Kansas Department of Agriculture Division of Water Resources PERMIT OF NEW APPLICATION WORKSHEET

1. File Number: 50,158	2. Status Change Date	: 3. Field Office:	4. GMD:
5. Status: ⊠ Approved □ Denied by		Dismiss by Request/Failure	
_ ''			
6. Enclosures:	n ☐ Water Tube	☐ Driller Copy	⊠ Meter
7a. Applicant(s) Person ID 6 New to system ☐ Add Seq#	1 / C. Lando	wner(s) system	Person IDAdd Seq#
2 I FEEDERS LLC 884 RD 350 ALLEN KS 66833			
7b. Landowner(s) Person ID _ New to system ☐ Add Seq# _	7d. Misc. New to	system 🗌	Person IDAdd Seq#
7a.			
8. WUR Correspondent Person ID Add Seq# Overlap File (s) WUC Notarized WUC File Agree Yes No	9. Use of V	☐ Groundwater	Yes ⊠ No Surface Water DEW ☐ MUN
7a.	STK ☐ HYD DF	_	DOM CON ART RECHRG ER:
10. Completion Date: 12/31/2020 11. Pe	erfection Date: <u>12/31</u>	/2024 12. Ехр D	ate:
13. Conservation Plan Required? ☐ Yes ☒ No Date Ro 14. Water Level Measuring Device? ☐ Yes ☒ No D			
14. VValet Level Ivicasulting Device: 165 2 NO D	ato to Compiy.	Date WEIND His	
THIS IS A STORAGE AND REDIVERSION FILE		Date Prepared: 2/12/	-

File No	50,15	58		15	. Formatio	n Coc	de: 55	50		Draina	age Bas	n: NEC	SH	O RIVE	R (County	: LY		Sp	ecial L	lse:		Stream:	Allen	Crk Tribl (Neosho)
16. Po T	ints of Div	ersior	1													17. R	ate ar	nd Qua	ntity N	/IOD AI	DDL QTY	•			
MOD	DDIV	,															Α	uthoriz	ed			Addition	al		•
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20. Met	er Require	ed? [☑ Yes	s □ No	·	То	be ins	stalled by	/		12/3	31/202	20			ate A	cepta	ble Me	eter Inst	alled _					
21. Pla	ce of Use						NI	E1⁄4			NW1/4			sv	V ¹/₄			s	E1⁄4		Total	Owner	Chg?	NO	Overlap Files
MOD DEL						NE 1/4	NW	sw 1/4	SE 1/4	NE ¼	NW S	w SE	NE	■ NW	sw	SE 1/4	NE 1/4	NW	sw	SE					
	PUSE	S	<u>T</u>	R	ID	1/4	1/4	1/4	1/4	1/4	1/4	4 1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4					
√ .	53084	8	16	11E	1	FEI	EDLO	OT (SE	:)													7a.	No	•	see below
1	53085	9	16	11E	1	FEI	EDLO	OT (SV	V)													7a.	No	•	see below
MOD	60148	16	16	11E	1	FEI	EDLO	OT (N2	N2))												7a.	No		see below
1	60297	17	16	11E	1	FEI	EDLO	OT (N2	NE))				-								7a.	No	,	see below
Comme	ents: File	e No	s. 44	I,071; 4	47,208; 4	49,69	97; 5	0,157;	and	l 50,1	158 ove	erlap i	n S	TK pla	ce of	Use								(
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KANSAS DEPARTMENT OF AGRICULTURE Division of Water Resources <u>M E M O R A N D U M</u>

TO: Files DATE: February 12, 2019

FROM: Doug Schemm RE: Applications, File Nos. 50,157 and 50,158

2 I Feeders LLC has filed the above referenced applications proposing to appropriate additional water for stockwatering use. File No. 50,157 is requesting 20 million gallons (61.38 acre-feet) of groundwater per calendar year at a diversion rate not to exceed 80 gallons per minute. File No. 50,158 is requesting 32.585 million gallons (100 acre-feet) of storage and the rediversion of 32.585 million gallons (100 acre-feet) of surface water from an existing reservoir. The feedlot is located in Sections 8, 9, 16 and 17, all in Township 16 South, Range 11 East, in Lyon County, within the Neosho River Drainage Basin. The applicant is the owner of the place of use, and a representative has signed the applications stating they have access to the points of diversion. Note that both overlapping Water Right, File Nos. 44,071 and 47,208 exceeded their authorized quantity of water in 2017. These new applications will ensure the owner has adequate water authorized for future years. Note that File Nos. 44,071; 47,208; and 49,697 will all overlap in Place of Use after approval of pending change applications.

APPLICATION, FILE NO. 50,157

File No. 50,157 will overlap in point of diversion with File No. 47,208, which authorizes 4 wells, per K.A.R. 5-3-4, wherein a single application can include "Not more than four wells within a circle with a quarter-mile radius in the same local source of supply that do not exceed a maximum diversion rate of 20 gallons per minute per well." Therefore, this pending application must have a rate of diversion limitation of 80 gallons per minute and not to exceed 20 gallons per minute per well, with the senior file. File No. 47,208 is authorized 62 gpm, so this new application will provide for 18 gpm additional rate.

The applicant did not identify any other wells within one-half (½) mile of the proposed point of diversion, other than his own stockwatering and domestic wells. Therefore, no notification letters are required. The application complies with minimum well spacing criteria of 1,320 feet to all other existing non-domestic wells and 660 to any domestic wells. There are no other permitted wells within a 2-mile radius circle.

A review of the applicant's well logs shows alternating shales and limestones, with water encountered in the limestone layers at depths of 40 feet to 50 feet, with static water levels from 25 feet to 35 feet. Based on the senior file, and well logs, it appears the source of water is the Permian system (more specifically the Council Grove group). Total depths of the wells range from 80 to 100 feet. With water encountered at depths below where static water levels, this indicates that the bedrock aquifer is under confined conditions. Again, this is also typical for wells in this area where the limestone strata are believed to be the water source for the wells. Since the aquifer is likely confined, K.A.R. 5-3-14 describes the methodology to determine safe yield, as follows:

- (a) Each application to appropriate water from a confined aquifer shall be processed on a case by case basis so that the safe yield of the source of water supply is not exceeded.
- (b) Until a specific regulation is adopted by the chief engineer for the confined source of water supply, the analysis shall be made using the best information reasonably available to the chief engineer.

No specific regulation has been adopted by the chief engineer for the Permian bedrock aquifer; therefore the best information available should be utilized. The potential annual recharge established for this area for unconfined aquifers (5.2 inches) would provide a maximum quantity of recharge possible. Although it is likely that the confined bedrock aquifer system would receive somewhat less recharge then a near-surface, unconfined aquifer, this safe yield value for unconfined aquifers per K.A.R. 5-3-11 provides a maximum quantity of water available in the area of consideration.

2 I Feeders LLC File Nos. 50,157 and 50,158 Page 2

If there is a significant quantity of water still remaining, then even with significant reduced recharge to the confined aquifer (in this case it would require only 4% of the maximum recharge value or 0.2 inches of recharge) there would still be sufficient water available. Therefore, based on the above discussion, it appears that this application can be approved per K.A.R. 5-3-14, using the best information reasonably available to the chief engineer. Also in keeping with the senior file, safe yield was evaluated using the extent of the bedrock aquifer, which is also consistent with other applications completed in this area of the state. Using the extent of the bedrock aquifer as the area of consideration provides a total of 8,042 acres. Based on a potential recharge of 5.2 inches, with 75% available for appropriation, safe yield was determined to be 2,613.8 acre-feet. With only 11.32 acre-feet previously appropriated in this area, there is sufficient quantity of water available for appropriation, and this application meets safe yield criteria.

APPLICATION, FILE NO. 50,158

File No. 50.158 will overlap in point of diversion with File No. 44.071, which authorizes one dam and reservoir. Documentation in the senior file shows that the capacity of the reservoir is 32 acre-feet, and the drainage area will provide for 203 acre-feet of runoff in 1 out of every five (5) years (a 20% chance). The dam is already permitted under the structures program under File No. DLY-151. The senior file storage quantity was based on 1 year of direct use (84 AF) + capacity (32 AF) + 1 year of evaporation (8.2 AF) for a total of 124 acre-feet. File No. 44,071 is certified with 75 acre-feet of storage, and 11,498 million gallons of direct use. The pending application is requesting 100 acre-feet of storage for a combined total of 175 acre-feet of storage, which is less than the basin runoff potential. The storage and rediversion quantity requested under the pending application (100 acre-feet) is to supply additional water from this reservoir and is significantly less than one year of direct use of 345 acre-feet (112.42 million gallons). Upstream and downstream landowners were notified of both the new application and change application for File No. 44.071. No responses of any kind were received. As noted, this is an existing reservoir that has been in place for many years, and the applicant owns all of the property for over a mile below the dam. The applicant also owns the property upstream for one-half mile, and the stream only extends into the upstream property for a few hundred feet. There will be no impairment of senior water rights with approval of this application.

Finally, File No. 49,697 also overlaps in place of use. It is authorized to divert 96.452 million gallons from a proposed reservoir, which is owned by Allen Creek Watershed District No. 89.

File No. 44,071 is authorized 11.498 million gallons (direct use), File No. 47,208 is authorized 3.692 million gallons (limited to 13.295 million gallons with senior file), and File No. 49,697 is authorized 96.452 million gallons (limited to 96.452 million gallons direct use with the senior files). The applicant has provided information with the new application, to justify the requested quantity of water, as follows: 17,600 head of cattle x 15.0 gallons per head per day x 365 days = 96.4 million gallons. However, similar stockwatering facilities typically request additional water for cooling and sanitation, as follows:

Drinking water

Cooling = 80 gpm x 60 min/hr x 10 hrs/day x 240 Days/year = Sanitation, pen cleaning, etc. = Other (Misc.)

96.4 million gallons = 11.52 million gallons = 3.5 million gallons

= 1.0 million gallons

Total = 112.42 million gallons

These pending applications will be limited to 112.42 million gallons when combined with the senior files, with File No. 50,157 providing 15.968 million gallons additional water (112.42 mgy – 96.452 mgy). File No. 50,158 will not provide any additional water when combined with the senior files, however, these new applications will provide greater flexibility in management of water for stockwatering use.

2 I Feeders LLC File Nos. 50,157 and 50,158 Page 3

The applicant has submitted a signed and notarized Minimum Desirable Streamflow (MDS) statement for each application. By completing these statements, the applicant affirms his knowledge that there could be times when the diversion of water may not be allowed under these permits.

In accordance with K.S.A. 82a-706c, the Chief Engineer retains full authority to require any water user to install meters, gages, or other measuring devices, which devices he or she or his or her agents may read at any time. Water flowmeter requirements are further described in K.A.R. 5-1-4 through K.A.R 5-1-12. The applications indicate that no chemicals will be injected into the water pumped under these permits, therefore check valves will not be required. A diversion rate of less than 100 gallons per minute has been proposed, so a water level measurement tube is not required by regulation for File No. 50,157.

In a February 11, 2019 discussion, Katie Tietsort, Water Commissioner, Topeka Field Office, recommended approval of the referenced applications. Based on the above discussion, well spacing and safe yield criteria are met for File No. 50,157, approval gives the applicant adequate water for this facility, and approval of the applications will not impair senior water rights nor prejudicially or unreasonably affect the public interest, it is recommended that the referenced applications be approved.

Douglas W. Schemm Environmental Scientist Topeka Field Office 1320 Research Park Drive Manhattan, KS 66502 785-564-6700 www. agriculture.ks.gov



900 SW Jackson, Room 456 Topeka, KS 66612 785-296-3556

Mike Beam, Secretary

Laura Kelly, Governor

April 19, 2019

2 I FEEDERS LLC 884 RD 350 ALLEN KS 66833

Re: Appropriation of Water, File Nos. 50,157 and 50,158

FILE COPY

Dear Sir or Madam:

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

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

Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of these permits. Enclosed are forms which may be used to notify the Chief Engineer that the proposed diversion works have been completed. All requests for extensions of time to complete diversion works, or to perfect appropriations, must be submitted to the Chief Engineer before the expiration of time originally set forth in these permits to complete diversion works or to perfect an appropriation. If for any reason, you require an extension of time, you must request it before the expiration of time set forth in these permits. Failure to comply with this regulation will result in the dismissal of your permits or your water rights. Any request for an extension of time shall be accompanied by the required statutory fee, which is currently \$100.00 per file number. There is also enclosed an information sheet setting forth the procedure to obtain a Certificate of Appropriation which will establish the extent of your water rights.

Sincerely,

Kristen A. Baum

New Application Unit Supervisor

Water Appropriation Program

KAB:dws

Enclosures

pc: Topeka Field Office

KANSAS DEPARTMENT OF AGRICULTURE

Mike Beam, Secretary of Agriculture

DIVISION OF WATER RESOURCESDavid W. Barfield, Chief Engineer

APPROVAL OF APPLICATION and PERMIT TO PROCEED

(This is not a Certificate of Appropriation)

This is to certify that I have examined Application, File No. 50,158 of the applicant

2 | FEEDERS LLC 884 RD 350 ALLEN KS 66833

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

- 1. That the priority date assigned to such application is **November 8, 2018.**
- 2. That the water sought to be appropriated shall be used for stockwatering use at a cattle feedlot located in the Southeast Quarter (SE¼) of Section 8, the Southwest Quarter (SW¼) of Section 9, the North Half of the North Half (N½ N½) of Section 16, and the North Half of the Northeast Quarter (N½ NE¼) of Section 17, all in Township 16 South, Range 11 East, Lyon County, Kansas.
- 3. That the appropriation sought shall be limited to all natural flows of an unnamed tributary to Allen Creek, designated in the office of the Chief Engineer as Allen Creek Trib 1 (Neosho), not needed to satisfy all vested rights and prior appropriation rights to be incrementally accumulated as reservoir storage space becomes available to a maximum extent of **100 acre-feet** per calendar year in one (1) reservoir created by a dam located in the Southeast Quarter of the Southwest Quarter of the Northwest Quarter (SE½ SW½ NW½) of Section 9, more particularly described as being near a point 2,834 feet North and 4,480 feet West of the Southeast corner of said section, in Township 16 South, Range 11 East, Lyon County, Kansas, to provide **32.585 million gallons** (100 acre-feet) of water as needed for direct stockwatering use to be withdrawn, released or otherwise diverted from the reservoir at a re-diversion rate of approximately **800 gallons per minute** (1.78 c.f.s.). A reasonable maximum re-diversion rate will be established during the perfection period and assigned at certification.
- 4.—That-installation of works for diversion of water shall be completed on or before <u>December 31</u>, <u>2020</u> or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee, which is currently \$400.00, when construction of the works has been completed. Failure to timely submit the notice and the fee will result in revocation of the permit. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee, which is currently \$100.00.

File No. 50,158 Page 2 of 4

5. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before <u>December 31, 2024</u> or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee, which is currently \$100.00.

- 6. That the applicant shall not be deemed to have acquired a water appropriation for a quantity in excess of the amount approved herein nor in excess of the amount found by the Chief Engineer to have been actually used for the approved purpose during one calendar year subsequent to approval of the application and within the time specified for perfection or any authorized extension thereof.
- 7. That the use of water herein authorized shall not be made so as to impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.
- 8. That the right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the streamflow at the appropriator's point of diversion.
- 9. That this permit does not constitute authority under K.S.A. 82a-301 through 305a to construct any dam or other obstruction; nor does it grant any right-of-way, or authorize entry upon or injury to, public or private property.
- 10. That all re-diversion works constructed under the authority of this permit into which any type of chemical or other foreign substance will be injected into the water pumped from the re-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.
- 11. That an acceptable water flow meter shall be installed and maintained on the re-diversion works authorized by this permit in accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. This water flow meter shall be used to provide an accurate quantity of water diverted as required for the annual water use report (including the meter reading at the beginning and end of the report year).
- 12. That the applicant shall maintain accurate and complete records from which the quantity of water diverted during each calendar year may be readily determined and the applicant shall file an annual water use report with the Chief Engineer by March 1 following the end of each calendar year. Failure to file the annual water use report by the due date shall cause the applicant to be subject to a civil penalty.
- 13. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.
- 14. That failure without cause to comply with provisions of the permit and its terms, conditions and limitations will result in the forfeiture of the priority date, revocation of the permit and dismissal of the application.
- 15. That the right to appropriate water under authority of this permit is subject to any minimum desirable streamflow requirements identified and established pursuant to K.S.A. 82a-703c for the source of supply to which this water right applies.
- 16. That the quantity of water approved under this permit is further limited to the quantity which combined with Water Right, File Nos. 44,071 and 47,208, and Appropriation of Water, File Nos. 49,697 and 50,157, will provide a **total not to exceed 112.42 million gallons** of water per calendar year for stockwatering use as described herein.

CERTIFICATE OF SERVICE

On this 19th day of April , 2019, I hereby certify that the foregoing Approval of Application, File No. 50,158, dated April 11th, 2019 was mailed postage prepaid, first class, US mail to the following:

2 I FEEDERS LLC 884 RD 350 ALLEN KS 66833

With photocopies to:

Topeka Field Office

Division of Water Resources

RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW

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

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

Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary. To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (i.e., within a total of 18 days after this Order was mailed to you), with: Kansas Department of Agriculture, Attn: Legal Section, 1320 Research Park Drive, Manhattan, Kansas 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, Kansas 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.

Ordered this	114	day of	April
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, 2019, in Manhattan, Riley County, Kansas.

Lane P. Letourneau, P.G.
Program Manager
Water Appropriation Program
Division of Water Resources
Kansas Department of Agriculture

State of Kansas)
County of Riley) SS)

The foregoing instrument was acknowledged before me this day of , 2019, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



Notary Public



KANSAS DEPARTMENT OF AGRICULTURE

Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES

David W. Barfield, Chief Engineer

WATER RESOURCES RECEIVED

File Number OOO O
This item to be completed by the Division of Water Resources.

NOV 0 8 2018

APPLICATION COMPLETE

4 / 8 / 19

Reviewer KAB

For Office Use Only:

APPLICATION FOR PERMIT TO //: 5 (APPROPRIATE WATER FOR BENEFICIAL USEKS DEPT OF AGRICULTURE

Filing Fee Must Accompany the Application (Please refer to Fee Schedule attached to this application form.)

To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, KS 66502:

1.	Name of Applicant (Places P	rint): 21EEEDERS II.C		
1.	Address: 884 RD 350			
			State KS	Zip Code: 66833
	Telephone Number: (785)			
2.	The source of water is:	⊠ surface water in Al	LLEN CREEK TRIB 1(stream	1)
	OR	☐ groundwater in NEC	OSHO RIVER(drainage b	pasin)
	when water is released from these regulations on the da	have minimum target fl n storage for use by wate te we receive your appli	lows established by law or ma er assurance district members. cation, you will be sent the app REDIVERT 100 AF @ 800 GPI	y be subject to administration If your application is subject to propriate form to complete and
3.	The maximum quantity of v	vater desired is 100 (Sto	orage) acre-feet OR 32.585 m	illion gallons per calendar year,
	to be diverted at a maximum	m rate of <u>NF</u> gallons p	per minute OR	cubic feet per second.
	requested quantity of water maximum rate of diversion	under that priority numb and maximum quantity	y, the requested maximum ra er can <u>NOT</u> be increased. Ple of water are appropriate and later Resources' requirements	ase be certain your requested reasonable for your proposed
4.	The water is intended to be	appropriated for (Check	use intended):	
	(a) ☐ Artificial Recharge	(b) ☐ Irrigation	(c) ☐ Recreational	(d) ☐ Water Power
	(e) Industrial	(f) Municipal	(g) ⊠ Stockwatering	(h) ☐ Sediment Control
	(i) Domestic	(j) ☐ Dewatering	(k) Hydraulic Dredging	(I) ☐ Fire Protection
	(m) Thermal Exchange	(n) Contamination	Remediation	SCANNET
	YOU <u>MUST</u> COMPLETE AND A' SUBSTANTIATE YOUR REQUES	TTACH ADDITIONAL DIVISION TOT THE AMOUNT OF WA	ON OF WATER RESOURCES FORM ATER FOR THE INTENDED USE REF	

Meets K.A.R. 5-3-1 (YES / NO) Use STIC Source G (S County

	NOTE	acre tract, unless you specifically request a 60 day period of time in which to locate the site within a specifically described, minimal legal quarter section of land.
	(A)	One in the $\underline{\sf SE}$ of the $\underline{\sf SW}$ quarter of the $\underline{\sf NW}$ quarter of Section 9, more particularly described as
		being near a point
		Township 16 South, Range 11 EAST, LYON County, Kansas. (PDIV: 64474)
	(B)	One in the quarter of the quarter of the quarter of Section, more particularly
		described as being near a point feet North and feet West of the Southeast corner of said
		section, in Township South, Range East/West (circle one), County, Kansas.
	(C)	One in the quarter of the quarter of the quarter of Section, more particularly
		described as being near a point feet North and feet West of the Southeast corner of said
		section, in Township South, Range East/West (circle one), County, Kansas.
	(D)	One in the quarter of the quarter of the, more particularly
		described as being near a point feet North and feet West of the Southeast corner of said
		section, in Township South, Range East/West (circle one), County, Kansas.
	A ba four not t	s, except that a single application may include up to four wells within a circle with a quarter (¼) mile radius in same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well attery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than wells in the same local source of supply within a 300 foot radius circle which are being operated by pumps to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a common ibution system.
3.		owner of the point of diversion, if other than the applicant is (please print):
	<u>APP</u>	(name, address and telephone number)
	You land	must provide evidence of legal access to, or control of, the point of diversion from the landowner or the owner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document this application. In lieu thereof, you may sign the following sworn statement:
		I have legal access to, or control of, the point of diversion described in this application from the landowner or the landowner's authorized representative. I declare under penalty of perjury that the foregoing is true and correct.
		Executed on //- 8 , 2018 . Applicant's Signature
7.	The	proposed project for diversion of water will consist ofONE DAM AND RESERVOIR
	and	(was)(will be) completed (by) EXISTING(Month/Day/Year - each was or will be completed)
3.	The	first actual application of water for the proposed beneficial use was or is estimated to be Fall 2018 (Mo/Day/Year)

The location of the proposed wells, pump sites or other works for diversion of water is:

5.

File No.	5658	3
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9.	Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?
	☐ Yes ☒ No If "yes", a check valve shall be required.
	All chemigation safety requirements must be met including a chemigation permit and reporting requirements.
10.	If you are planning to impound water, please contact the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.
	Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources? ⊠ Yes □ No
	If yes, show the Water Structures permit number here <u>DLY-0151</u>
	If no, explain here why a Water Structures permit is not required
	Already permitted by Structures.
11.	The application <u>must</u> be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:
	(a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.
•	(b) If the application is for groundwater, please show the location of any existing water wells of any kind within ½ mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within ½ mile, please advise us.
	(c) If the application is for surface water, the names and addresses of the landowner(s) ½ mile downstream and ½ mile upstream from your property lines must be shown.
	(d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
	(e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.
	A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.
12.	List any application, appropriation of water, water right, or vested right file number that covers the same diversion points or any of the same place of use described in this application. Also list any other recent modifications made to existing permits or water rights in conjunction with the filing of this application.
	Water Right File No. 44,071 overlaps in Place of Use and Point of Diversion. File Nos. 47,208 and 49,697
	overlap in Place of Use. This application is more water from existing reservoir. Runoff from basin is 203 acre-
	feet, therefore, not limiting factor.
	RECEIVED

NOV 08 2018

	has not been completed, give information obt	tained ironi	test floies, ii ave	aliable.	
	Information below is from: Test holes	☐ Well a	as completed	☐ Drillers log	attached
	Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
	Date Drilled	-	_		
	Total depth of well				·
	Depth to water bearing formation				v.
	Depth to static water level				
	Depth to bottom of pump intake pipe				
14.	The relationship of the applicant to the p	proposed p	lace where the	water will be	used is that o
	Owner (owner, tenant, agent or otherwise)				
15.	The owner(s) of the property where the water	r is used, if	other than the a	pplicant, is (pleas	se print):
					•
	(name. addr	ess and tele	ephone number)		
	(•		
	(name, addre	ess and tele	ephone number)	,	,
< 16.	The undersigned states that the information s this application is submitted in good faith.	set forth abo	ve is true to the	oest of his/her kn	owledge and tha
	Dated at u(06/2018, Kansas	, this	day of		,2018
				(month)	(year)
	DEWOR CO BERGEY, REPRES	SEN TATE	E		
	(Applicant Signature)	· ·		S) SOCIAL SECURIT ATION NUMBER(S)	Y
					175
<u>B</u> y					·
<u>B</u> y	(Agent or Officer Signature)		APPLICANT(S)	and/or TAXPAYER I.D. NO.	(S)
<u>By</u>			APPLICANT(S)		(S)
<u>By</u>	(Agent or Officer Signature)		APPLICANT(S)		(S)

File No. __

STOCKWATER USE SUPPLEMENTAL SHEET

File No. 50, 158

	·
1.	Please indicate type of livestock (cattle, hogs, etc.): Cattle

2. Please complete the following table showing past and present water requirements:

Name of Applicant (Please Print): 2 I FEEDERS LLC

PAST NUMBER OF HEAD AND WATER DIVERTED, IF APPLICABLE

LAST 5 YEARS	NUMBER OF HEAD	WATER DIVERTED (GALLONS)	GALLONS PER HEAD PER DAY
5 years ago			
Last year			
Present Year			

3. Please complete the following table showing estimated future water requirements:

ESTIMATED FUTURE NUMBER OF HEAD AND WATER DIVERTED

NEXT 5 YEARS	NUMBER OF HEAD	WATER TO BE DIVERTED (GALLONS)	GALLONS PER HEAD PER DAY
Year 1	17,600	112.42 million gallons	15 gphd + other uses
Year 2	17,600	112.42 million gallons	15 gphd + other uses
Year 3	17,600	112.42 million gallons	15 gphd + other uses
Year 4	17,600	112.42 million gallons	15 gphd + other uses
Year 5	17,600	112.42 million gallons	15 gphd + other uses

Please attach any additional information, tables, or curves showing past, present and estimated future water requirements to substantiate the amount of water requested.

4. Please designate the legal description of the location where the water is to be used. Show in the space provided below the Section (S), Township (T), and Range (R), and the number of acres in each forty acre tract or fractional portion thereof.

s	Т	R	NE¼ NW					V1/4	4 SW1/4					SE¼				TOTAL
			NE	NW	sw	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	sw	SE
8	16	11E	Feed	Feedlot (SE)														
9	16	11E	Feed	Feedlot (SW)														
16	16	11E	Feed	Feedlot (N1/2 N1/2)														
17	16	11E	Feedlot (N1/2 NE)															

5.	Show quantities of water used and all associated water uses at the feedlot such as water used in feed	mills,
	cooling of animals, washing, flushing of wastes, etc.:	
	<u>DRINKING</u>	
	<u>17600</u> head of <u>CATTLE</u> x <u>15</u> gallons/head (avg.) x <u>365</u> days = <u>96.4 MIIL</u>	<u>LION</u> gallon
	head of x gallons/head (avg.) x days = §	gallons
	head of x gallons/head (avg.) x days = g	gallons
	COOLING	
	gpm x 60 min/hr x 10 hours/day x 240 days = 11.52 Million	gallons
	SANITATION	
	g.p.m. x 60 min/hr x 14 hr/wk x 52 wks/yr = 3.5 Million	gallons
	OTHER USE (Explain) Keep waterers from freezing, etc. = 1 Million	gallons
	<u>TOTAL</u> 112.42 Million	_ gallons
6.	Show location of present and future location of confinement pens on your attached maps or photographs.	
7.	Total feed bunk space for cattle or livestock is linear feet.	
8.	Total size of stock pens for confinement area of cattle, hogs, etc. is square feet.	
	ou may attach any additional information you believe will assist in informing the Division of Water Resource need for your request.	rces of

AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A 50158 00 STK

Water Right and Points of Diversion Within 2.00 miles of point defined as:

2834 Feet North and 4480 Feet West of the Southeast Corner of Section 9 T 16S R 11E

SURFACE WATER ONLY

=====		===	====	===:	===			===	===:								====			:====
File	Number		Use	ST	SR	Dist	(ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt Auth_Quan	Add_Quan	Unit
A	44071	00	STK	NK	s*		0		SE	SW	MM	2834	4480	9	16	11E	1	35.29	35.29	AF
A	45516	00	SED	NK	s		9116		NE	SW	NE	3414	1909	18	16	11E	1	.00	.00	AF
A	45961	00	STK	NK	s		7719		NW	NM	SE	2522	2021	10	16	11E	1	12.27	12.27	AF
A	49697	00	SED	НK	s*		6678		SE	SE	SE	550	350	7	16	11E	1	296.00	296.00	AF
A	49697	00	STK	HK	s*		6678		SE	SE	SE	550	350	7	16	11E	1	.00	.00	AF
A	49850	00	STK	KE	s		7719		NW	NW	SE	2522	2021	10	16	11E	1	58.80	58.80	AF
A	50158	00	STK	ΑY	s		0		SE	SW	NW	2834	4480	9	16	11E	1	100.00	100.00	AF

Total Net Quant	ities Au	ithor:	ized:	Direct	Storage
Total Requested	Amount	(AF)	=	100.00	.00
Total Permitted	Amount	(AF)	=	354.80	569.06
Total Inspected	Amount	(AF)	=	.00	.00
Total Pro_Cert	Amount	(AF)	=	.00	.00
Total Certified	l Amount	(AF)	=	47.55	646.96
Total Vested	Amount	(AF)	=	.00	.00
TOTAL AMOUNT		(AF)	=	502.35	1216.02

An \star after the source of supply indicates a pending application for change under the file number.

An \star after the ID indicates a 15 AF exemption was granted under the file number.

A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery. The number in the Batt column is the number of wells in the battery.

Water Rights and Points of Diversion Within 2.00 miles of point defined as:

2834 Feet North and 4480 Feet West of the Southeast Corner of Section 9 T 16S R 11E SURFACE WATER ONLY

WATER USE CORRESPONDENTS:

File Number Use ST SR

A__ 44071 00 STK NK S

> 2 I FEEDERS LLC

>

> 884 RD 350

> ALLEN KS 66833

>----

A_ 45516 00 SED NK S

> ALLEN CREEK WATERSHED DIST #89

>

> 280 HWY K-68

> LYNDON KS 66451

>-----

A 45961 00 STK NK S

> BRIAN KEITH

>

> 3505 ROAD L

> ALLEN KS 66833

>
A 49697 00 SED HK S
> ALLEN CREEK WATERSHED DIST #89
>
> 280 HWY K-68
> LYNDON KS 66451
>
A 49697 00 STK HK S
> 2 I FEEDERS LLC
>
> 884 RD 350
> ALLEN KS 66833
>
A 49850 00 STK KE S
> BRIAN KEITH
>
> 3505 ROAD L
> ALLEN KS 66833
>
A 50158 00 STK AY S
> 2 I FEEDERS LLC
>
> 884 RD 350
> ALLEN KS 66833
>

Topeka Field Office 6531 SE Forbes Ave., Suite B Topeka, KS 66619



Phone: 785-296-5733 Fax: 785-296-8298 www.agriculture.ks.gov

Mike Beam, Interim Secretary

Laura Kelly, Governor

January 28, 2019

W S & E C JONES TRUST % HARDING & CARBONE 1235 NORTH LOOP W STE 205 HOUSTON TX 77025-4701

Re: Pending New Application, File No. 50,158; and Change Application, File No. 44,071 (Place of Use)

Dear Sir or Madam:

This is to advise you that 2 I Feeders LLC has filed the new application referred to above for a permit to appropriate 32.585 million gallons (100 acre-feet) of additional surface water per calendar year at the rate of natural flows to be stored in an existing reservoir, and re-divert 32.585 million gallons of the stored water for stockwatering use. Note that this is an **existing reservoir** currently authorized under Water Right, File No. 44,071. The pending change application for File No. 44,071 will increase its authorized place of use to match the new application stockwatering project.

The point of diversion for File No. 50,158 (where the dam crosses the centerline of the stream) is in the Southeast Quarter of the Southwest Quarter of the Northwest Quarter (SE¼ SW¼ NW¼) of Section 9, in Township 16 South, Range 11 East, Lyon County, Kansas.

Records in this office indicate that you own land along the stream in this vicinity and you are being notified of receipt of these applications in order that you may be fully informed of the proposed location of the applicant's point of diversion and proposed use of water. Consideration will be given to comments or other information which you desire to submit to this office within 15 days from the date of this letter.

You can find the new and change applications and site maps posted by the file numbers referenced above at: http://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices

If you have any questions or comments, you may also contact me at (785) 296-3495. If you call, please reference the file number so I can help you more efficiently.

Sincerely,

long Delemm

Douglas W. Schemm Environmental Scientist Topeka Field Office

pc: 2 I Feeders LLC

Topeka Field Office 6531 SE Forbes Ave., Suite B Topeka, KS 66619



Phone: 785-296-5733 Fax: 785-296-8298 www.agriculture.ks.gov

Mike Beam, Interim Secretary

Laura Kelly, Governor

January 28, 2019

F G DAY REVOCABLE LIVING TRUST 4527 BANNING DR HOUSTON TX 77027-4508

Re: Pending New Application, File No. 50,158; and Change Application, File No. 44,071 (Place of Use)

Dear Sir or Madam:

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If you have any questions or comments, you may also contact me at (785) 296-3495. If you call, please reference the file number so I can help you more efficiently.

Sincerely,

Aug Schemm

Douglas W. Schemm Environmental Scientist

Topeka Field Office

pc: 2 I Feeders LLC

Beacon Lyon County, KS

Upstream

Summary

Parcel 1D Quick Ref ID 0620400000003000

Property Address

900 ROAD 360

Brief Tax Description

504, T16S, R11E, ACRES 165.8, W1/2 W1/2 FR

(Note: Not to be used on legal documents)

Taxing Unit Group Lot Size (SF) Acreage

165.81 Agricultural Use

Property Class Zoning Lot Block Subdivision

Agricultural

Deed Book & Page Neighborhood

04-16S-11E 1992 - 12484; 1992 - 12485;

Rural Nbhd 860 - Allen/Admire Hinterland

Owner

Primary Owner

Jones, W S & E C; Trust Attn: Harding & Carbone 1235 North Loop W

Houston, TX 77025-4701

Agricultural Land

Summary:

Details.							
Ag	Ag	Ag					
Туре	Acres	Soil					
NG	36.88	4590					
NG	15.21	4655					
NG	11.81	4740					
NG	34.44	4783					
NG	7.62	4788					
NG	53.98	7302					
NG	5.87	9999					

Dry Land Acres Irrigated Acres Native Grass Acres Tame Grass Acres Total Ag Acres

165.81

165.81

Valuation

2018 Appraised Value							
Class	Land	Building	Total				
Α	\$13,120	\$0	\$13,120				
Total	\$13,120	\$0	\$13,120				

2017 Appraised Value

No data available for the following modules: Lot, Residential Information, Commercial Information, Other Buildings, Building Permits, SVQ Documents, Photos, Sketches.

No warranty, express or implied, is provided for the data herein, or its use.

Last Data Upload: 1/2/2019 11:20:15 PM





Beacon[™] Lyon County, KS

Summary

Parcel ID Quick Ref ID 0641700000012000

Property Address

Brief Tax Description

800 HWY 56 517, T16S, R11E, ACRES 287.9, SE1/4 FR & SW1/4 EXC BEG NE COR W1/2 SW1/4 S686.35 SWLY286.43 NWLY389.29 NLY560(S) E620(S) TO POB LESS ROW

(Note: Not to be used on legal documents)

Taxing Unit Group Lot Size (SF)

287.9

Acreage Property Class Zoning Lot Block Subdivision

Agricultural Use Agricultural

17-16S-11E

Deed Book & Page Neighborhood

Rural Nbhd 860 - Allen/Admire Hinterland

Owner

Primary Owner

Day, FG; Revocable Liv Tr

4527 Banning Dr Houston, TX 77027-4508

Agricultural Land

	Details:	
Ag Type	Ag Acres	Ag Soil
TG	4.83	4051
TG	1.61	4590
TG	6.42	4740
TG	4.74	7302
TG	27.79	8775
NG	13.53	4051
NG	11.65	4052
NG	64.50	4590
NG	39.47	4740
NG	13.38	4744
NG	0.23	7170
NG	61.02	7302
NG	7.06	7306
NG	31.64	8775
NG	0.03	4052

Summary:

Dry Land Acres Irrigated Acres Native Grass Acres **Tame Grass Acres** Total Ag Acres

242.51 45.39 287.90

Valuation

2018 Appraised Value								
Class	Land	Building	Total					
Α	\$24,780	\$0	\$24,780					
ED	\$0	\$0	\$0					
Total	\$24,780	\$0	\$24,780					

2017 Appraised Value

No data available for the following modules: Lot, Residential Information, Commercial Information, Other Buildings, Building Permits, Sales, SVQ Documents, Photos, Sketches.

No warranty, express or implied, is provided for the data herein, or its use.

Last Data Upload: 1/2/2019 11:20:15 PM



NOVERBER 8, 2018

Kansas Department of Agriculture Division of Water Resources David W. Barfield, Chief Engineer 1320 Research Park Drive Manhattan, Kansas 66502

Re:

Application 2

File No.

Minimum Desirable Streamflow

Neosho River Basin

Dear Sir:

I understand that a Minimum Desirable Streamflow requirement has been established by the legislature for the source of supply to which the above referenced application applies.

I understand that diversion of water pursuant to this application will be subject to regulation any time Minimum Desirable Streamflow requirements are not being met.

I also understand that if this application is approved, there could be times, as determined by the Division of Water Resources, when I would not be allowed to divert water. I realize that this could affect the economics of my decision to appropriate water.

I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.

Signature of Applicant

State of Kansas

) ss

County of Wahaunser

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 7th day of November, 2018.

Notary Public

My Commission Expires:

NOTARY PUBLIC - State of Kansas

DENISE M. McDANIEL

My Appt. Exp. 5:30:2/

WATER RESOURCES RECEIVED

NOV 08 2018

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE 1320 RESEARCH PARK DRIVE Manhattan, KS 66502 PHONE: (785) 564-6700 Fax: (785) 564-6777



900 SW JACKSON, ROOM 456 TOPEKA, KS 66612 PHONE: (785) 296-3556 www.agriculture.ks.gov

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

November 15, 2018

2i FEEDERS, LLC 884 RD 350 **ALLEN, KS 66833**

> RE: Application, File No. 50158

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application for a permit to appropriate water for beneficial use. Your application has been assigned the file number referenced above. Please be aware that the Division may have a large number of pending applications on hand at times and makes every attempt to process them in the order in which they are received. You will be contacted if additional information is required.

Please note, this letter only acknowledges receipt of your application and does not guarantee approval. In accordance with the provisions of the Kansas Water Appropriation Act, the use of water as proposed prior to approval of the application is unlawful.

Additional information about the process may be found on our website at agriculture.ks.gov/divisions-programs/dwr. If you have any other questions, please contact our office at 785-564-6640 or your local Topeka Field Office at 785-296-5733. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kristen A. Baum

New Application Unit Supervisor

UstenaBaum

Division of Water Resources

1:18,000

2 I FEEDERS - FILE NOS. 44,071; 47,208; & 49,697 AUTHORIZED PLACE OF USE SITE MAP



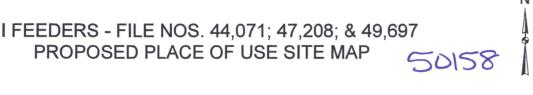


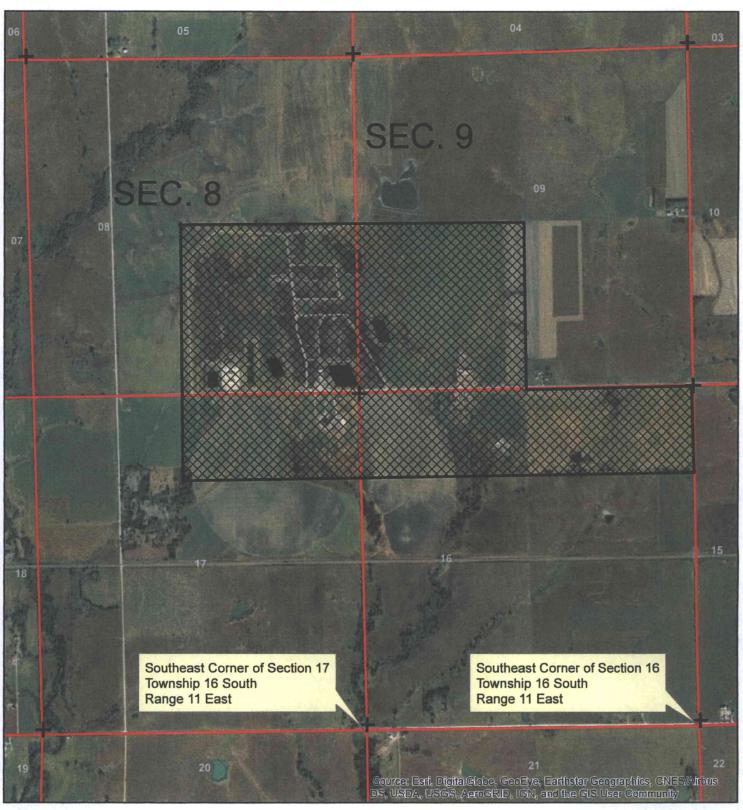
Authorized Place of Use

CEO Zi feeders

1:18,000

2 I FEEDERS - FILE NOS. 44,071; 47,208; & 49,697 PROPOSED PLACE OF USE SITE MAP





Proposed Place of Use

All Known Landowners and Well Owners within

1/2 mile bave been identified.

NOV 0 8 2018

CEO 21 feeders

1:18,000

2 | FEEDERS - FILE NOS. PROPOSED PLACE OF USE SITE MAP





