# Kansas Department of Agriculture Division of Water Resources

**CHANGE: P/U WORKSHEET** 

Document Signature <u>DWI</u>
-------------------------------

1. File Number:	2. Status Change Date:	3. Change Num:	4. Field Office:	5. GMD:
4,537 D2	5h/2018	X2	02	02
6. Status: ⊠ Approved □	Denied by DWR/GMD	Dismiss by Reques	t/Failure to Return	7. Filing Date of Change:
8a. Applicant(s) New to system □	Person ID <b>54615</b> Add Seq#	8c. Landowno		Person IDAdd Seq#
RAYMOND G FLICK TRUST RAYMOND & SUSAN 2701 N NORTH SHO WICHITA KS 67205-	N FLICKNER RE CIR			
8b. Landowner(s)  New to system	Person ID Add Seq#	8d. WUC New to sy	stem □	Person ID <b>54615</b> Add Seq#
	,	SAME	AS 8A	:
9. Documents and Enclosure(s):	☑ DWR Meter(s) Date to Compl	y: <u>12/31/18</u>	N & P Date to	Comply:
☐ Check Valve ☐ N 8	& P Form	e 🔲 Driller	Сору П 8	E Letter
☐ Conservation Plan Date F	Required: Dat	e Approved:	Date to	Comply:
10. Use Made of Water From:		To: _		
	·		Date Prepared: <b>4/11/</b> Date Entered: 5/7/0	18 ву: <b>ВАТ</b> 2018 ву: ЦМ

File No. <b>4,537 D2</b>	11. County:	Ва	asin:	Stream:									Fo	rmation Code	Special Use:	
12. Points of Diversion T MOD										Rate ar	nd Qu			Ac	dditional	
DEL PDIV ENT Qualifier	S	T R	ID .	'N	'W	Comme	nt			Rate gpm/cfs		Quantity af/mgy		Rate		
MOD 41220 SWSESW	29	21S 2W	3	60 3	443									*		
•			•													
,																:
13. Storage: Rate	N	IF Qua	ntity			ac/ft	Addition	nal Rat	e				NF	Addi	tional Quantity	ac/ft
14. Limitation:	af/yr af	t		gpm (	-	cfs)	when co	ombine	d with	file nur	nber(	s)		an .	-	
Limitation:347	af/yr at	t		gpm (		cfs)	when co	ombine	d with	file nur	nber(	s)				
15. 5YR Allocation: Allocatio	n Type <u><b>B3</b></u>	Start Yea	r <u>2018</u>	5 YR Am	ount <u><b>26</b></u>	<u><b>0</b></u> Aı	mount U	nit <u>Al</u>	=	Base A	cres		_ Co	omment _		
16. Place of Use T		N	E1⁄4		NW1/4		sv	<b>N</b> ¹/₄			SI	E1/4		Total	Owner C	hg? Overlap Files
MOD DEL ENT PUSE S T F	R ID	NE NW 1/4	SW SE 1/4	NE NY		SE NI	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW ¼	SW 1/4	SE ¼			
ENT 21859 20 21S	2W 1					40	.0 38.5	37.0	34.5		9.0			159.0	8a N	O 4537D1, 4894, 29958
ENT 9979 29 21S 2	W 2			39.0 19	.0 39.0	40.0 40	.0 29.0	38.5	39.0					283.5	8a N	O 4537D1, 4894, 29958
MOD 60135 32 21S	2W 3			40.0										40.0	8a N	O 4537D1, 4894, 29958
Comments: ENT	ER ACTIOI	N TRAIL	СОММЕ	NT XX	XX 2	2018 "E	33000	4 5 Y	'R A	LLOC	NC	ACF	RE L	IMIT 2	260 AF	

# KANSAS DEPARTMENT OF AGRICULTURE Division of Water Resources

#### <u>MEMORANDUM</u>

TO: Files

DATE:

April 24, 2018

FROM: Brent A. Turney

RE:

Water Right

File Nos. 4,537D1, 4,537D2, 4,894 and 29,958

Raymond and Susan Flickner owners of the above referenced water rights have filed applications for approval to change the place of use under the above referenced water rights. The applications propose to add additional acres to the existing places of use and to also create a complete overlap in the authorized places of use between the four water rights.

The referenced files do not appear to be abandoned as per K.S.A. 82a-718.

The changes in place of use under propose to increase the authorized acres to a total of 483 acres from the currently authorized 426.39 acres of land. Water Right, File Nos. 4,537 D1 and 29,958 are currently authorized a total of 230 acres and are currently in 5 year allocations that total 1,006 acre-feet of water in a 5 year period. Water Right File No. 4,894 is currently authorized a total of 156.39 acres and is currently in a 5 year allocation to 529.5 acre-feet in a 5 year period. Both of these 5 year allocations will start over for the period beginning in 2018 through 2022. While Water Right, File No. 4,537 D2 is not currently in a 5 year allocation, it is proposed that it be place in one based upon the following calculation:

50% NIR McPherson County (10.8 inches / 0.85 efficiency / 12 inches x 81 base acres x 5 years = 428.8 acre-feet. Since the water right is only authorized 52 acres-feet, the allocation is equal to 5 times authorized or 260 acre-feet

In compliance with KAR 5-5-11(b)(3)(A), GMD No. 2 has agreed to monitor the project and has submitted a monitoring agreement between the GMD and Mr. Flickner.

In an letter dated, December 7, 2017, a letter and a copy of the applications were submitted to the Equus Beds GMD No. 2 along with a request to make a recommendation. In a letter date January 30, 2018, Tim Boese, Manager, GMD No. 2, recommended that the applications for change in place of use be approved.

In an email dated todays date, Jeff Lanterman, Water Commissioner, Stafford Field Office, recommended that the applications be approved.

A check valve will be required if any chemical or foreign substance is injected into the water through the diversion works.

Based on the above discussion, that the change is reasonable, that impairment to existing water rights is unlikely, that no change in the local source of supply will occur and that the new application will account for any increase in the consumptive use, it is recommended that the referenced application be approved.

Change Application Unit Supervisor

## 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

FILE COPY

RAYMOND G FLICKNER REVOCABLE TRUSTRY 8, 2018
RAYMOND & SUSAN FLICKNER
2701 N NORTH SHORE CIR
WICHITA KS 67205-1079

RE: Water Right File Nos. 4,537 D1, 4,7537D2, 4,894 and 29,958

Dear Mr. and Mrs. Flickner:

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

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in the approval for change. A condition of the approval is that an acceptable water flow meter must be installed on the diversion works authorized under the above referenced water rights. Please return the required notification of installation of the required meters as soon as these actions are completed.

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 this office. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Brent A. Turney, P.C.

Change Application Unit Supervisor

Water Appropriation Program

BAT

Enclosures pc: Stafford Field Office



# KANSAS DEPARTMENT OF AGRICULTURE Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES

David W. Barfield, Chief Engineer

## APPROVAL OF APPLICATION FOR CHANGE IN PLACE OF USE WATER RIGHT FILE NO. 4,537 D2

The Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, after due consideration of the written application of Raymond and Susan Flickner, 2701 N North Shore Circle, Wichita Kansas 67205-1079, received in this office on November 27, 2017, for approval of a change in the location of the place of use under the certificate of appropriation issued pursuant to the application for permit to appropriate water for beneficial use, as modified and amended by the order of the Chief Engineer dated April 15, 1980, approving the application to change the use made of water, by the order of the Chief Engineer dated May 9, 2000, approving the application to change the location of the place of use, by the order of the Chief Engineer dated December 2, 2008, determining the interest in Water Right, File No. 4,537, and by the order of the Chief Engineer dated December 3, 2008, approving the application to change the use made of water, finds that the change is reasonable and will not impair existing rights and that the application should be and is hereby approved.

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

				NE	1/4			NΛ	11/4			SV	V1⁄4						
Sec.	Twp.	Range	NE1/4	NW1/4	SW¼	SE1/4	NE1/4	NW1⁄4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1⁄4	SW1/4	SE1/4	TOTAL
20	218	2W									40.0	38.5	37.0	34.5	_	9.0			159.0
29	215	2W					39.0	19.0	39.0	40.0	40.0	29.0	38.5	39.0					283.5
32	21S	2W					40.0												40.0

a total of 482.5 acres in Township 21 South, Range 2 West, McPherson County, Kansas,

located substantially as shown on the topographic map accompanying the application to change the place of use,

and the location of the location of the point of diversion shall be better described as being:

one (1) well located in the Southwest Quarter of the Southeast Quarter of the Southwest Quarter (SW1/4SE1/4SW1/4) of Section 29, more particularly described as being near a point 60 feet North and 3,443 feet West of the Southeast corner of said Section, Township 21 South, Range 2 West, McPherson County, Kansas.

By this order, this water right is subject to the following conditions:

- 1. That the quantity of water authorized under Water Right, File No. 4,537 D2 shall not exceed 260 acre-feet per five (5)-year period; the first period being calendar years 2018 through 2022, ad infinitum.
- 2. That the quantity of water authorized under Water Right, File No. 4,537 D2 shall not exceed 52 acre-feet per calendar year, provided that 260 acre-feet per five (5)-year period is not exceeded.
- 3. That use of water in excess of 260 acre-feet per five (5)-year period shall result in a two (2)-year suspension of all water use under this water right, effective the next two (2) calendar years, and a subsequent restriction of the authorized place of use to the following described property:

				NE	E1/4			NV	N1/4			SV	V1⁄4		_	SE		TOTAL	
Sec.	Twp.	Range	NE1⁄4	NW¼	SW1/4	SE1/4	NE1/4	NW1⁄4	SW1/4	SE1/4	NE1/4	NW¼	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	ACRES
20	21S	2W									32.0	30.5	28.5	21.0					112.0
29	21S	2W					5.0	14.5	25.5	39.0	36.0	24.0	38.0	37.0					219.0
32	21S	2W					40.0												40.0

a total of 371 acres in Township 21 South, Range 2 West, McPherson County, Kansas, located substantially as shown on the map accompanying the application to change the place of use.

4. That if Equus Beds Groundwater Management District No. 2 and/or the Division of Water Resources terminate their/its Memorandum of Understanding (MOU) pertaining to K.A.R. 5-5-11(b)(3), (4) and (5), by which the District assumes monitoring responsibility, then the place of use authorized by this change approval, which was issued by the Division pursuant to the MOU shall revert to the property described in paragraph no. 3, above, starting the calendar year following the year of termination.

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 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.

File No. 4,537 D2 Page 3

In all other respects, the Certificate of Appropriation issued pursuant to Approval of Application, File No. 4,537, for permit to appropriate water for beneficial use, is as stated and set forth in the Certificate of Appropriation dated February 17, 1978, and as modified and amended by the aforementioned orders.

Ordered this Onday of CHIEF ENGINERATION OF PARTMENT OF ACTION OF PARTMENT OF ACTION OF PARTMENT OF ACTION OF THE PARTMENT OF THE PA 2018, in Topeka, Shawnee County, Kansas. David W. Barfield, P.E. Chief Engineer ্ঠ Division of Water Resources ansas Department of Agriculture State of Kansas )SS County of Riley The foregoing instrument was acknowledged before me this dav , 2018, by David W. Barfield, P.E., Chief Engineer, Kansas Department of Agriculture. KAREN HUNTER My Appointment Expires

#### 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

October 24, 2018

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

#### CERTIFICATE OF SERVICE

On this day of work and the attached original Approval of Change in Place of Us, File No. 4,537 D2, dated was mailed postage prepaid, first class, US mail to the following:

RAYMOND G FLICKNER REVOCABLE TRUST RAYMOND & SUSAN FLICKNER 2701 N NORTH SHORE CIR WICHITA KS 67205-1079

With photocopies to:

Stafford Field Office GMD No. 2

Staff

#### Turney, Brent [KDA]

From:

Lanterman, Jeff [KDA]

Sent:

Tuesday, April 24, 2018 1:43 PM

To:

Turney, Brent [KDA]

Subject:

RE: Flickner 5-5-11 5 year allocation

Brent.

Im pretty familiar with these apps. Go ahead and approve them.

Thanks Jeff

From: Turney, Brent [KDA]

Sent: Tuesday, April 17, 2018 8:55 AM

To: Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov>

Subject: Flickner 5-5-11 5 year allocation

Jeff,

Can you give me a recommendation? I'm sure everyone is in a hurry on this one.

Thanks,

### Turney, Brent [KDA]

WATER RESOURCES
RECEIVED

From:

Tim Boese <tboese@gmd2.org>

Sent:

Monday, April 16, 2018 5:15 PM

To:

Turney, Brent [KDA]

KS DEPT OF AGRICULTURE

APR 1 6 2018

Subject:

RE: Nos. 4894, 4537-D1, 4537-D2, 29958 - Flickner

Attachments:

4537D1 & 4537D2 Signed Service Contract 4-16-18.pdf; 4894 Signed Service Contract

4-16-18.pdf; 29958 Signed Service Contract 4-16-18.pdf

Brent – Attached are signed service agreements for GMD2 monitoring the place of use for the referenced change applications. I have also sent KDA Attorney Kenneth Titus a draft GMD2/DWR Monitoring MOU for his review and the Chief Engineer's signature, but I don't know how long that will take. Also, it looks like the "Statement of Review" example from GMD5 you sent me will need to be modified by DWR for GMD2 use, as it is a protected document (DWR 1-120.4), so I can't modify it for GMD2 use. Since this will likely take some time, I went ahead and wrote up service agreements so you can approve the change applications.

Let me know if you need anything else.

#### Thanks.

Tim Boese, Manager Equus Beds GMD2 313 Spruce, Halstead, Kansas 67056 316-835-2224 Fax: 316-835-2225 tboese@gmd2.org www.gmd2.org

**From:** Turney, Brent [KDA] [mailto:Brent.Turney@ks.gov]

Sent: Monday, January 29, 2018 11:17 AM

To: Tim Boese

Cc: Lanterman, Jeff [KDA]; Stephen Flaherty

Subject: RE: Nos. 4894, 4537-D1, 4537-D2, 29958 - Flickner

Tim,

This should be the base and 5 year allocation numbers for these files.

4,894 100 base acers which calculates 529.5 AF for the 5 year allocation

4,5,37 D1 and 29,958 have a common 190 base acres, these two combined have a 5 year allocation of 1,006 AF and will be <u>limited</u> to 1,006 AF in 5 years

4,537 D2 has 71 base acres, however the 5 year allocation is equal to 5 x authorized 260 AF

Total 5 year allocation

4,894 529.5 AF

4,537 D1 1,006 Af

29,958 1,006 AF limited to 1,006 comb / 4,537 D1

4,537 D2 260 AF

Total base acres

= 361 acres

Total 5 year allocation = 1,795.5 AF

Brent A. Turney, P.G.
Kansas Department of Agriculture
Division of Water Resources
1320 Research Park Drive
Manhattan Kansas 66502
(785) 564-6645
Brent.Turney@ks.gov
www.agriculture.ks.gov

From: Tim Boese [mailto:tboese@gmd2.org]
Sent: Monday, January 29, 2018 8:27 AM
To: Turney, Brent [KDA] <Brent.Turney@ks.gov>

**Cc:** Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov>; Stephen Flaherty <sflaherty@gmd2.org>

Subject: Nos. 4894, 4537-D1, 4537-D2, 29958 - Flickner

Brent – I am finishing up our review of the referenced change in place of applications and had some questions concerning the 5 year allocation.

The overall 5 year allocation for all the water rights would be 1964.1 AF based on a combined base acres total of 371 acres. The change applications also specify individual 5 year allocations for each file as follows:

4894: 529.5 AF 4537D1: 525 AF 4537D2: 260 AF 29958: 825 AF

The 5 year allocation for 4894 appears to be based on 100 base acres X 0.9' / 0.85 X 5 = 529.5 AF

The other 5 year allocation are all based on the authorized quantity X 5.

Why is there a difference in the way the 5 year allocation is determined? Also, perhaps it does not matter and the rights will only be subject to overall 5 year allocation of 1964.1AF?

Thanks for your time.

Tim Boese, Manager Equus Beds GMD2 313 Spruce, Halstead, Kansas 67056 316-835-2224

Fax: 316-835-2225 tboese@gmd2.org www.gmd2.org

APR 1 6 2018

KS DEPT OF AGRICULTURE

#### **EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2**

313 Spruce Street Halstead, Kansas 67056-1925 Voice - 316 835-2224 Fax – 316 835-2225 equusbeds@gmd2.org

#### **SERVICE AGREEMENT- WATER RIGHT NOS. 4537D1 & 4537D2**

#### 1 CUSTOMER

RAYMOND G. FLICKNER 2701 N NORTH SHORE CIRCLE WICHITA KANSAS 67205 316 721-5221

#### 2 TERM AND COVERAGE

- 2.1 The term of this agreement is for five years of irrigation beginning May 1, 2018, and ending December 31, 2022.
- 2.2 Equus Beds Groundwater Management District No. 2 will inspect, read and collect water use and other information associated with water right nos. 4537D1 & 4537D2, (hereinafter called Services) from all or a portion of the following described point of diversion and place of use:
  - 2.2.1 one irrigation point of diversion in the Southwest quarter of the Southeast quarter of the Southwest quarter (SW-SE-SW) of Section 29, Township 21 South, Range 2 West, approximately 18 feet north and 3,444 feet west of the apparent southeast corner of said section.
  - 2.2.2 authorized irrigated land totaling 483 acres located in:

Section 20, Township 21S, Range 2W, McPherson County: NE-SW: 40 acres; NW-SW: 38.5 acres; SW-SW: 37 acres; SE-SW: 34.5 acres.

Section 29, Township 21S, Range 2W, McPherson County: NE-NW: 39 acres; NW-NW: 19 acres; SW-NW: 39 acres; SE-NW: 40 acres; NE-SW: 40 acres; NW-SW: 29 acres; SW-SW: 38.5 acres; SE-SW: 39 acres.

Section 32, Township 21S, Range 2W, McPherson County: RECEIVED NE-NW: 40 acres.

APR 16 2018

#### 3 RENEWAL

3.1 The agreement may be renewed at the end of the term by mutual agreement. GMD #2 Service fees may be subject to change annually or upon renewal.

#### 4 TIME FOR SERVICE

4.1 Services will be performed during normal business hours of the Equus Beds Groundwater Management District No. 2, which are from 8:00 A.M. to 5:00 P.M., Monday through Friday, exclusive of District holidays.

#### 5 **SERVICE PERFORMED**

- 5.1 Qualified personnel employed by the Equus Beds Groundwater Management District No. 2 will perform services.
- Inspection(s) of the point of diversion, water flow meter and place of use will be conducted on the items described in paragraphs 2.2.1 and 2.2.2.
- 5.3 The inspection(s) will be conducted during the period of active irrigation operations each year, as provided for in Paragraph 4, Time for Service.
- Inspection(s) will be conducted at least once per irrigation season, or more often if necessary as determined by the Equus Beds Groundwater Management District No. 2. The customer may request additional inspections. Such inspections will be performed subject to the terms and conditions of the agreement.
- 5.5 Water meter readings will be recorded to the nearest gallon, 0.01 acre-inch or 0.001 acre-foot.
- 5.6 Recorded data for each inspection will include:
  - 5.6.1 Water Flow Meter
    - 5.6.1.1 legal description and coordinates of the water flow meter,
    - 5.6.1.2 date and time of meter reads,
    - 5.6.1.3 totalizer read,
    - 5.6.1.4 direct and timed rate reads.
    - 5.6.1.5 name of inspector.
    - 5.6.1.6 model and serial number,
    - 5.6.1.7 units of measure for rate and totalizer, and
    - 5.6.1.8 multiplication factor.
  - 5.6.2 Point of Diversion
    - 5.6.2.1 legal description and coordinates of the point of diversion,
    - 5.6.2.2 operational status of the point of diversion, and
    - 5.6.2.3 total discharge flow metered.
  - 5.6.3 Place of Use
    - 5.6.3.1 irrigated acres legal description,
    - 5.6.3.2 estimated acres irrigated,
    - 5.6.3.3 crop irrigated, and
    - 5.6.3.4 type of irrigation system.
- 5.7 The Equus Beds Groundwater Management District will submit an inspection summary report of the items described in paragraphs 2.2.1 and 2.2.2 to the Chief Engineer, Division of Water Resources, within thirty days of an inspection. A copy of the summary report will be furnished to the customer.
- 5.8 Only the services specifically listed are subject to the agreement.

RECEIVED

APR 16 2018

Equus Beas GMD #2

APR 1 6 2018

Equus Beds Groundwater Management District No. 2 Service Agreement Page 3

6 **CUSTOMER RESPONSIBILITY** 

KS DEPT OF AGRICULTURE

- The Equus Beds Groundwater Management District No. 2 will have ingress and egress to the point of diversion, water flow meter and place of use as reasonably necessary to the carry out this service agreement and the customer agrees not to restrict such ingress and egress.
- 6.2 The customer will maintain the point of diversion(s) and water meter(s) described in paragraph 2.2.1 in such a manner as to provide for the timely inspection of the point of diversion, water flow meter and place of use in order to implement the service agreement.

#### 7 LIMITATIONS OF LIABILITY

- 7.1 The Equus Beds Groundwater Management District No. 2 is not responsible for consequential or incidental damages including, but not limited to, any interruption of use of the point of diversion(s) described in paragraph 2.2.1, or any losses or damages resulting from any Equus Beds Groundwater Management District No. 2 acts or omissions under this agreement.
- 7.2 Data collected under this agreement is subject to the Open Public Records Act, K.S.A. 45-215 et seg.

#### 8 SERVICE FEES

- The customer will be invoiced for services performed by the Equus Beds Groundwater Management District No. 2:
  - 8.1.1 mileage (one-way) at the standard mileage rate allowed by the Internal Revenue Service, Publication 463, and
  - 8.1.2 staff and administrative time including inspection, readings, data entry, and report preparation and distribution at \$34.25 per hour.
- 8.2 Service fees shall be invoiced within thirty days of service date.
- 8.3 Service fees are due and payable upon invoice.
- A service fee not paid within 30 days of invoice is subject to a late charge of 1.5 percent per month equivalent to 18 percent per annum.
- 8.5 Fees not paid within 90 days of invoice will result in the suspension or termination of services.

9 SIGNATURES	4/ / 2
DATE: 4-16-2018	DATE: 1 7/15/18
BY: Bosac Equus Beds Groundwater Management District No. 2	BY: Raymont 6. Flickner, Customer

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APR 16 2018

Equus Beds GMD #2

JEFF WINTER, PRESIDENT VIN KISSICK, VICE PRESIDENT ALAN BURGHART, SECRETARY MIKE MCGINN, TREASURER TIM BOESE, MANAGER THOMAS A. ADRIAN, ATTORNEY



DIRECTORS:
DAVID BOGNER
JOE PAJOR
DALE SCHMIDT
BOB SEILER
DAVID STROBERG

# EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2

313 SPRUCE STREET • HALSTEAD, KANSAS 67056-1925 • PHONE (316) 835-2224 • FAX (316) 835-2225 • equusbeds@gmd2.org • www.gmd2.org

January 30, 2018

Chief Engineer, Division of Water Resources Attn: Brent Turney 1320 Research Park Dr. Manhattan, Kansas 66502 WATER RESOURCES RECEIVED

FEB 0 1 2018

Re:

Place of Use Change Applications

Water Right File Nos. 4537-D1, 4537-D2, 4894, 29958 - Raymond Flickner

KS DEPT OF AGRICULTURE

Dear Mr. Turney:

The Equus Beds Groundwater Management District No. 2 reviewed the referenced change in place of use applications on January 30, 2018, using the District's Revised Management Program (effective May 1, 1995) and Rules and Regulations K.A.R. 5-22-1 through 5-22-17.

The change applications propose to modify the place of use and create an identical place of use overlap totaling 483 acres between the referenced water rights pursuant to K.A.R. 5-5-11(b)(3), subject to five year allocation(s). The proposed place of use results in a combined water to land ratio of 0.89 acre-feet per acre.

Additionally, pursuant to K.A.R. 5-5-11(b)(3)(A), the groundwater management district in which the points of diversion are located, must agree to assume monitoring responsibility to ensure compliance with the change approvals conditions.

Subject to the condition specified below, the change applications will comply with the District's Revised Management Program and Rules and Regulations K.A.R. 5-22-1 through 5-22-17.

Based on the review, the change applications are recommended for approval, subject to the Division of Water Resources determining the 5 year allocation(s) quantity(s). Additionally, the District agrees to assume monitoring responsibilities to ensure compliance with the change approval conditions through either a formal Memorandum of Understanding with the Division of Water Resources and/or the applicant obtaining a service contract with the Equus Beds Groundwater Management to conduct an annual inspection(s) of the place of use being irrigated and review the annual water use.

A District decision may be appealed to the District Board of Directors by submitting a written petition to the District office within 30 days from date of this notification, pursuant to K.A.R. 5-22-12. Please contact the District should you have any questions regarding the review or recommendation.

Sincerely,

EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2

Tim Boese Manager TDB/db

pc: Raymond Flickner, Applicant and Landowner

Jeff Lanterman, Division of Water Resources, Stafford

This is a

recommendation by
the Equus Beds
Groundwater
Management District
and not an approval
of an application or
water permit.

#### Water Use History for File No. 4537 & 29958

4537 Approved Irrigation Quantity: 105 AF

29958 Approved Irrigation Quantity: 165 AF (53,765,000 gal.)

Place of Use 5 Year Allocation: 1,006 AF

Authorized Acres: 230 (after 2000)

		File No. 4	4537 (D1 after 2	(800			Fi	le No. 29958				
	Beginnging	Ending	Total Metered	IND Use	IRR Use	Beginnging	Ending	Total Metered	IND Use	IRR Use	IRR Allocation	
YEAR	Meter	Meter	Q (gal)	(AF/gal)	(AF)	Meter	Meter	Q (gal)	(AF/gal)	(AF)	Left (AF)	Comment
2000	198.257	308.236		33.00	76.979	424.011	546.023		36.00	86.012	843.009	2000-2004 Allocation
2001	0	26,813,200	26,813,200	8,146,275	57.287	0	27,884,400	27,884,400	10,753,083	52.574	733.148	
2002	26,813,200	60,286,100	33,472,900	5,313,700	86.417	27,884,400	65,178,200	37,293,800	10,872,162	81.085	565.646	4537 12/18/02 visit: 60,286,100 gal
2003	60,286,100	7,721,700	47,435,600	8,000,000	121.023	65,178,200	7,269,200	42,091,000	10,000,000	98.484	346.139	29958 12/18/02 visit: 64,259,100 gal
2004	7,721,700	27,601,900	19,880,200	8,000,000	36.459	7,269,200	34,045,300	26,776,100	10,000,000	51.484	258.196	
2005	27,601,900	52,741,300	25,139,400	8,146,275	52.150	34,045,300	60,792,100	26,746,800	10,000,000	51.394	902.456	2005-2009 Allocation
2006	52,741,300	95,703,300	42,962,000	10,000,000	101,157	60,792,100	9,734,200	48,942,100	17,800,000	95.572	705.728	
2007	95,703,300	29,351,400	33,648,100	13,000,000	63.367	9,734,200	36,620,200				619.694	
2008	29,351,400	47,337,200	17,985,800	4,887,765	40.196	36,620,200	61,340,500	24,720,300	4,900,000	60.826	518.672	File 4537 now 4537-D1 (105 AF)
2009	47,337,200	66,018,100	18,680,900		57.330	61,340,500	92,650,000	31,309,500	27,709,500	11.048	450.294	
2010	66,018,100	91,440,300	25,422,200		78.018	92,650,000	26,733,700	34,083,700	3,800,000	92.937	835.045	2010-2014 Allocation
2011	91,440,300	30,688,800	39,248,500		120.449	26,733,700	75,124,100	48,390,400	5,900,000	130.398	584.197	
2012	30,688,800	55,281,000	24,592,200		75.471	75,124,100	24,039,100	48,915,000	10,948,500	116.515	392.212	4537 4/11/12 visit: 30,688,800 gal
2013	55,281,000	64,461,500	9,180,500		28.174	24,039,100	52,980,800	28,941,700	10,800,000	55.675	308.363	4537 10/31/12 visit: 55,066,900 gal
	Beginnging	Ending	Metered		Total	Beginnging	Ending	IRR Metered	IND Use	Irrigation	IRR Allocation	
	Meter	Meter	Q (gal)		Q (AF)	Meter	Meter	Q (gal)	(AF/gal)	Q (AF)	Left (AF)	Comment
2014	64,461,500	81,092,800	16,631,300		51.040	63,930,800	84,968,100	21,037,300	10,950,000	64.561	192.762	
2015	81,092,800	98,165,400	17,072,600		52.394	95,894,100	17,753,700	21,859,600	10,926,000	67.085	886.521	2015-2019 Allocation
2016	98,165,400	8,083,000	9,917,600		30.436	21,859,600	28,829,000	6,969,400	4,105,900	21.388	834.697	
2017	8,083,000	32,944,600	24,861,600		76.297	28,829,000	81,832,800	53,003,800	**	162.663	595.737	Meter readings from 12/11/17 visit
2018			0		0.000			0		0.000		**The IRR/IND split for 2017 is unknown
2019			0		0.000			0		0.000	595.737	

From 2014 on, the water user reported part of the meter readings on the Industrial water use report and the remainder of the meter readings on the irrigation report. Prior to that, the full metered quantity was reported on the Irrigation and the Industrial report with a value subtracted out for the other use with no indication of where the other use quantity came from.

The meter readings on the 2016 Industrial report do not match up properly with the irrigation reports. The IND readings were reported as beginning at 95,894,100 gal and ending at 7,005,600 gallons for a metered Q of 11,111,500 gallons. The quantity reported above 'corrected' and is based on the gap between the 2015 and 2016 irrigation report meter readings.

12/18/17 EKF/SFFO

#### Turney, Brent [KDA]

From:

Tim Boese <tboese@gmd2.org>

Sent:

Monday, January 29, 2018 8:27 AM

To:

Turney, Brent [KDA]

Cc:

Lanterman, Jeff [KDA]; Stephen Flaherty

Subject:

Nos. 4894, 4537-D1, 4537-D2, 29958 - Flickner

Brent – I am finishing up our review of the referenced change in place of applications and had some questions concerning the 5 year allocation.

The overall 5 year allocation for all the water rights would be 1964.1 AF based on a combined base acres total of 371 acres. The change applications also specify individual 5 year allocations for each file as follows:

4894: 529.5 AF

4537D1: 525 AF-

4537D2: 260 AF 29958: 825 AF~

The 5 year allocation for 4894 appears to be based on 100 base acres  $\times 0.9' / 0.85 \times 5 = 529.5 \text{ AF}$ 

The other 5 year allocation are all based on the authorized quantity X 5.

Why is there a difference in the way the 5 year allocation is determined? Also, perhaps it does not matter and the rights will only be subject to overall 5 year allocation of 1964.1AF?

Thanks for your time.

Tim Boese, Manager Equus Beds GMD2

313 Spruce, Halstead, Kansas 67056

316-835-2224 Fax: 316-835-2225 tboese@gmd2.org www.gmd2.org

#### Turney, Brent [KDA]

From:

Turney, Brent [KDA]

Sent:

Thursday, February 1, 2018 9:15 AM

To:

Zarco, Armando [KDA]; Letourneau, Lane [KDA]; Lanterman, Jeff [KDA]; Meyer, Mike

[KDA]; Kiniston, Lexi [KDA]

Subject:

RE: wca proposal

#### All,

I have been reviewing the four changes in place of use and have discovered an error in the calculations used to determine the 5 year allocation. The changes currently state that the 371 base acres will allow for a total of 1,964.1 AF for the 5 year allocation. The actual number for the 5 year allocation is 1,795.5 AF. I have informed Ray of this error. He said that he understands how the error happened and concurs that the number should be 1,795.5. Further he said that he will have to reevaluate his proposal for the WCA.

Let me know if you have any questions.

**Brent** 

Brent A. Turney, P.G.
Kansas Department of Agriculture
Division of Water Resources
1320 Research Park Drive
Manhattan Kansas 66502
(785) 564-6645
Brent.Turney@ks.gov
www.agriculture.ks.gov

From: Zarco, Armando [KDA]

Sent: Friday, January 26, 2018 10:38 AM

**To:** Letourneau, Lane [KDA] <Lane.Letourneau@ks.gov>; Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov>; Meyer, Mike [KDA] <Mike.Meyer@ks.gov>; Kiniston, Lexi [KDA] <Lexi.Kiniston@ks.gov>; Turney, Brent [KDA] <Brent.Turney@ks.gov>

Subject: RE: wca proposal

#### Okay,

With the help of Jeff, Matt, and Lexi I think I have been able to understand more on this. I have included a new WCA summary report, the original letter from the Flickners, as well as a map that the Stafford office generated to hopefully explain clearly.

The letter was a bit confusing because they stated they wanted NIR, then stated they wanted 560 AF/YR (with a 5-year allocation), then specified specific quantities per water rights (which flexibilities they wanted to include overpumping and dual use). I attempted to capture all this in a summary report so please look at each section individually rather than a whole picture.

With the help of the Stafford office, we were able to get confirmation on the term-permits filed in the past. So Lexi was able to update our historical use spreadsheet to reflect those changes and give credit for year pumping above authority. Then she determined the NIR, BASED ON THE PENDING CHANGE APPS, with the exception of WR #29958 IND. As well, we went ahead and used the historical period of 2001-2016 for all water rights regardless of when SDI was installed but the first SDI's were installed in 2001.

To highlight some things:

Flickner's letter proposed a total of 560 AF/Year for all WR's; with a 5-year allocation of 2,800 AF.

Average Historical Use (2001-2016)= 433.941 AF/Year.....more than used in 2014, 2015, or 2016.

NIR for all IRR WR's + #29958 IND Auth Qty (35 AF) = 744.200 AF/ Year.

NIR for all IRR WR's + #29958 IND Ave Use (27.997 AF)= 737.197 AF/Year.

Specified WR's Qty's listed/requested + ave use of WR's not listed= 631.982 AF/Year.

This is all on the report sheet as well but wanted to point those things out.

I'd be happy to explain over a conference call if need. Lane, Mike, or Jeff can you please set this up? If there are any specific questions, please let me know.

- Armando Zarco

From: Zarco, Armando [KDA]

Sent: Wednesday, January 17, 2018 12:32 PM

**To:** Letourneau, Lane [KDA] < <u>Lane.Letourneau@ks.gov</u>>; Lanterman, Jeff [KDA] < <u>Jeff.Lanterman@ks.gov</u>>; Meyer, Mike [KDA] < <u>Mike.Meyer@ks.gov</u>>; Kiniston, Lexi [KDA] < <u>Lexi.Kiniston@ks.gov</u>>; Turney, Brent [KDA] < <u>Brent.Turney@ks.gov</u>>

Subject: RE: wca proposal

So the way I see it now...is that he wants his WCA allocation purely based on NIR for total authorized acres (which I think will include those in the changes).

Then he wants "past consideration" for his conservation using SDI. I can try to review his numbers/run my own spreadsheet to compare NIR to past use but just based on some back of a napkin math in my head I am not seeing an conservation factor...but I'll take a deeper look and get back to the group.

- Armando Zarco

From: Letourneau, Lane [KDA]

Sent: Wednesday, January 17, 2018 9:44 AM

To: Lanterman, Jeff [KDA] < <u>Jeff.Lanterman@ks.gov</u>>; Meyer, Mike [KDA] < <u>Mike.Meyer@ks.gov</u>>; Kiniston, Lexi [KDA] < <u>Lexi.Kiniston@ks.gov</u>>; Turney, Brent [KDA] < <u>Brent.Turney@ks.gov</u>>

Subject: FW: wca proposal

I am getting this out to our team. I have not reviewed it yet.

From: rgflickner@msn.com [mailto:rgflickner@msn.com]

Sent: Monday, January 15, 2018 12:50 PM

To: Letourneau, Lane [KDA] < Lane. Letourneau@ks.gov>

Cc: Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov'>; Ryan Flickner <ryan.flickner@gmail.com>

Subject: Fw: wca proposal

Sent from Windows Mail

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



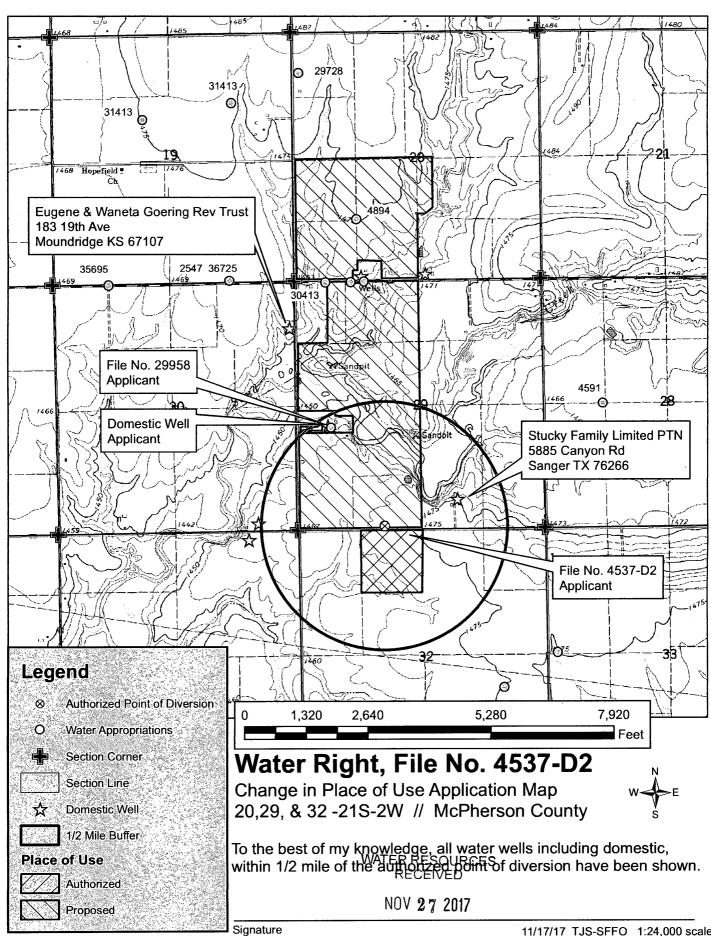
Filing Fee Must Accompany the Application

(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 authorized and proposed points(s) of diversion and /or place of use must accompany this application.

1.	Application is hereby ma		_	eer to change the	WATER RESOURCES RECEIVED  NOV 27 2017 \:\05 KS DEPT OF AGRICULTURE
			File No. <u>4537-D</u>	2	
2.	Name of applicant: Rayr	mond Flickner	-		
	Address: 2701 N North	Shore Circle			
	City, State and Zip: Wic	hita, KS 6720	5-1079		
	Phone Number: (316)73			il address: raflickner	@msn.com
				·	other? If other, please explain.
	Name of water use corre	espondent: Ra	aymond G Flickner Ro	evocable Trust	
	Address: Raymond & Su	usan Flickner,	2701 N North Shore	Circle	
	City, State and Zip: Wich	hita, KS 6720	5-1079		
	Phone Number: (316)73	34-6049	E-ma	il address: <u>rgflickner</u>	@msn.com
3.	in order to more adequa	ately spread th	ne quantity over the va	arious irrigation syste	e specific): A complete overlap is requested ems.  gation systems.
	The change(s) (was) (w	ill be) comple	ted by		(Date)
F.C	r Office Use Only: D. 2 GMD 2 Meets		(YE) / NO) Use (R	Source Gys	

Assisted by: TJS-SFFO SCANNED



4. The	e prese	ently au	ıthoriz	ed pla	ce of ι	use is:										File No	o. <u>453</u>	7-D2	
		er of La		-			d G FI	ickner	Revo	cable	Trust								
					-							orth SI	hore C	ircle,	Wichit	a, KS	67205	5-1079	
				NE	1/4			NV	V1/4			sv	V1/4			SE	1/4		TOTAL
Sec.	Twp.	Range	NE1/4	NW¼	SW1/4	SE¼	NE1/4	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE1/4	NW1/4	SW¼	SE¼	ACRES
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_																			
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	Owne	er of La	nd —	NAM	IE:														
	Owner of Land — NAME:ADDRESS:																		
	NE½ NW½ SW½ SE½ TOTAL																		
Sec.	Twp.	Range	NE1/4	NW¼	SW¼	SE¼	NE1/4	NW¼	SW¼	SE¼	NE1/4	NW¼	SW¼	SE¼	NE1/4	NW1/4	SW¼	SE¼	ACRES
List any	y other	water r	rights t	that co	ver th	is plac	e of u	se							l <u></u>	1 1/1/1/	TER RE	<del>RESC</del> CEIV	<del>DURCES</del> ED
	(If the	ere are	more t	than tv	vo lan	downe	ers, att	ach a	ddition	al she	eets as	nece	ssary.	)			NOV	27	2017
5. It is	s propo	sed tha	at the p	place	of use	be ch	anged	l to:									INCO W	<b>2</b> 0.6	LUII
	Owne	er of La	nd —	NAM	IE: <u>Ra</u>	ıymon	d G FI	ickner	Revo	cable	Trust					KSI	DEPTO	FAGR	ICULTURE
			AD	DRES	S: <u>Ra</u>	ıymon	d & Sı	usan F	lickne	r, 270	1 N N	orth SI	nore C	ircle,	Wichit	a, KS	67205	5-1079	<u> </u>
•				NE	1/4			NV	V1/4			SV	V1/4			SE	1/4		TOTAL
Sec.	Twp.	Range	NE1/4	NW1/4	SW1/4	SE¼	NE1/4	NW1/4	SW¼	SE¼	NE1/4	NW¼	SW¼	SE¼	NE1/4	NW½ مع	SW¼	SE¼	ACRES
20	21S	2W									40	38.5	37	34.5		9*	3		159.🔏
29	215	2W					39	19	39	40	40	29	38.5	39					283.5
32	21S	2W					40							-					40
List any			rights 1	that co	ver th	is plac	e of u	se. <u>48</u>	94, 29	958,	4537-I	01					*BM	101	
	Owne	er of La	nd	NAM	IE:											_	· `L	1-24.	-18
				DRES															
				NE	=1/4			MM	V1/4			SV	V1/4			SE	=1/4		TOTAL

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 Twp.
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 NW½
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List any other water rights that cover this place of use. \_

The presently authorize	or point(b) or arrondion are one t	17 WON AND DIVOR	(Provide description and number	er of points)	
The proposed point(s)	of diversion (is) (are) N/A		( )	,	
The proposed point(s)	or arrorder (10) (a.0) <u>147.1</u>		(Provide description and number	er of points)	
List all presently auth	orized point(s) of diversion:				
Presently authorized					
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	29, Township				
	County, Kansas,18			outheast corne	r of section.
	GPM( Limited) /				
	puter ID No. 3 GI			teet We	est)
-	be changed	_			
	ersion: (Complete only if chan				0 1
	Quarter of the				
	, Township				
	County, Kansas,			outneast corne	r of section.
	Proposed Quantity			1527 02	
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Presently authorized	point of diversion:				
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	, Township				
in	County, Kansas,	feet North	IEEL MEST OF S	outileast come	
	County, Kansas, Authorized Quantity			outreast corne	
Authorized Rate	Authorized Quantity				
Authorized Rate (DWR use only: Com	Authorized Quantity	PS	 feet North		
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KS DEPT OF AGRICULTURE SCANNED

File No. <u>4537-D2</u>

		File No. <u>4537-D2</u>
12.	The presently authorized use of water is for Irrigation	purposes.  purposes.  purposes.  z-l-87
	It is proposed that the use be changed to N/A	purposes.
13.	If changing the place of use and/or use made of water, describe how the consum- GMD-2 Monitoring Required. File No. 4537-D2 limited to 5-year fixed allocations	1795.50
	Consideration must be made to align existing allocations (Quantity and start date	
	A large portion the proposed place of use has been converted to subsurface drip	
	subsurface drip systems planned for future conservation. It should also be noted	
	low bottomland which regularly floods out crops (overlap will allow flexibility to be (Please show any calculations here.)	
14.	It is requested that the maximum annual quantity of water be reduced to	(acre-feet or million gallons).
15.	It 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. 1:24,000, is available through the Kansas Geological Survey, 1930 Constant Kansas 66047-3726 ( <a href="www.usgs.gov">www.usgs.gov</a> ). The map should show the location of th Distances North and West of the Southeast corner of the section must be sho should also be shown. Identify the center of the section, the section lines and the section, township, and range numbers on the map. In addition the following info	Avenue, University of Kansas, Lawrence, e presently authorized point(s) of diversion. Wn. The presently authorized place of use ne section corners and show the appropriate
	a. If a change in the location of the point(s) of diversion is proposed, show:	
	<ol> <li>The location of the proposed point(s) of diversion. Distances North and must be shown. Please be certain that the information shown on the Paragraph Nos. 9, 10 and 11 of the application.</li> </ol>	
	2) If the source of supply is groundwater, please show the location of domestic wells, within ½ mile of the proposed well or wells. Identify ex mailing address of the property owner or owners. If there are no wells well as the property owner or owners.	ach well as to its use and furnish name and
	3) If the source of supply is surface water, the names and mailing addres and ½ mile upstream from your property lines must be shown.	sses of all landowner(s) ½ mile downstream
	b. If a change in the place of use is desired, show the proposed place of use certain that the information shown on the map agrees with the information sl	e by crosshatching on the map. Please be nown in Paragraph No. 5 of the application.
17.	Attach documentation to show the change(s) proposed herein will not impair e local source of supply as to which the water right relates. This information may well logs, test hole logs, and other information as necessary information to sho made below.	include statements, plats, geology reports,
	The applicant requests that a draft order be sent for review of the allocation prior	to approval.
18.	If the proposed change(s) does not meet all applicable rules and regulations of identify the rules and regulations for which you request a waiver. State the request should be granted. Attach documentation showing that granting the requiling not prejudicially and unreasonably affect the public interest.	eason why a waiver is needed and why the

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

No waivers anticipated

KS DEPT OF AGRICULTURE

WATER RESOURCES

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.

I declare that I am an owner of the currently authorized plac authorized to make this application on their behalf, and dec complete. By filing this application I authorize the chief engi as specified in sections 14 and 15 of this application.	clare furth	er that the s	tatements	contained h	erein are tı	ue, corre	ect, and
Put Fli	nsas, this _	24.	day of	Northern Flee	Kner	_, 20_	<u>7</u> .
(Owner) (Please Print)			Sve	(Spouse) <u>iv</u> (Please Prin	ickne	۲	
(Owner)				(Spouse)			
(Please Print)				(Please Prin	t)		
(Owner)				(Spouse)			
(Please Print)				(Please Prin	t)		
State of Kansas  County of Sedgwick  I hereby certify that the foregoing application was signed November 20 7	I in my p	resence and	swom to	before me	this <u>24</u>	14h	day of
My Commission Expires  AARON SIMS  Notary Public - State of Kansas  My Appt. Expires 05/19/2021	-		<u> A</u>	Notary Publi	<u> L</u>		
<u>FE</u>	E SCHEDU	ILE					
Each application to change the place of use, the point of diversion application fee set forth in the schedule below:	or the use	made of the v	water unde	r this section s	shall be acco	ompanied	by the
<ul> <li>(1) Application to change a point of diversion 300 feet or</li> <li>(2) Application to change a point of diversion more than</li> <li>(3) Application to change the place of use</li></ul>	300 feet					\$100 \$200 \$300	)
Make check payable to Kansas Department of Agriculture.					WATER I	RESOU CEIVED	RCES

KS DEPT OF AGRICULTURE SCANNED

NOV 27 2017

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

#### **REVERSION ACRES** FILE NO. 4537-D2

MAKE ADDITIONAL COPIES AS NECESSARY

Owner of Land — NAME: Raymond G Flickner Revocable Trust
ADDRESS: Raymond & Susan Flickner, 2701 N North Shore Circle, Wichita, KS 67205-1079

			NE1/4			NW1/4			SW1/4			SE1/4			TOTAL				
Sec.	Twp.	Range	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE¼	ACRES
20	21S	2W									32	30.5	28.5	21					112
29	21S	2W					5	14.5	25.5	39	36	24	38	37					219
32	21S	2W					40												40

WATER RESOURCES RECEIVED

NOV 27 2017

KS DEPT OF AGRICULTURE

File No. <u>4537-D2</u>

Page \_\_



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

Jackie McClaskey, Secretary

Governor Sam Brownback

RAYMOND FLICKNER 12/4/17 2701 N NORTH SHORE CIRCLE WICHITA, KS 67205 FILE COPY

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:

RE: File No 4537D2

☐ place of use PU ☐ 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

Soul A. Juney

BAT: DLW

pc: STAFFORD Field Office GMD2



109 SW 9th Street, 2nd Floor Topeka, Kansas 66612-1283

Dale A. Rodman, Secretary David W. Barfield, Chief Engineer phone: (785) 296-3717 fax: (785) 296-1176 www.ksda.gov/dwr

Sam Brownback, Governor

December 18, 2017

EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO 2 ATTN TIM BOESE 313 SPRUCE HALSTEAD KS 67056-1925

Re: Water Right

File Nos. 4,537 D1, 4,537 D2, 4,894 and 29,958

Dear Mr. Boese:

We are in receipt of your request for an extension of time to supply a recommendation to the Chief Engineer, received in the office of the Chief Engineer December 15, 2017.

We are delaying any further action January 31, 2018, to allow you time to submit your recommendations concerning these applications.

Please submit your recommendations within the allotted time, or any authorized extension of time thereof. If you have any questions, please contact me at (785) 296-4617. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Prent A. Turney, L.G. Change Application Unit Supervisor

Water Appropriation Program

BAT Enclosures

pc: Stafford Field Office



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

Jackie McClaskey, Secretary

Governor Sam Brownback

FILE COPY

December 7, 2017

EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2 ATTN TIM BOESE 313 SPRUCE HALSTEAD KS 67056

Re: Water Right

File Nos. 4,537 D1; 4,537 D2; 4,894 and 29,958

Dear Mr. Boese:

We are enclosing copies of the applications referred to above, received in the office of the Chief Engineer November 27, 2017, which 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 recommendation concerning this application.

Please submit your recommendation within the allotted time, or any authorized extension of time thereof. 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,

Change Application Unit Supervisor

Water Appropriation Program

Turney, P.G.

BAT

Enclosures

pc: Stafford Field Office Raymond Flickner



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

Jackie McClaskey, Secretary

Governor Sam Brownback

December 7, 2017

STUCKY FAMILY LIMITED PTN 5885 CANYON RD SANGER TX 76266

RE: Water Right, File Nos. 4,537 D1; 4,537 D2; 4,894 and 29,958

Dear Sir or Madam:

This is to advise you that Raymond Flickner has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the authorized place of use under the above referenced file numbers.

The changes are proposing to increase the place of use from the currently authorized 426.39 acres to a proposed total of 483 acres. The changes in place of use further propose that all water rights be authorized to irrigate the same overall place of use.

Effective July 1, 2016, K.S.A. 82a-1906 enacted by the Legislature of the State of Kansas requires the Division of Water Resources to notify all water right owners with a point of diversion within half a mile of a water right pending a request to change the water right. In order to comply with the statute, you are being notified of the above referenced application for change.

If you have any questions, please contact me at (785) 564-6645. If you call, please reference the file number so we can help you more efficiently.

Sincerely

Brent A Turney, P.G.

Change Application Unit Supervisor

Water Appropriation Program

**RAK** 

pc: Stafford Field Office



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

Jackie McClaskey, Secretary

Governor Sam Brownback

December 7, 2017

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Sincerely,

Brent A Turney, P.G.

Change Application Unit Supervisor

Water Appropriation Program

**RAK** 

pc: Stafford Field Office



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

Jackie McClaskey, Secretary

Governor Sam Brownback

December 7, 2017

WAYNE M AND DANIELLE GOERING REV TRUST 16637 NORTH 30<sup>TH</sup> PHOENIX AZ 85053

RE: Water Right, File Nos. 4,537 D1; 4,537 D2; 4,894 and 29,958

Dear Sir or Madam:

This is to advise you that Raymond Flickner has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the authorized place of use under the above referenced file numbers.

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Sincerely

Brent A Turney, P.G.

Change Application Unit Supervisor

Water Appropriation Program

**RAK** 

pc: Stafford Field Office



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

Jackie McClaskey, Secretary

Governor Sam Brownback

December 7, 2017

CITY OF MOUNDRIDGE PO BOX 636 MOUNDRIDGE KS 67107

RE: Water Right, File Nos. 4,537 D1; 4,537 D2; 4,894 and 29,958

Dear Sir or Madam:

This is to advise you that Raymond Flickner has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the authorized place of use under the above referenced file numbers.

The changes are proposing to increase the place of use from the currently authorized 426.39 acres to a proposed total of 483 acres. The changes in place of use further propose that all water rights be authorized to irrigate the same overall place of use.

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If you have any questions, please contact me at (785) 564-6645. If you call, please reference the file number so we can help you more efficiently.

Sincerely

Brent A Turney, P.G.

Change Application Unit Supervisor

Water Appropriation Program

**RAK** 

pc: Stafford Field Office

GMD No. 2



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

Jackie McClaskey, Secretary

Governor Sam Brownback

December 7, 2017

EUGENE AND WANETA GOERING REV TRUST 183 19<sup>TH</sup> AVE MOUNDRIDGE KS 67107

RE: Water Right, File Nos. 4,537 D1; 4,537 D2; 4,894 and 29,958

Dear Mr. and Mrs. Goering:

This is to advise you that Raymond Flickner has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the authorized place of use under the above referenced file numbers.

The changes are proposing to increase the place of use from the currently authorized 426.39 acres to a proposed total of 483 acres. The changes in place of use further propose that all water rights be authorized to irrigate the same overall place of use.

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If you have any questions, please contact me at (785) 564-6645. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Brent A Turney, P.G.

Change Application Unit Supervisor

Water Appropriation Program

**RAK** 

pc: Stafford Field Office

GMD No. 2



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

Jackie McClaskey, Secretary

Governor Sam Brownback

December 7, 2017

ERIC HOEME 1308 S INDIAN RD LEOTI KS 67861

FILE COPY

RE: Water Right, File Nos. 4,537 D1; 4,537 D2; 4,894 and 29,958

Dear Mr. Hoeme:

This is to advise you that Raymond Flickner has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the authorized place of use under the above referenced file numbers.

The changes are proposing to increase the place of use from the currently authorized 426.39 acres to a proposed total of 483 acres. The changes in place of use further propose that all water rights be authorized to irrigate the same overall place of use.

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Sincerely.

Brent A Turney, P.G.

Change Application Unit Supervisor

Water Appropriation Program

RAK-

pc: Stafford Field Office

GMD No. 2

From: Turney, Brent [KDA]

Sent: Wednesday, December 6, 2017 7:54 AM

To: Lanterman, Jeff [KDA] < Jeff.Lanterman@ks.gov >; Fitch, Elizabeth [KDA] < Elizabeth.Fitch@ks.gov >

Subject: Flickner

Do either of you know where Flickner stands in the 5 year allocation on File Nos. 4,537 D1 and 29,958? If we are going to try to get all of the proposed files on the same 5 year period we should know what is remaining under these Files? Do you know if the GMD has been out this year?

Thanks, Brent

Brent A. Turney, P.G.
Kansas Department of Agriculture
Division of Water Resources
1320 Research Park Drive
Manhattan Kansas 66502
(785) 564-6645
Brent.Turney@ks.gov
www.agriculture.ks.gov

From: Dick, Patrick [KDA]

Sent: Monday, December 18, 2017 9:59 AM

To: Turney, Brent [KDA] <Brent.Turney@ks.gov>; Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov>; Fitch, Elizabeth [KDA]

<<u>Elizabeth.Fitch@ks.gov</u>> **Subject:** RE: Flickner

Attached is my memo of water meter readings.

#### **Patrick**

From: Turney, Brent [KDA]

**Sent:** Wednesday, December 06, 2017 10:07 AM **To:** Lanterman, Jeff [KDA]; Fitch, Elizabeth [KDA]

**Cc:** Dick, Patrick [KDA] **Subject:** RE: Flickner

Thanks Pat!

Brent A. Turney, P.G.
Kansas Department of Agriculture
Division of Water Resources
1320 Research Park Drive
Manhattan Kansas 66502
(785) 564-6645
Brent.Turney@ks.gov
www.agriculture.ks.gov

From: Lanterman, Jeff [KDA]

Sent: Wednesday, December 6, 2017 10:05 AM

To: Turney, Brent [KDA] <Brent.Turney@ks.gov>; Fitch, Elizabeth [KDA] <Elizabeth.Fitch@ks.gov>

Cc: Dick, Patrick [KDA] < Patrick. Dick@ks.gov>

Subject: RE: Flickner

Pat is going to go by and get a reading on these probably next week or so to determine where we are for 2017 and in the allocation.

leff

From: Lanterman, Jeff [KDA]

Sent: Wednesday, December 6, 2017 8:54 AM

To: Turney, Brent <Brent.Turney@ks.gov>; Fitch, Elizabeth <Elizabeth.Fitch@ks.gov>

Subject: RE: Flickner

These are files that the GMD stopped monitoring because their policy went away. Trying to reinforce monitoring with the new changes and Kenny is putting together a MOU on it.

We would have to look and see where they are in this 5 year period on our own.

#### Turney, Brent [KDA]

From:

Fitch, Elizabeth [KDA]

Sent:

Tuesday, December 19, 2017 7:46 AM

To:

Turney, Brent [KDA]; Lanterman, Jeff [KDA]; Dick, Patrick [KDA]

Subject:

RE: Flickner

2017 is the first year of the new allocation under File No. 4894, so we did not go by that well.

#### Elizabeth

From: Turney, Brent [KDA]

Sent: Monday, December 18, 2017 5:15 PM

To: Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov/>; Fitch, Elizabeth [KDA] <Elizabeth.Fitch@ks.gov/>; Dick, Patrick [KDA]

<Patrick.Dick@ks.gov>
Subject: RE: Flickner

What about the 5 year allocation under 4,894?

# Brent A. Turney, P.G. Kansas Department of Agriculture Division of Water Resources 1320 Research Park Drive Manhattan Kansas 66502 (785) 564-6645 Brent.Turney@ks.gov www.agriculture.ks.gov

From: Lanterman, Jeff [KDA]

Sent: Monday, December 18, 2017 1:56 PM

To: Fitch, Elizabeth [KDA] <Elizabeth.Fitch@ks.gov>; Dick, Patrick [KDA] <Patrick.Dick@ks.gov>; Turney, Brent [KDA]

<Brent.Turney@ks.gov>
Subject: RE: Flickner

Looks good on his 5 year allocation. Tons of water left over.

From: Fitch, Elizabeth [KDA]

Sent: Monday, December 18, 2017 11:10 AM

To: Dick, Patrick [KDA] < Patrick.Dick@ks.gov >; Turney, Brent [KDA] < Brent.Turney@ks.gov >; Lanterman, Jeff [KDA]

<<u>Jeff.Lanterman@ks.gov</u>>
Subject: RE: Flickner

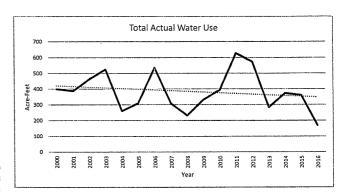
Here is the updated water use history for this allocation set. The metering/reporting is what I would call a bit on the subjective side. They should definitely be required to add a meter for the IND portion of File No. 29958. Let me know if you have any questions.

#### Elizabeth

Actual Water Use by Year

Actual Field Soc of Teal												
Year/WR#	4537-D2	4537-D1	29958(IRB)	29958(IND)	4894	32552	40699	47591	Notes:			
2000	33.000	76.979	86.012	36.000	71.860	73.214	55.335		SDI			
2001	25.000	57.287	52.574	33.000	81.214	90.192	73.600					
2002	16.307	86.417	81.085 ~	33.365	93.433	102.880	65.758					
2003	24.551	145.575	98.484	30.689	101.676	110.927	38.576					
2004	24.551	36.459	51.484	30.689	46.504	70.390	24.582		l			
2005	25.000	52.150	1 51.394	30.689	70.235	83.180	22.097					
2006	30.689	101.157	95.572	54.626	106.580	139.941	37.951"					
2007	39.896	63.367	22.667	59.843	54.010	88.266	19.901					
2008	× 0.000	40.196	60:826 ***	15.038	49.572	52.061	13.760					
2009	22.703	57.330	85.037	11.048	70.443	79.597	27.741					
2010	30.935	78.018	92.937	11.662	83.303	94.196	33.408		ì			
2011	44.413	120.449	130.398	18.106	129.612	156.188	40.704	31.580	*New WR			
2012	33.849	75.471	116:515	33.600	77.007	117:153	50.029	104.090	1			
2013	17.175	28.174	55.675	33.144	54.402	52.372	18.935	40.669	1			
2014	21.106	51.040	64.561	33.604	87.958	72.198	26.723	37.256	]			
2015	26.321	52.394	67.085	33.531	78.510	70.906	26.085	32.718	1			
2016	11.811	30.435	21.388	34.100	16.390	32.662	12.741	20.735	1			
GMD Monit	NA	2015-201	9 (1006 AF)	NA	2013-2017 (529.5 AF)	2015-201	9 (810 AF)	NA	1			
Monit Use	NA	171	1.302	NA	237.260	142.394		NA	]			
Rem. Alloc.	NA	834	1.698	NA	292,240	667.606		NA	]			
% Used	NA	17	7.0%	NA	44.8%	17	.6%	NA	1			

Year	Total Use
2000	399.400
2001	387.867
2002	462.939
2003	525.926
2004	260.107
2005	309.745
2006	535.826
2007	308.054
2008	231.454
2009	331.195
2010	393.524
2011	627.038
2012	573.864
2013	283.371
2014	373.340
2015	361.228
2016	168.451

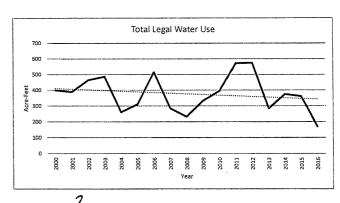


	$\overline{}$			
Lega	lWater	Use	bv	Year
			~,	

Year/WR#	4537-D2	4537-D1	29958(IRR)	29958(IND)	4894	32552	40699	47591	Notes:			
2000	33.000	76.979	86.012	35.000	71.860	73.214	55.335		SDI			
2001	25.000	57.287	52.574	33.000	81.214	90.192	73.600					
2002	16.307	86.417	81.085	33.365	93.433	102.880	65.758		Ì			
2003	24.551	105.000	98:484	30.689	101.676	110.927	38.576					
2004	24.551	36.459	51.484	30.689	46.504	70.390	24.582					
2005	25:000	52.150	51.394	30.689	70.235	83.180	22.097					
2006	30.689	101.157	95.572"	35.000	106.580	138.000	37.951					
2007	39.896	63.367	22.667	35.000	54.010	88.266	19.901					
2008	0.000	40.196	60.826	15.038	49.572	52.061	13.760					
2009	22.703	57:330	85.037	11.048	70.443	79.597	27.741		1			
2010	30.935	78.018	92.937	11.662	83.303	94.196	33.408		1			
2011	44.413	105.000	130.398	18.106	107.000	138.000	40.704	31.580	*New WR			
2012	33.849	75.471	116:515,	33.600	77.007	117.153	<b>50.029</b> ···	104.000	1			
2013	17.175	28.174	55.675	33.144	54.402	52.372	18.935	40.669	1,			
2014	21.106	51:040	64.561	33.604	87.958	72.198	26.723	37.256	1 /1			
2015	26.321	52.394	67.085	33.531	78.510	70.906	26.085	32.718	1 ごい			
2016	11.811	30.435	21.388	34.100	16.390	32.662	12.741	20.735	1 \ ~			
GMD Monit	NA	2015-2019 (1006 AF)		NA	2013-2017 (529.5 AF)	.5 AF) 2015-2019 (810 AF)		NA	\ p			
Monit Use	NA	171.302		NA	237.260	142.394		NA	1 \ <b>'</b> .			
Rem. Alloc.	NA	834.698		NA	292.240	667.606		NA	1 \ "			
% Used	NA	17	.0%	NA	44.8%	17.6%		NA	1			

2000 398.400 2001 387.867 2002 462.939 2003 485.351 2004 260.107 2005 309.745 2006 514.259 2007 283.211 2008 231.454 2009 331.195 2010 393.524 2011 570.789 2012 573.774 2013 283.371 2014 373.340 2015 361.228 2016 168.451

Year Total Use



400 15. 411 3

## Ray Flickner Water Rights

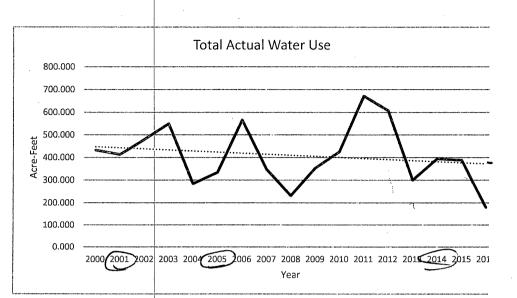
File No.	5 Year Allocation (Y/N)	Source of Allocation	Current 5 Year Allocation Range	Allocation Quantity (AF)	P/U Overlaps
4537-D1	Υ	5/9/00 Approval to Change the Place of	2015-2019	1,006	29958
29958 IRR	Y	Use	2013-2019	,1,000	4537-D1
29958 IND	N	N/A	N/A	N/A	none
4537-D2	N	N/A	N/A	N/A	none
4894	Y	8/16/01 Approval to Change the Place of Use	2013-2017	529.5	none
47591	N	N/A	N/A	N/A	none
32552	Y	11/22/05 Approval to Change the Place of	2015-2019	810	40699
40699 Y		Use	2013-2019	.,	32552

10/18/17 JKL & EKF/SFFO

**Actual Water Use by Year** 

Actual Vales Ose by Sea.													
Year/WR#	4537-D1	4537-D2	4894	29958(IRR)	29958(IND)	40699	40699	47591	Notes:				
2000	76.979	33.000	71.860	86.012	36.000	73.214	55.335						
2001	57.287	25.000	81.214	52.574	33.000	90.192	73.600		<u> </u>				
2002	86.417	16.307	93.433	81.085	33.365	102.880	65.758		1				
2003	145.575	24.551	101.676	98.484	30.689	110.927	38.576		j				
2004	36.459	24.551	46.504	51.484	30.689	70.390	24.582		]				
2005	52.150	25.000	70.235	51.394	30.689	83.180	22.097		j				
2006	101.157	30.689	106.580	95.572	54.626	139.941	37.951						
2007	63.367	39.896	54.010	22.667	59.843	88.266	19.901						
2008	40.196	0.000	49.572	60.826	15.038	52.061	13.760						
2009	57.330	22.703	70.443	85.037	11.048	79.597	27.741						
2010	78.018	30.935	83.303	92.937	11.662	94.196	33.408		]				
2011	120.449	44.413	129.612	130.398	18.106	156.188	40.704		*New W				
2012	75.471	33.849	77.007	116.515	33.600	117.153	50.029	104.090	1 ' / 1				
2013	28.174	17.175	54.402	55.675	33.144	52.372	18.935	40.669	1 2				
2014	51.040	21.106	87.958	64.561	33.604	72.198	26.723	37.256	ļ				
2015	52.394	26.321	78.510	67.085	33.531	70.906	26.085	32.718	1				
2016	30.435	11.811	16.390	21.388	34.100	32.662	12.741	20.735					





Which Allocation of 5-5-11 OR WA?

GMO OR DWR

monitor?

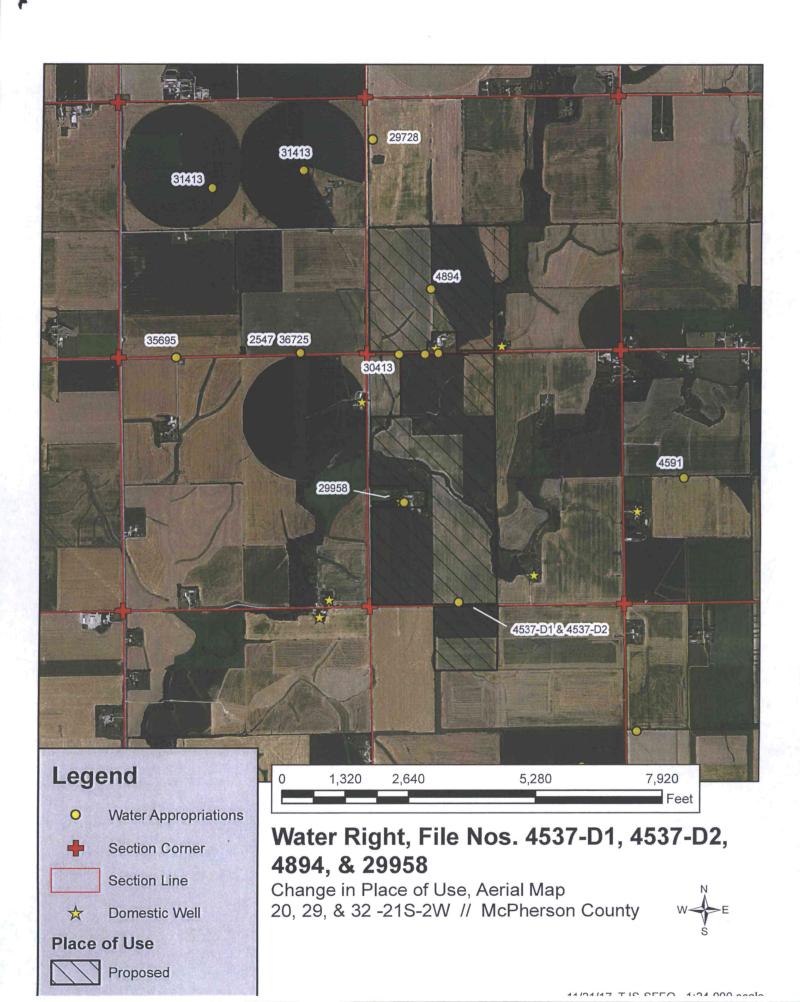
CURREAL 2345A-F

46

400 x5= 2,000 A-F 411 XS = Z, OSTAF

4894 these will be over PUMPED? 32552 USE-ZOIL MAY BE A CAP of QUANTITY Number

ZNEW PERMITS



12/6/2017 TJS-SFFO

Mendions

P/U - File No. 47591

