n acco	rdance	with t	the cor	dition	s desc	ribed I	oelow.			
Th	e sour	ce of su	apply is	s:		⊠ G	round	water			Surfac	e wate	er							
		d addre																,		
						,			Email											
		nd addre																		
INC	anne an	iu auui e							//-											
DI	one N	umber:							Email	addres	56.									
		ently au							Lilian	audic.										
		-					AN /NE	e cian		DAVII	D IMOC	DEHOI	ISE (SE			10	HNDM	OOREHO	OUSE (SE)	
O	WIIEI OI																		MERY, AL 36	
(If	there is	more th										AIL ALAI	DASIEK,	AL 3500	7 3230	3 THOW/	13 AVE	VIOIVIGOI	MERT, AL 30	
(		111010 111		NE		1	Ppioni	NV			,,,	CV	V1/4			SI	=1/4		TOTAL	
500	Turn	Range	NE1/4			SE1/4	NE1/4		SW1/4	SE1/4	NE1/4	NW1/4		SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	ACRES	
Sec.	Twp.	30	40	40	40	40	INE/4	1400/4	344/4	OL/4	40	40	40	40	40	40	40	40	480	
7		30	40	40	40	40					10	-10	10	-10	-10		10			
															<u> </u>					
16.	thin on	plication	in for	a aba	naa in	nlass	of uso	it in n	ronooc	ad that	the pl	noo of	una ha	ohon	and to					
		-			_	-											UNIDM	OOBEUO	USE (SE)	
O	WIIEI O																		MERY, AL 36	
(If	there is	more th										AIL ALA	DAS IER,	ML 3500	01 323	3 IHOM	19 AVE	WONTGO	WENT, AL 30	
("	1101010	THOIC G					ppioni			110000	Ja. 7.,	01	A19.			0	-1/	1	TOTAL	
_			NIPPA (		2/4	0544	NEW		V1/4	051/	NIET		N1/4	OF1/	NEW		E¼ CIMIV	CEY	TOTAL	
Sec.		Range																	500	
4	9	30	31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25	31.25	500	
							-						-	-	_	-	-			
	Off:	an Una	Onless	Cada					TO	4		D	anoint.	Doto			Char	L #		

ii A ( E		4	Quarter of the , Township						
ii A ( D F	SHERIDAN	-	1011101110						
A ( D		[ [ ]	nty Kansas 1632	foot No	orth 32	255 feet West	of Southeas	t corner of	section
( D	Authorized Nate								300110
F	_		No G					. ,	
F			ed  This point wi						
_		_	•		_	Ollows, SHOULI	DE KEDUC	JED 10 / 1	VAL
			Complete only if chan						
			Quarter of the						
C	of Section		, Township			_ South, Range			(E/
İ	n	Cou	nty, Kansas,	feet N	orth	feet West	of Southeas	t corner of	section
			Proposed Quantity						
		Additional Well	☐ Geo Center List	other wat	er rights th	nat will use this p	oint		
_	17.11						,		
	resently author								
			Quarter of the						
			, Township						
			nty, Kansas,						
P	Authorized Rate _		_ Authorized Quantity			Depth of well		(feet)	
(	DWR use only:	Computer ID	No G	PS		feet North	1	feet West)	
			ed This point wi						
F	Proposed point of	of diversion: (	Complete only if chan	ge is req	uested)				
_			Quarter of the			Quarter of the			Qua
			, Township						
			nty, Kansas,						
			_ Proposed Quantity						
			☐ Geo Center List						
-1	riis poirit is. Li F	duitional vveil	☐ Geo Center List	Olifei wat	er rigints ti	iat will use triis p	Olifit		
V	Why do you need a	a new point of d	iversion? <u>NA</u>	-	(PLEAS	ram below in relate E NOTE: The ents presently au	"X" in cent	er of diag	ram b
						100 50		100	
-							1711111		
li	f a well, is the test	hole log attach	ed? Yes No			E	, <del>+</del>		
		•		1		E	_	=	
V	When do you prope	ose to complete	the new point of diversi	on?	5	50 - +	- +	- 50	1
N	NA .		, , , , , , , , , , , , , , , , , , , ,			F	-	7	,
					141	- F	<del>-</del>	=	-
1	f the point of diver	sion is a well:			West	n-111111	1 <u>X</u>	111-70	East
(	a) What are you	going to do with	the old well?			E.		-	
	1A				L	50 E +	_	<b>=</b> 50	1
r	NA			-		F T		7	,
						F	_		
(	b) When will this	be done? NA		-		hullin	Ituul	LILE	
						100 50	0 50	100	
(			recommendation attach	ed?			South	.00	
	☐ Y	es 🛛 No					le: 1" = 100'		
				13b	. If the pr	oposed point of det but within 132	iversion will b	the eviction	more
F	Assisted by <u>RL_GI</u>	MD #4		-	diversio grounds within o names	n, attach a topogravater sources, sl ne-half mile of the and mailing addr	aphic map or now all wells	aerial photo	ograph dom

14. If the proposed groundwater point of diversion is 300 or fewer	feet from existing point of diversion, complete the following:
affected if this application is approved as requested?	
age and the owner, the spouse of the owner, or a duly as	uthorized agent of the owner(s) to make this application on s application pertains. I further verify that the statements
Dated at House, Kansas	s, this 19th day of July , 2018.
Polly 1.3 Day	
Cabu L. Bad Man	(Spouse)
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
State of Kansas  County of Sheridan	LESLEA OELKE NOTARY PUBLIC STATE OF KANSAS
I hereby certify that the foregoing application was signed of, 20	STATE OF KANSAS My And. Exp 220 30 before me this 19 day
	Hyloa Oelke
My Commission Expires 2-26-2020	Notary Public
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complead accurate information; maps, if necessary, must be included; signatures of at the appropriate fee must be paid.	Will the ownership interest of any owner of the currently authorized place(s) of use identified in this application be adversely affected if this application is approved as requested?    Yes
FEE SC	HEDULE
forth in the schedule below: Make checks payable to: Kansas Dej  (1) Application to change a point of diversion 300 feet or le  (2) Application to change a point of diversion more than 30	partment of Agriculture ess
A State of the Sta	
and the little a ter Brand Edge control address of the sale spreadings of the sale spreadin	RECEIVED

DWR 1-121 (Revised 06/16/2014)

Page 3

AUG 13 2018

File No. 7105

### SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

of t	ne Kansas Water Appropriation Law, K.S.A. 82a-701 et. seg.,	, as amended, and K.A.R. 5-14-3 and other applicable provisions and rules and regulations promulgated thereunder, K.A.R. 5-1-1 ined herein, this Summary Order does not change the terms,
1.	A change application was received on	requesting that the place of use and / or point of be changed as described in the application.
2.	On and after the effective date of this summary order, the auth the topographic map accompanying the application to change	norized place(s) of use shall be located substantially as shown on the place of use. Applicable Not Applicable
3.	The change in point of diversion shall not impair existing right previously authorized. The point of diversion authorized by the radius of the authorized point(s) of diversion.   Applicable	is and shall be limited to the same source or sources of water as also summary order shall be located within afoot by Not Applicable
4.	The point(s) of diversion authorized herein shall not actually be authorized point(s) of diversion.   Applicable	pe located more than feet from the previously Applicable
	As required by K.A.R. 5-3-5d, if the works for diversion is a w	ell with a diversion rate of 100 gallons per minute or more, a tube s shall be installed, operated and maintained in accordance with
6.	<b>December 31, 20,</b> or before the first use of water, wo operated and maintained in accordance with K.A.R. 5-1-4 thr	perly install an acceptable water flow meter on or before thichever occurs first. The water flow meter shall be installed, rough 5-1-12. As required by K.S.A. 82a-732, as amended, and be reading of the water flow meter and the total quantity of water the end of each calendar year.
7.	Installation of the works for diversion of water shall be deauthorized extension of time. By March 1, 20 the applied for diversion has been completed, on the form provided by the Applicable	completed on or before December 31, 20, or within any cant shall notify the Chief Engineer that construction of the works to Chief Engineer, as required by K.A.R. 5-8-4e.
8.	The completed well log shall be submitted with the requir	red notice.  Applicable  Not Applicable
9.	with an in-line, automatic, quick-closing check valve capable	oreign substance will be injected into the water shall be equipped to of preventing pollution of the source of the water supply. The accordance with K.A.R. 5-3-5c. Applicable Not Applicable
10.	Additional Conditions are attached.  Yes No	
11.	water appropriated under the above-referenced file number limitations, as amended and/or supplemented by this Summ Appropriation Law and the Rules and Regulations promulgate	R. 5-5-14, all of the owners of the authorized place(s) of use of are responsible for compliance with its terms, conditions and eary Order, and with applicable provisions of the <i>Kansas Water</i> and thereunder. Failure to comply with these provisions may result ad/or the suspension or revocation and dismissal of the water or by law.
4	Administrative Appeal and Effective Date of Order.	FOR OFFICE USE ONLY
You	have the right to a hearing in accordance with K.A.R. 5-	APPLICATION APPROVED AND
Kar mus Res day atta with	B before this Summary Order becomes final action of the lasas Department of Agriculture. Any request for a hearing state be filed with the Chief Engineer, Division of Water cources, Kansas Department of Agriculture, 1320 search Park Drive, Manhattan, Kansas 66502, within 15 s after the date shown on the Certificate of Service ched hereto. If a hearing is not requested in accordance K.A.R. 5-14-3, this Summary Order will become effective the 15th day after the date shown on the Certificate of	By:  Duly Authorized Designed of the Chief Engineer  (Print Name):  Division of Water Resources - Kansas Department of Agriculture
Ser	vice.	Date of Issuance: 9-10-19
	For Use by Register of Deeds	State of Kansas ) County of Rooks )
	•	Acknowledged before me on 9-10-18
		by Mark Billinger
		Signature: Robecca F. Wagnehu Notary Public
		REBECCA F. HAGEMAN My Appointment Expires
		My commission expires: (Notary Seal)

14. If the proposed groundwater point of diversion is 30	00 or fewer feet f	rom existing point of div	version, complete the	following:
(a) Does the undersigned represent all owners of the Yes No (If no, all owners mutual)			identified in this appli	cation?
(b) Will the ownership interest of any owner of the affected if this application is approved as reque ☐ Yes ☐ No (If yes, all owners m	ested?		dentified in this appli	cation be adversely
(c) If this application is not approved expeditiously ☐ Yes ☐ No (If no, all owners me			operty, public health o	or safety?
If the application proposes a surface water change in poor a change in place of use, the application must be significant agent (attach notarized statement authorizing represent	ned by all owner	a groundwater change s of the currently autho	in point of diversion gonzed place of use, or	greater than 300 feet, their duly authorized
I hereby verify, being first duly sworn upon my age and the owner, the spouse of the owner, of their behalf, in regard to the water right(s) to contained in this application are true, correct a	r a duly autho which this ap	rized agent of the o	wner(s) to make the	nis application on
Dated at HOUIC	,Kansas, this	day of	14111	2010
Mortgomery	AL	14th .	July	2018
Mahar / Baylong			(Spouse)	
(Please Print)			(Please Print)	
John Myn Marse		,	(Spouse)	
JOHN D. MOOREHOWE			and the same	in difficulty
(Please Print)			(Please Print)	
David J. Mostehowse	- 1 U 44	a was done and and an	(Spouse)	1314
(Please Print) State of Kansas	MY COMMISSION	te of ALABAMA at large I EXPIRES: Oct. 03, 2018	(Please Print)	81.82
County of Mowloomerus ss	Bonded thru:	State Farm Insurance		turns april
I hereby certify that the foregoing application v	was signed in	my presence and s	worn to before me	this 4 day
Jung		tachoux	nB. Kit	Cheno
My Commission Expires Ott. 03, 2018	For	: John Moorel	Notary Public Plavio	Moorehouse
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. accurate information; maps, if necessary, must be included; significant the appropriate fee must be paid.	To be complete, a gnatures of all the	Il of the applicable portion appropriate owners' must	s of the application form be affixed to the applicat	must be completed with tion and notarized; and
	FEE SCHED	ULE		
Each application to change the place of use or the point forth in the schedule below: Make checks payable to: I  (1) Application to change a point of diversion 3  (2) Application to change a point of diversion n  (3) Application to change the place of use	Kansas Departn 300 feet or less . nore than 300 fe	nent of Agriculture		\$100 \$200
Acceptance of the control of the con		REC	EIVED	

SEP 07 2018

#### APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR POINT OF DIVERSION SUPPLEMENTAL SHEET FILE NO. 7105

I declare that I am an owner of the currently authorized place of use as identified herein, or that I represent all such owners and am authorized to make this application on their behalf, and declare further that the statements contained herein are true, correct, and complete.

in A	Alabama	1.16	-	
Dated at	, Kansas, this _	day of	July	<u> 2018.</u>
1.10 Mars		(day)	(month)	(year)
Take of the sale o			(Spouse)	
h)			(Spouse)	
(Owner)			(Spouse)	
Dovod J. Moorehouse				3
(Owner)			(Spouse)	
(Owner)			(Spouse)	
State of Kansas  County of MOWLOOMING  I hereby certify that MOWN  me and signed this foregoing application in my present	chouse Fince this 14th	David J. Print)  day of Tul	Moorehou y 2018	appeared before
	1	Cothonint	Notary Public	nd_
My Commission Expires Oct. 03, 20	18.	0		
HY COMMISSION EXPIRES: Oct. 03, 2018 Bonded thru: State Farm Insurance				HENS

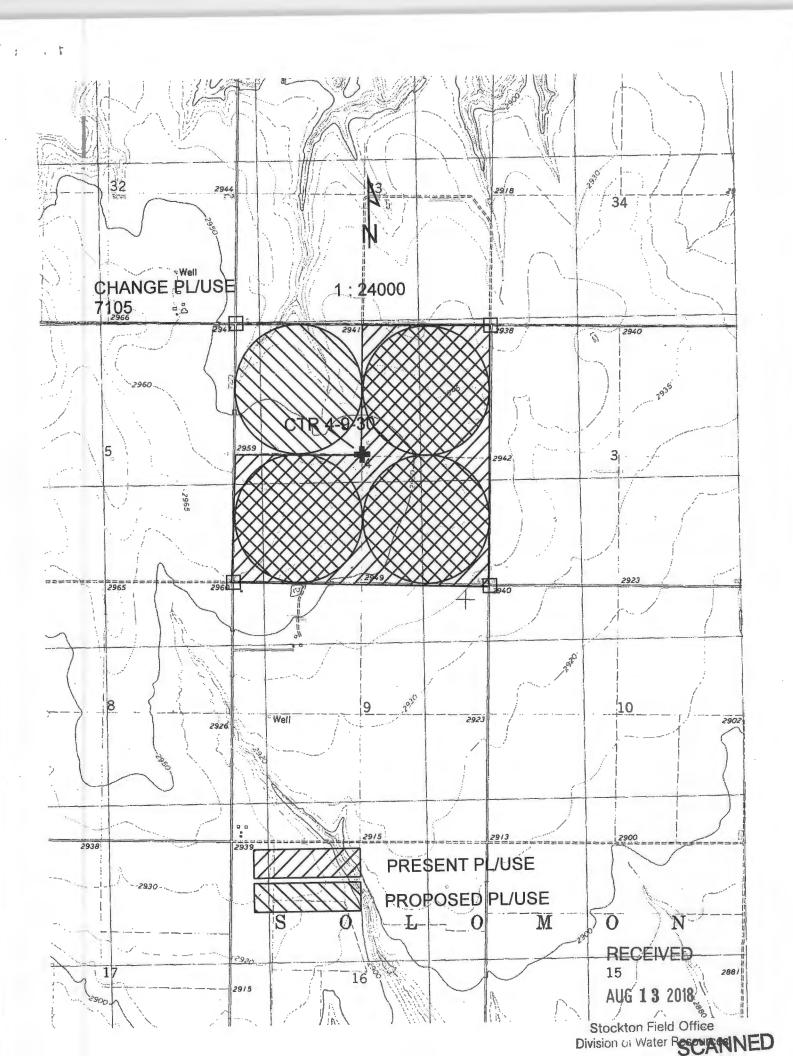
Page 5

RECEIVED

SEP 07 2018

File No. 7/05

SCANNED



# Kansas Department of Agriculture / Division of Water Resources <u>Stockton</u> Field Office

TO: HEADQUARTERS	
RE .Vested Right; X Water Right; A	ppropriation of Water;
File No(s). 7,105 + 11,083	County SD · ·
Enclosed are the following checked items:	
☐ A Compliance Check Inspection on ☐ Meter Install ☐ New App ☐ Chg App	whydocument attached
An application and judgment sheet with recommendated A memorandum dated A request for an extension of time to perfect of A verified report. A closure request. A field investigation report.  Notice of Non-Compliance	
Violation .	Date
<ul><li>☐ An ownership change (name(s) and address(e</li><li>☐ A water use report for</li></ul>	
☐ A copy of an <u>Approval</u> to Change the ☐ plac ☐ Filing Fee attached.	e of use and/or  point of diversion,
An Advanced copy of a change application office. # 2356 # 400.00  An original field office change application review and further processing.	and the filing fee, to be processed at the field
Other:	
it Pin.	
Assistant Water Commissioner	8-15-18 Date
	Date

DEPARTMENT OF AGRICULTURE DIVISION OF WATER RESOURCES STOCKTON FIELD OFFICE 820 S. WALNUT STOCKTON, KS 67669-0192





GOVERNOR JEFF COLYER, M.D.

JACKIE McClaskey, Secretary of Agriculture

August 13, 2018

GROUNDWATER MANAGEMENT DISTRICT NO 4 PO BOX 905 COLBY KS 67701

Re: Water Right, File No. 7,105

Dear Ladies and Gentlemen:

Reference is made to the application referred to above which appears to be in proper form.

We are delaying any further action until <u>August 27, 2018</u> to allow you time to submit your recommendation concerning this application.

Please submit your recommendation 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,

Kelly C. Stewart Water Commissioner

KCS:rfh Enclosures PHONE: (785) 425-6787

www.agriculture.ks.gov

Fax: (785) 425-6842



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

August 13, 2018

Kelly Stewart Stockton Field Office 820 South Walnut Street Stockton KS 67669

RE: WR File No. 7,105 Coby Baalman

Dear Kelly,

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 application. Resource Development Plan attached.

If you have any questions, please contact this office.

Sincerely,

Ray Luhman Manager

RPL: jem attachments

RECEIVED

AUG 13 2018

Stockton Field Office Division of Water Resources 

 LEGAL (OPT)
 NW 4-9-30
 7105 & 11083

 PIVOT LENGTH (REQD)
 1316.5

 ROTATION DEGREES (REQD)
 360

 GPM (REQD)
 350

 NOZZLE SPACING IN FT (OPT)
 6.6666

 RESIDUE IN LBS/ACR (REQD)
 4000

CROPS ANY IRRIGABLE CROPS MAY BE PRODUCED

. 0

ADDED PROVISIONS/NOTES NONE

ACRES OF CLASS VI SOIL

IN GRASS, ALFALFA, ETC.

#### CALCULATIONS FOR AVERAGE FIELD SLOPE

ACRES IN FIELD:

124,9982

MAP UNIT NUMBER	SOIL TYPE			AVERAGE SLOPE		TYPE		WEIGHTE AVERAGE
	Keith silt toam, 1 to 3 percent slopes		+	2	+	116	+	1.85603
1859	Ulysses silt loam, 3 to 6 percent slopes		+	4.5	+	9	+	0.324
		0	+	0	+		+	0
		0	+	0	+		+	0
		0	+	0	+		+	0
		0	+	0	+		+	0
		0	+	0	+		+	0
		0	+	0	+		+	0
		0	+	0	+		+	0

AVERAGE WEIGHTED FIELD SLOPE:

2.18 %

ENTER CLASS VI ACRES HERE: ENTER STEEPEST SLOPE IF CLASS VI: WEIGHTED AVERAGE FIELD SLOPE: PER CENT CLASS VI SOIL DESIGN SLOPE FOR CENTER PIVOT; ACRES %
2.180032 %
0 %
2.180032 %

RECEIVED

AUG 13 2018

SCANNED

Stockton Field Office

## **DESIGN GROUP 5**

			1	4.2
design slope	2.180032 %	3	3	2.5
residue	4000 lbs/acre	4000	5	1.5
			7	1.1
max all. Appl. Rate	3 in/hr			

900	0.85
1000	0.9
1500	0.95
2000	1
2500	1.05
3000	1.1
3500	1.15
4000	1.2
4500	1.25

#### CALCULATED \*\*\*\*\*\*\*

MAX ALLOW APPL RATE

PIVOT LENGTH

1316.5

GPM:WTD DIA 20.52

350.00

GPM WTD DIA 17.06

GPM =

350

APPL RT=

3.00

RADIUS GPM 1316.5 350

NZL SPCNG 6.6666

GPM/AC 2.80

> 350.08 = SUM NZL GPM 3.54 = GPM END NZL

RECEIVED

AUG 13 2018

