

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

1. File Number: <p style="text-align: center;">50,105</p>	2. Status Change Date: <p style="text-align: center;"><i>12/28/2018</i></p>	3. Field Office: <p style="text-align: center;">3</p>	4. GMD: <p style="text-align: center;">0</p>
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5. Status: Approved Denied by DWR/GMD Dismiss by Request/Failure to Return

6. Enclosures: Check Valve N of C Form Water Tube Driller Copy Meter

<p>7a. Applicant(s) Person ID 15260 New to system <input type="checkbox"/> Add Seq# _____</p> <p>SALINE RWD 02 PAT WELLER 4756 S KIPP RD GYPSUM KS 67448</p>	<p>7c. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p>
<p>7b. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p> <p>7a.</p>	<p>7d. Misc. Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p>

<p>8. WUR Correspondent Person ID _____ New to system <input type="checkbox"/> Add Seq# _____ Overlap File (s) WUC Notarized WUC Form <input type="checkbox"/> Agree <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>7a.</p>	<p>9. Use of Water: Changing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water</p> <p><input type="checkbox"/> IRR <input type="checkbox"/> REC <input type="checkbox"/> DEW <input checked="" type="checkbox"/> MUN</p> <p><input type="checkbox"/> STK <input type="checkbox"/> SED <input type="checkbox"/> DOM <input type="checkbox"/> CON</p> <p><input type="checkbox"/> HYD DRG <input type="checkbox"/> WTR PWR <input type="checkbox"/> ART RECHRG</p> <p><input type="checkbox"/> IND SIC: _____ <input type="checkbox"/> OTHER: _____</p>
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10. Completion Date: 12/31/2020 11. Perfection Date: 12/31/2039 12. Exp Date: _____

13. Conservation Plan Required? Yes No Date Required: _____ Date Approved: _____ Date to Comply: _____

14. Water Level Measuring Device? Yes No Date to Comply: _____ Date WLMD Installed: _____

Date Prepared: **12/6/2018** By: **DWS**
Date Entered: *1/3/2019* By: *UM*

File No. **50,105** 15. Formation Code: **330** Drainage Basin: **SMOKY HILL RIVER** County: **SA** Special Use: Stream:

16. Points of Diversion

T MOD DEL ENT	PDIV	Qualifier	S	T	R	ID	'N	'W
√	17820	SE NE SE	9	15	2W	4	1660	500

17. Rate and Quantity **FIX AUTHORIZED QUANTITY**

Authorized		Additional		Overlap PD Files
Rate gpm	Quantity mgy	Rate gpm	Quantity mgy	
50	5	50	5	35,641

18. Storage: Rate _____ NF Quantity _____ ac/ft Additional Rate _____ NF Additional Quantity _____ ac/ft

19. Limitation: _____ at _____ gpm (_____ cfs) when combined with file number(s) _____
 Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____

20. Meter Required? Yes No To be installed by **12/31/2020** Date Acceptable Meter Installed _____

21. Place of Use

T MOD DEL ENT	PUSE	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg? NO	Overlap Files
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼				
√	14991	9	15	2W	1	WITHIN THE BOUNDARIES OF RWD #2 SALINE CO KS																7a	No	*See Below	

Comments: ***File Nos. 13,797; 19,578; 35,641; 43,747 AND 50,105 All Overlap in Place of Use.**

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources
MEMORANDUM

TO: Files

DATE: December 6, 2018

FROM: Doug Schemm

RE: Applications, File No. 50,105

Saline County RWD 2 has filed the referenced application proposing to appropriate 5 million gallons of groundwater per calendar year at a diversion rate not to exceed 50 gallons per minute for municipal use from an existing well. The application form was signed by a representative of the applicant, stating the District has access to the point of diversion. The well is located within the Smoky Hill River Basin. Application, File No. 50,105 will overlap in point of diversion with File No. 35,641, and will overlap in place of use with File Nos. 13,797; 19,578; 35,641; and 43,747. File No. 13,797 is authorized 6.1 million gallons, File No. 19,578 is authorized 17.36 million gallons, File No. 35,641 is authorized 1.43 million gallons, and File No. 43,747 is authorized 19.551 million gallons, limited to the three senior files to 32.0 million gallons. Therefore, the total authorized by all senior files is 32.0 million gallons.

The applicant was contacted by telephone on November 8, 2018 to obtain additional information to justify the requested quantity of water. Mr. Weller stated that they currently have 180 meters and anticipate adding two meters per year. In addition to residential meters, the District also supplies water to industrial facilities (Coop and Exline) and stockwatering customers. Based on Water Use Records they nearly exceeded their authorized quantity in 2015, and water use increased over the last few years. The Kansas Municipal Water Use report indicates an average of 120 gpcd, (which is somewhat high for a small public water supplier – Avg. 97 gpcd). An estimated quantity of water can be determined as follows:

Population (180 meters x 4 = 720) 720 x 120 gpcd x 365 days	= 31.5 million gallons.
Industrial, Stock, and Bulk	= 3.0 million gallons
Other Water Used (Unaccounted for)	= <u>2.0 million gallons</u>
TOTAL	= 36.5 million gallons

Based on the above information, and continued residential growth, it appears that a projected quantity of water need of 37 million gallons would be reasonable. The senior files authorize 32 million gallons, and the new application is requesting an additional 5 million gallons for a total of 37 million gallons. Therefore, File No. 50,105 will be all additional water, and no limitations in rate or quantity are required.

The applicant did not identify any wells of any kind within one-half mile of the proposed point of diversion (other than his other nearby MUN supply wells). However, after further review of the WWC-5 database and aerial map, it appeared there are nearby domestic wells. The applicant confirmed this and provided names and addresses of domestic well owners. Nearby well owner letters were sent out on November 8, 2018. No responses of any kind were received.

The source of water for this application is the unconfined Dakota aquifer system. Per the requirements in K.A.R. 5-4-4 for the unconfined Dakota aquifer system, the minimum well spacing should be 2,640 feet to non-domestic wells and 1,320 feet to domestic wells. This existing well does not meet spacing to two other municipal wells owed by the applicant (File Nos. 13,797 and 19,578), which are located 2,425 feet and 703 feet away, respectively. In addition, it does not meet spacing to three domestic wells, with the nearest being 600 feet away. There are several unique circumstances that should be considered in this specific instance regarding minimum well spacing.

- These wells for municipal use are operated as a system supplying water to the same treatment facility, and are not likely to be separated or divided in any way in the future.
- The wells are not typically pumped at the same time, and they are pumped based on water supply demands for the District, not on a continuous basis. This operational flexibility in pumping sources will provide for more efficient management of the source of supply.

- All of the municipal supply wells have low pumping rates (at or less than 75 gpm), which will minimize their radius of influence. The multiple wells tend to act as a backup supply to each other in case a specific well were to fail.
- The wells are producing from a very shallow sandstone aquifer (average less than 10 feet below the ground surface) and are likely to receive significant recharge from direct precipitation.

The new appropriation is requesting a maximum pumping rate of only 50 gpm, and under normal use conditions the well would not be operating continuously, so it is unlikely to have any significant impact on the water table. The applicant owns the closest nearby water rights. These wells have all operated here for many years with no known impairment concerns from any of the domestic well users. Therefore, per K.A.R. 5-4-4, the required minimum well spacing criteria is not necessary to prevent direct impairment in this specific instance, and the proposed well spacing is sufficient to prevent direct impairment and to protect the public interest.

A well log provided with the application shows sandstone encountered at a very shallow depth of 9 feet below ground surface, and continuing to 56 feet, ending on a hard gray shale. The well was screened from 26 feet to 56 feet below ground surface, and static water level was at 23 feet. Other area well also show very shallow depths to sandstone, with an average thickness of 64 feet of sandstone. However, wells located to the west do not contain any sandstone and are likely sourcing the Wellington Formation, and further to the west on the edge of the two-mile circle, there are wells sourcing the Smoky Hill River alluvium. Therefore, the western portion of the two-mile circle will not be included in the aquifer extent.

Per K.A.R. 5-3-11, the area of consideration was based on the extent of the unconfined Dakota aquifer system, which was determined to be 6,287 acres (truncating out the west part of circle). Thus $6,287 \text{ acres} \times 3.0 \text{ inches of recharge} \times 75\% \text{ recharge available} / 12$ provides a safe yield of 1,178.73 acre-feet. Prior appropriations total only 98.21 acre-feet, so obviously there is sufficient water for the pending application requesting 15.34 acre-feet, and it meets safe yield.

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. If any chemical or foreign substance is injected into the water pumped under this permit, a check valve will also need to be installed.

Kelly Stewart, Water Commissioner of the Stockton Field Office, recommended approval of the referenced application in a December 4, 2018 e-mail. Based on the above discussion, the additional quantity of water will help the applicant meet future water demands, it meets safe yield and reduced spacing criteria, and approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest, it is recommended that the referenced new application be approved.

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

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

STATE OF KANSAS



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

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

SALINE RWD 02
% PAT WELLER
4756 S KIPP RD
GYPSUM KS 67448

January 7, 2019

FILE COPY

Re: Appropriation of Water, File No. 50,105

Dear Mr. Weller:

There is enclosed a permit 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 location specified in the permit, and to use it for the purpose and at the location described in the permit.

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

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 this permit. Enclosed is a form 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 the permit 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 this permit. Failure to comply with this regulation will result in the dismissal of your permit or your water right. Any request for an extension of time shall be accompanied by the required statutory fee, which is currently \$100.00.

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 right. If you have any questions, please contact our office. If you wish to discuss this specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Brent A. Turney, P.G.
Change Application Unit Supervisor
Water Appropriation Program

BAT:dws
Enclosures

pc: Stockton Field Office



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David 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. 50,105** of the applicant

**SALINE RWD 02
PAT WELLER
4756 S KIPP RD
GYPSUM KS 67448**

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 **August 13, 2018**.
2. That the water sought to be appropriated shall be used for municipal use within the boundaries of Rural Water District No. 2, Saline County, Kansas and the immediate vicinity.
3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of one (1) well located in the Southeast Quarter of the Northeast Quarter of the Southeast Quarter (SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 9, more particularly described as being near a point 1,660 feet North and 500 feet West of the Southeast corner of said section, in Township 15 South, Range 2 West, Saline County, Kansas, located substantially as shown on the topographic map accompanying the application.
4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **50 gallons per minute** (0.11 c.f.s.) and to a quantity not to exceed **5 million gallons** (15.34 acre-feet) of water for any calendar year.
5. That installation of works for diversion of water shall be completed on or before **December 31, 2020** or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$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 of \$100.00.
6. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before **December 31, 2039** 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 of \$100.00.

7. 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.

8. 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.

9. 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.

10. 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.

11. That all 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 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.

12. That an acceptable water flow meter shall be installed and maintained on the 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).

13. 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.

14. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.

15. 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.

16. 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.

17. That the permit holder shall submit a progress report to the office of the Chief Engineer by March 1, following the tenth full calendar year after the permit was issued. The progress report must be submitted on a form prescribed by the Chief Engineer, and shall compare annual water use projected in the original application with the actual annual water use for the prior 10 years. The progress report must document compliance with the approved conservation plan, contain sufficient details to determine the extent of perfection of the water right during the previous ten years, and demonstrate how the water right, in association with other water rights, meets the municipal use need.

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 28th day of December, 2018, in Manhattan, Riley County, Kansas.

Lane P. Letourneau

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

State of Kansas)
) SS
County of Riley)

The foregoing instrument was acknowledged before me this 28th day of December, 2018, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



Danielle Wilson

Notary Public

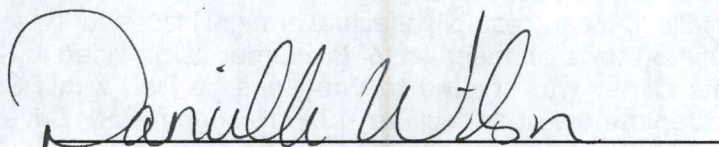
CERTIFICATE OF SERVICE

On this 7th day of January, 2019, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 50,105, dated December 28th, 2018 was mailed postage prepaid, first class, US mail to the following:

SALINE RWD 02
PAT WELLER
4756 S KIPP RD
GYPSUM KS 67448

With photocopies to:

Stockton Field Office



Division of Water Resources

DO NOT DATE STAMP

Brent Turney

TO: ~~KRISTEN BAUM~~

DWR WATER APPROPRIATION

50,105 Saline RWD #2 (Approval) 11/29/18

Water Resources
Received

DEC 07 2018

KS Dept Of Agriculture

DO NOT DATE STAMP

FROM: DWS / TFO

50,105

Schemm, Doug [KDA]

From: Stewart, Kelly [KDA]
Sent: Tuesday, December 4, 2018 1:56 PM
To: Schemm, Doug [KDA]
Cc: Billinger, Mark [KDA]; Hageman, Rebecca [KDA]
Subject: RE: Saline Co. RWD 2 (50,105)

Doug,

I recommend approval of this application (#50,105).

Kelly

From: Schemm, Doug [KDA]
Sent: Tuesday, December 4, 2018 1:46 PM
To: Stewart, Kelly [KDA] <Kelly.Stewart@ks.gov>
Cc: Billinger, Mark [KDA] <Mark.Billinger@ks.gov>
Subject: Saline Co. RWD 2

No response from the nearby domestic well owners. Only asking for 50 gpm. I don't think there will be any problems. A shallow aquifer.

50,105

SECTION 3: PROJECTED FUTURE WATER NEEDS

PLEASE COMPLETE THE FOLLOWING TABLE SHOWING YOUR FUTURE WATER REQUIREMENTS FOR THE NEXT 20 YEARS:

	Column 1 Raw Water Diverted Under Your Rights	Column 2 Water Purchased From All Sources	Column 3 Water Sold to Other Public Water Suppliers	Column 4 Water Sold to Your Industrial, Stock, and Bulk Customers	Column 5 Water Sold to Your Residential and Commercial Customers	Column 6 Other Metered Water	Column 7 Remaining Water Used (See Explanation on other side)
Year 5							
Year 10							
Year 15							
Year 20							
	TOTAL WATER = Columns 1 + 2		ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6			UNACCOUNTED FOR WATER	

SECTION 4: POPULATION AND SERVICE CONNECTIONS

ESTIMATE THE NUMBER OF PERSONS DIRECTLY SERVED BY YOUR WATER DISTRIBUTION SYSTEM

PAST POPULATION - PROVIDE INFORMATION BELOW:
(CENSUS BUREAU INFORMATION)

LAST 20 YEARS	POPULATION
20 years ago	
15 years ago	
10 years ago	
5 years ago	
Last Year	

water hook up

2 meters/year

1 1/2 % increase/year

PROJECTED FUTURE POPULATION

ESTIMATE FUTURE POPULATION AND SUBSTANTIATE NUMBERS ON SEPARATE ATTACHMENTS

NEXT 20 YEARS	POPULATION
Year 5	
Year 10	
Year 15	
Year 20	

*180 meters x 4 people/meter = 720 * Per discussion with applicant DWS/DWR 12/6/18*

Provide number of current active service connections:

Residential _____ **2** Industrial Elevator + Exline Other (specify) _____ **12/6/18**
 Commercial _____ Pasture/Stockwater/Feedlot _____ Total _____

SECTION 5: PRESENT GALLONS PER PERSON PER DAY

CALCULATE YOUR GALLONS PER PERSON PER DAY

Water in Columns 5, 6, and 7 + Population + 365 Days/Year = Gallons per Person per Day

Kwo gpcd = 120

720 x 120 x 365 = 31.5 mgy

_____ ÷ _____ ÷ 365 Days/Year = _____ GALLONS PER PERSON PER DAY.
 Amount of water in Columns 5, 6, and 7 of Section 1 Population from Last Year of Section 4

SECTION 6: AREA TO BE SERVED

Describe the area to be served or provide the legal description of the location where the water is to be used including any other city of water supply system (i.e. Rural Water District): _____

You may attach additional information you believe will assist in informing the Division of the need for your request.

Applicant's Name SALINE 2 RWD
(Please Print)

MUNICIPAL (PUBLIC WATER SUPPLY) APPLICATION SUPPLEMENTAL INFORMATION SHEET

Application File Number

(assigned by DWR)

SECTION 1: PRESENT WATER USE SUMMARY (IF NO PREVIOUS MUNICIPAL WATER USE HAS BEEN UTILIZED, PROCEED TO SECTION 3)
NOTE: WORKSHEET FOR WATER PUMPED, PURCHASED, AND SOLD BY YOUR WATER DISTRIBUTION SYSTEM.

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
Raw Water Diverted Under Your Rights	Water Purchased From All Sources	Water Sold to Other Public Water Suppliers	Water Sold to Your Industrial, Stock, and Bulk Customers	Water Sold to Your Residential and Commercial Customers	Other Metered Water	Remaining Water Used (See Below Explanation)
TOTAL WATER = Columns 1 + 2		ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6			UNACCOUNTED FOR WATER	

UNACCOUNTED FOR WATER = TOTAL WATER - ACCOUNTED FOR WATER

- Column 1: The amount of raw water diverted from all of your points of diversion.
- Column 2: The amount of water purchased wholesale from all other public water supply systems or the Kansas Water Office.
- Column 3: The amount of water sold wholesale to all other public water supply systems.
- Column 4: The amount of water sold retail to all industrial, pasture, stockwater, feedlot, and bulk water service connections. Include the amount of water sold to all farmsteads using at least 200,000 gallons of water per year.
- Column 5: The amount of water sold retail to your residential and commercial customers and to industries and farmsteads using less than 200,000 gallons of water per year.
- Column 6: The amount of water used that is metered at individual service connections and supplied free, such as for public service, treatment processes, and connections receiving free water.
- Column 7: The amount of remaining water used. The gallons reported in this column are found by adding the numbers in Columns 1 and 2 and subtracting the numbers in Columns 3, 4, 5, and 6.

UNACCOUNTED FOR WATER

Use the following to calculate your distribution system's Unaccounted For Water:
Start with the amount in Column 1 and add the amount in Column 2, then subtract the amounts in Columns 3, 4, 5, and 6 leaving an amount of water representing your unaccounted for water to enter in Column 7.

Use the following to calculate the percent Unaccounted For Water versus the Total Water of your system:

$$\text{Percent Unaccounted For Water} = \frac{\text{Unaccounted For Water}}{\text{Total Water (Columns 1,2)}} \times 100$$

If this number exceeds 20%, please explain the large amount of unaccounted for water and describe any steps being taken to reduce it.

SECTION 2: PAST WATER USE
COMPLETE THE FOLLOWING TABLE FROM YOUR PAST WATER USE RECORDS.

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
	Raw Water Diverted Under Your Rights	Water Purchased From All Sources	Water Sold to Other Public Water Suppliers	Water Sold to Your Industrial, Stock, and Bulk Customers	Water Sold to Your Residential and Commercial Customers	Other Metered Water	Remaining Water Used (See Above Explanation)
20 years ago	29598	0	0	1338	14325		14131
16 years ago	23182	0	0	1336	15767		6139
10 years ago	17060	0	0	14100	← combined		2900
7 years ago	21000	0	0	1878	15104		4722
	TOTAL WATER = Columns 1 + 2		ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6			UNACCOUNTED FOR WATER	

50105

20102

#50,105

NEARBY DOMESTIC WELL OWNERS
FILE NO. 50,105

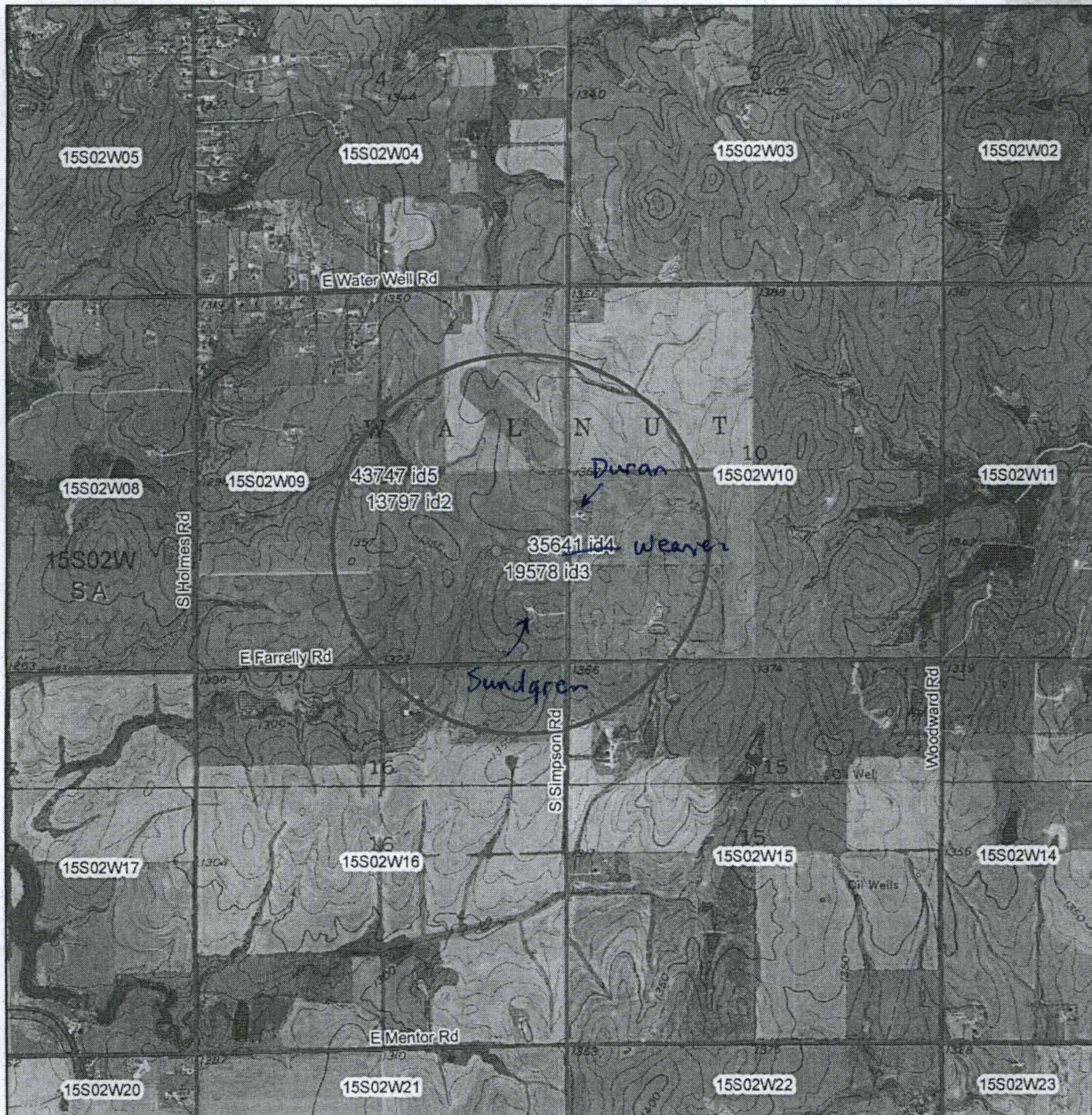
BRIAN & RACHEL WEAVER
4272 S SIMPSON RD
SALINA KS 67401-9050

MARC & LARA DURAN
4193 S SIMPSON RD
SALINA KS 67401-9158

DONALD & SHIRLEY SUNDGREN
4448 S SIMPSON RD
SALINA KS 67401-9407

New Application - Groundwater
 Assisted by Division of Water Resources
 Stockton Field Office

50105



Authorized Place of Use

- ▲ Surface Water Point of Diversion
- Groundwater Point of Diversion

1:24,000



1/2 mile radius

Signature Required

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

WATER RESOURCES
 RECEIVED
 AUG 13 2018



Brian weaver 4272 S. Simpson Road
Duran 4193 - S. Simpson

Salina, ^{KS} 67401

Analysis Results

The selected PD is in an area OPEN to new appropriations.

The safe yield based on the variables listed below is 1,178.73 AF.

Total prior appropriations in the circle is 113.55 AF. $- 15.34 = 98.21 \text{ AF}$

Total quantity of water available for appropriation is 1,065.18 AF.

$1,080.52 \text{ AF}$

50,105
meets safe yield

Safe Yield Variables

The area used for the analysis is set at 6,287 acres.

The potential annual recharge at the circle center is estimated to be 3.0 inches.

The percent of recharge available for appropriation is 75%.

Authorized Quantity values are as of 19-SEP-2018 and are based on Appropriated and Vested ground water right and possible stream nodes for GMD #2. Domestic, Term and Temporary water rights have been excluded.

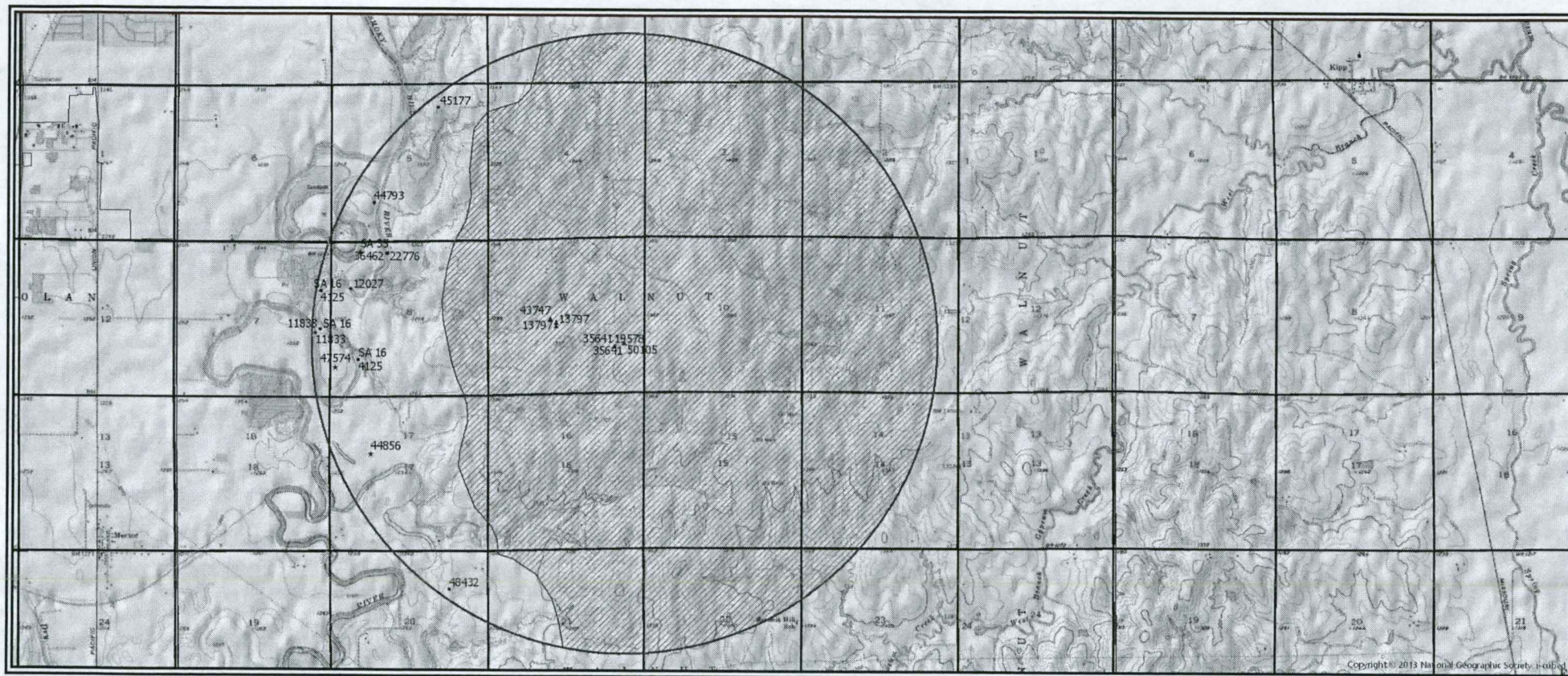
There are 5 water rights and 4 points of diversion within the circle.

File Number	Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth Quant	Add Quant	Tot Acres	Net Acres
A 13797 00	MUN	NK	G		NE	NE	SW	2400	2810	09	15	02W	2	WR	18.72	18.72		
A 19578 00	MUN	NK	G		SW	NE	SE	1600	1200	09	15	02W	3	WR	53.28	53.28		
A 35641 00	MUN	NK	G		SE	NE	SE	1660	500	09	15	02W	4	WR	4.39	4.39		
A 43747 00	MUN	LO	G		NE	NE	SW	2580	3040	09	15	02W	5	WR	60.00	21.82		✓ OK
A 50105 00	MUN	AY	G		SE	NE	SE	1660	500	09	15	02W	4	WR	47.08	15.34		

Limitations

File Number	Seq Num	Limitations
A 43747 00	1	32.0MGY COM/W #13,797; 19,579 & 35,641 ✓ (98.21AF)

Safe Yield Report Sheet
Water Right- A5010500
Point of Diversion in 09-15S-02W
Footages from SE corner- 1,660 feet North 500 feet West



AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A 50105 00

AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A 50105 00 MUN

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

1660 Feet North and 500 Feet West of the Southeast Corner of Section 9 T 15S R 2W

GROUNDWATER ONLY

Reduced spacing to own wells determined to be acceptable.

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit
A__ 13797	00	MUN	NK	G	2425	--	NE	NE	SW	2400	2810	9	15	2W	2	18.72	18.72	AF
A__ 19578	00	MUN	NK	G	703	--	SW	NE	SE	1600	1200	9	15	2W	3	53.28	53.28	AF
A__ 35641	00	MUN	NK	G	0	--	SE	NE	SE	1660	500	9	15	2W	4	4.39	4.39	AF
A__ 43747	00	MUN	LO	G	2700	--	NE	NE	SW	2580	3040	9	15	2W	5	60.00	21.82	AF
A__ 44793	00	IRR	NK	G	9848	--	NW	SE	SW	1289	3839	5	15	2W	1*	15.00	15.00	AF
A__ 44856	00	IND	HK	G	9504	--	NC	S2	NW	3300	3960	17	15	2W	1	259.00	259.00	AF
A__ 47574	00	IND	GY	G	9951	--	NW	SW	SW	982	5129	8	15	2W	5	48.00	48.00	AF
A__ 50105	00	MUN	AY	G	0	--	SE	NE	SE	1660	500	9	15	2W	4	15.34	15.34	AF
VSA	35	00	MUN	AA	G	9594	--	NE	NW	NW	-----	8	15	2W	2	2510.99	2510.99	AF

Applicant's wells

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	15.34	.00
Total Permitted Amount (AF) =	307.00	.00
Total Inspected Amount (AF) =	21.82	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	91.39	.00
Total Vested Amount (AF) =	2510.99	.00
TOTAL AMOUNT (AF) =	2946.54	.00

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

1660 Feet North and 500 Feet West of the Southeast Corner of Section 9 T 15S R 2W

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

File Number	Use	ST	SR
A__ 13797	00	MUN	NK G
>	SALINE	RWD	02
>	PAT	WELLER	
>	4756 S	KIPP	RD
>	GYPSUM	KS	67448

A__ 19578	00	MUN	NK G
>	SALINE	RWD	02
>	PAT	WELLER	
>	4756 S	KIPP	RD
>	GYPSUM	KS	67448

A__ 35641	00	MUN	NK G
>	SALINE	RWD	02
>	PAT	WELLER	

> 4756 S KIPP RD
> GYPSUM KS 67448

>-----

A__ 43747 00 MUN LO G
> SALINE RWD 02
> PAT WELLER
> 4756 S KIPP RD
> GYPSUM KS 67448

>-----

A__ 44793 00 IRR NK G
> THE LAND INSTITUTE
> MANAGING DIRECTOR
> 2440 E WATER WELL RD
> SALINA KS 67401

>-----

A__ 44856 00 IND HK G
> ALSOP SAND CO INC
> SALINA PIT(S)
> 105 INDUSTRIAL RD
> CONCORDIA KS 66901

>-----

A__ 47574 00 IND GY G
> ALSOP SAND CO INC
> SALINA PIT(S)
> 105 INDUSTRIAL RD
> CONCORDIA KS 66901

>-----

A__ 50105 00 MUN AY G
> SALINE RWD 02
> PAT WELLER
> 4756 S KIPP RD
> GYPSUM KS 67448

>-----

VSA 35 00 MUN AA G
> CITY OF SALINA
> DIRECTOR OF UTILITIES
> PO BOX 736
> SALINA KS 67402

>-----

=====

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DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
TOPEKA FIELD OFFICE
6531 SE FORBES AVE., SUITE B
TOPEKA, KS 66619

STATE OF KANSAS



PHONE: (785) 296-5733
FAX: (785) 296-8298
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

November 8, 2018

BRIAN & RACHEL WEAVER
4272 S SIMPSON RD
SALINA KS 67401-9050

Re: Pending New Application, File No. 50,105

Dear Sir or Madam:

This is to advise you that Saline RWD #2 has filed the application referred to above for a permit to appropriate 5 million gallons of groundwater per calendar year for municipal use to be diverted at a maximum rate of 50 gallons per minute. Please note that this is an existing well currently authorized under Water Right, File No. 35,641. The proposed point of diversion is located as follows:

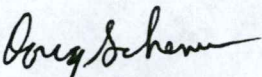
In the Southeast Quarter of the Northeast Quarter of the Southeast Quarter of Section 9, in Township 15 South, Range 2 West, Saline County, Kansas.

Records in this office indicate that you may have a well or wells in this vicinity and you are being notified of receipt of this application 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 application and site map posted by the file number 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,


Douglas W. Schemm
Environmental Scientist
Topeka Field Office

pc: Saline RWD #2

DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
TOPEKA FIELD OFFICE
6531 SE FORBES AVE., SUITE B
TOPEKA, KS 66619

STATE OF KANSAS



PHONE: (785) 296-5733
FAX: (785) 296-8298
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

November 8, 2018

MARC & LARA DURAN
4193 S SIMPSON ROAD
SALINA KS 67401-9158

Re: Pending New Application, File No. 50,105

Dear Sir or Madam:

This is to advise you that Saline RWD #2 has filed the application referred to above for a permit to appropriate 5 million gallons of groundwater per calendar year for municipal use to be diverted at a maximum rate of 50 gallons per minute. Please note that this is an existing well currently authorized under Water Right, File No. 35,641. The proposed point of diversion is located as follows:

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Records in this office indicate that you may have a well or wells in this vicinity and you are being notified of receipt of this application 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.

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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,

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

pc: Saline RWD #2

DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
TOPEKA FIELD OFFICE
6531 SE FORBES AVE., SUITE B
TOPEKA, KS 66619

STATE OF KANSAS



PHONE: (785) 296-5733
FAX: (785) 296-8298
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

November 8, 2018

DONALD & SHIRLEY SUNDGREN
4448 S SIMPSON ROAD
SALINA KS 67401-9407

Re: Pending New Application, File No. 50,105

Dear Sir or Madam:

This is to advise you that Saline RWD #2 has filed the application referred to above for a permit to appropriate 5 million gallons of groundwater per calendar year for municipal use to be diverted at a maximum rate of 50 gallons per minute. Please note that this is an existing well currently authorized under Water Right, File No. 35,641. The proposed point of diversion is located as follows:

In the Southeast Quarter of the Northeast Quarter of the Southeast Quarter of Section 9, in Township 15 South, Range 2 West, Saline County, Kansas.

Records in this office indicate that you may have a well or wells in this vicinity and you are being notified of receipt of this application 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 application and site map posted by the file number referenced above at:
<http://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices>

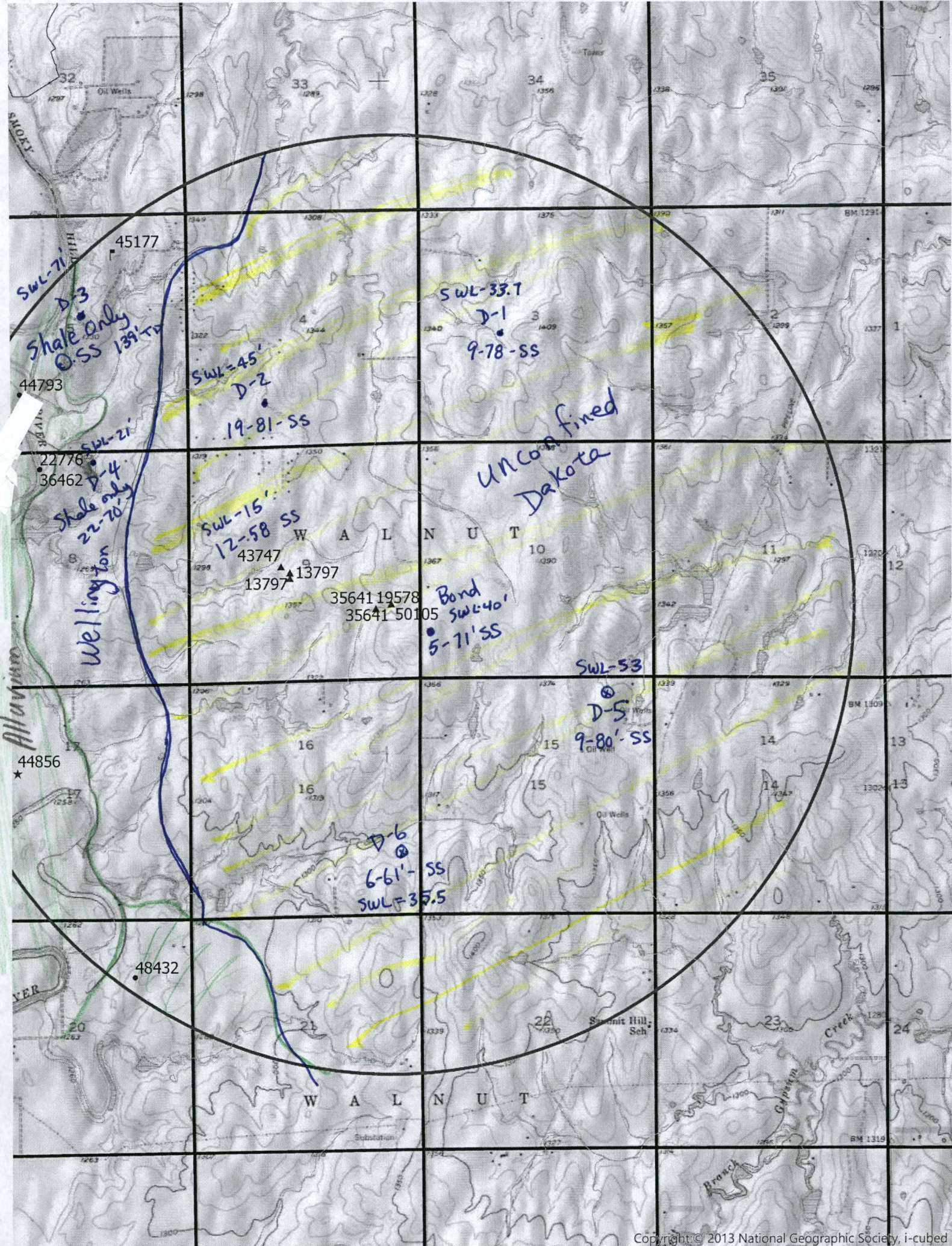
If you have any questions or comments, you may also contact me at (785) 296-3495. If you call, please reference the file number so I can help you more efficiently.

Sincerely,

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

pc: Saline RWD #2

County ID	Name of Public Water Supplier	Year				
		2000	2010	2020	2030	2040
RO	Rooks RWD #02	2,146	2,146	2,146	2,146	2,146
RO	Rooks RWD #03	39,097	39,097	39,097	39,097	39,097
BU	Rose Hill	129,539	167,595	205,690	243,747	281,842
CK	Roseland	2,847	2,904	2,961	2,989	3,046
SN	Rossville	42,502	44,764	47,063	49,324	51,624
PN	Rozel	15,308	14,458	13,522	12,587	11,736
RH	Rush Center	11,740	11,603	11,467	11,262	11,126
RH	Rush RWD #01	15,616	16,209	16,802	17,394	17,913
RS	Russell	220,643	218,224	215,852	213,434	211,061
RS	Russell RWD #01	2,626	2,626	2,626	2,626	2,626
RS	Russell RWD #02	1,737	1,737	1,737	1,737	1,737
BT	Russell RWD #03	55,329	58,192	60,999	63,806	66,669
RS	Russell RWD #04	3,874	3,830	3,785	3,785	3,741
NM	Sabetha	102,925	108,088	113,209	118,372	123,535
SA	Salina	2,304,637	2,474,143	2,643,649	2,813,205	2,982,711
SA	Saline RWD #08 (Formerly 05)	9,948	13,389	16,831	20,327	23,768
SA	Saline RWD #01	2,713	3,359	4,027	4,673	5,341
SA	Saline RWD #02	21,637	20,860	20,028	19,252	18,475
SA	Saline RWD #03	26,771	31,787	36,835	41,884	46,933
SA	Saline RWD #04	25,487	28,732	31,934	35,218	38,421
SA	Saline RWD #06	5,049	6,833	8,655	10,477	12,261
SA	Saline RWD #07	9,213	10,126	10,987	11,929	12,841
HS	Satanta	120,912	135,614	150,315	165,117	179,818
PR	Sawyer	11,692	11,227	10,828	10,363	9,965
CK	Scammon	23,724	23,875	23,976	24,127	24,228
RP	Scandia	20,750	18,670	16,808	15,111	13,633
SC	Scott City	377,657	413,214	448,860	484,507	520,153
OS	Scranton	16,632	17,240	17,870	18,501	19,132
CQ	Sedan	65,035	62,425	59,815	57,206	54,596
HV	Sedgwick	60,789	62,587	64,468	66,308	68,106
SG	Sedgwick RWD #01	33,008	39,700	46,393	53,086	59,778
SG	Sedgwick RWD #02	35,077	45,848	56,620	67,392	78,164
SG	Sedgwick RWD #03	145,136	172,514	199,887	227,293	254,641
SG	Sedgwick RWD #04	49,044	65,974	82,867	99,797	116,727
SD	Selden	21,865	21,609	21,353	21,096	20,840
NM	Seneca	127,888	129,261	130,697	132,070	133,506
GW	Severy	18,409	19,473	20,577	21,681	22,745
BA	Sharon	13,571	13,286	13,001	12,669	12,384
WA	Sharon Springs	76,950	75,334	73,718	72,101	70,485
SN	Shawnee RWD #01C	129,871	157,772	185,673	213,607	241,542
SN	Shawnee RWD #02C	30,105	36,617	43,158	49,698	56,239
SN	Shawnee RWD #03	104,814	122,251	139,720	157,126	174,596
SN	Shawnee RWD #04	227,162	268,303	309,445	350,623	391,764
SN	Shawnee RWD #05	16,540	19,598	22,656	25,740	28,798
SN	Shawnee RWD #06	96,264	122,247	148,285	174,269	200,306
SN	Shawnee RWD #07	14,461	16,735	18,975	21,250	23,524
SN	Shawnee RWD #08	287,792	329,753	371,715	413,676	455,637



SWL-71
D-3
Shale only
SS 139'-T

SWL-33.7
D-1
9-78-SS

SWL-45'
D-2
19-81-SS

UNconfined
Dakota

SWL-21
D-4
Shale only
22-20'

SWL-15'
12-58 SS

Bond
SWL-40'
5-71-SS

SWL-53

D-5
9-80'-SS

D-6
6-61'-SS
SWL-35.5

D-1 uc

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: SALINE	Fraction NW 1/4 NE 1/4 SW 1/4	Section Number 3	Township Number T 15 S	Range Number R 2 EW
--	---	----------------------------	----------------------------------	-------------------------------

Distance and direction from nearest town or city street address of well if located within city? **SALINE COUNTY PERMIT #97-211**

2 WATER WELL OWNER: **ANDREW BRITTON**
 RR#, St. Address, Box #: **2233 HAGEMAN**
 City, State, ZIP Code: **SALINA, KS. 56401**

Board of Agriculture, Division of Water Resources
 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

4 DEPTH OF COMPLETED WELL: **77.7** ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. **33.7** ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: **33.7** ft. below land surface measured on **7-25-97**
 Pump test data: Well water was **45** ft. after **1** hours pumping **25** gpm
 Est. Yield **60** gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: **9** in. to **78** ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No **X**; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes **X** No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below)
 7 Fiberglass
 Blank casing diameter: **5** in. to **57.7** ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.
 Casing height above land surface: **24** in., weight **160** lbs./ft. Wall thickness or gauge No. **SDR 26**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot **.035** 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From **57.7** ft. to **77.7** ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **45** ft. to **77.7** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From **3** ft. to **24** ft., From **42** ft. to **45** ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage **OPEN PASTURE NONE APPARENT**
 Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	TOP SOIL			
1	9	CLAY REDDISH BROWN			
9	78	SANDSTONE BROWN TO TAN FINE GRAIN			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was **(1)** constructed, **(2)** reconstructed, or **(3)** plugged under my jurisdiction and was completed on (mo/day/year) **7-24-97** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **388** This Water Well Record was completed on (mo/day/yr) **7-25-97** under the business name of **PESTINGER PUMP SERVICE** by (signature) *Paul Kealey*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

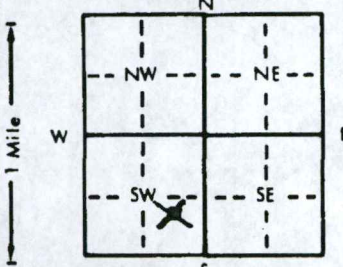
OFFICE USE ONLY
T
R
EW
SEC.
1/4
1/4
1/4

D-2 uc

1 LOCATION OF WATER WELL: Fraction NE 1/4 SE 1/4 SW 1/4 Section Number 4 Township Number T 15 S Range Number R 2 ~~SW~~

Distance and direction from nearest town or city street address of well if located within city?
3 miles East & 2 miles South of Salina, KS

2 WATER WELL OWNER: Orville Clinton
RR#, St. Address, Box # : 3367 Waterwell Rd. Board of Agriculture, Division of Water Resources
City, State, ZIP Code : Salina, KS 67401 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL... 81... ft. ELEVATION: ... ft.
Depth(s) Groundwater Encountered 1. ... ft. 2. ... ft. 3. ... ft.
WELL'S STATIC WATER LEVEL ... 45... ft. below land surface measured on mo/day/yr 8/24/99
Pump test data: Well water was ... ft. after ... hours pumping ... gpm
Est. Yield .6-.10... gpm: Well water was ... ft. after ... hours pumping ... gpm
Bore Hole Diameter .9... in. to .81... ft., and... in. to ... ft.
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well
Was a chemical/bacteriological sample submitted to Department? Yes... No... ; If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
 PVC 4 ABS 7 Fiberglass Threaded
Blank casing diameter ... 5... in. to 61... ft., Dia ... in. to ... ft., Dia ... in. to ... ft.
Casing height above land surface ... 12... in., weight ... 2.37... lbs./ft. Wall thickness or gauge No. ... 214
TYPE OF SCREEN OR PERFORATION MATERIAL: PVC 10 Asbestos-cement
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
1 Continuous slot Mill slot 6 Wire wrapped 9 Drilled holes
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
SCREEN-PERFORATED INTERVALS: From ... 61... ft. to ... 81... ft., From ... ft. to ... ft.
GRAVEL PACK INTERVALS: From ... 22... ft. to ... 81... ft., From ... ft. to ... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout Bentonite 4 Other
Grout Intervals: From ... 2... ft. to ... 22... ft., From ... ft. to ... ft., From ... ft. to ... ft.
What is the nearest source of possible contamination:
1 Septic tank Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
13 Insecticide storage
Direction from well? South How many feet? 150

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	TOPSOIL			
2	3	TAN CLAY			
3	12	SANDSTONE			
12	19	GRAY SHALE			
19	41	LIGHT TAN SANDSTONE			
41	81	TAN SANDSTONE WITH SMALL SHALE LAYERS			
	81	GRAY SHALE			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) ... 8/24/99... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. ... 138... This Water Well Record was completed on (mo/day/yr) ... 8/26/99... under the business name of PETERSON IRRIGATION, INC. by signature *Michael Peterson*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY
T
R
EW
SEC.

1 LOCATION OF WATER WELL
 County: Saline Fraction SW 1/4 SW 1/4 NE 1/4 Section Number 5 Township Number T 15 S Range Number R 2W EW
 Distance and direction from nearest town or city? 1 mi. E + 2 mi. S of Salina Street address of well if located within city?

2 WATER WELL OWNER: Paul Mai
 RR#, St. Address, Box #: Rt. 3 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Salina Kans 67401 Application Number:

3 DEPTH OF COMPLETED WELL... 139 ft. Bore Hole Diameter... 7.5 in. to 139 ft., and ... in. to ... ft.
 Well Water to be used as:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 Well's static water level ... 71 ft. below land surface measured on January month 9 day 1981 year
 Pump Test Data : Well water was ND ft. after 2 hours pumping 1.5 gpm
 Est. Yield ND gpm Well water was ... ft. after ... hours pumping ... gpm

4 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Casing Joints: Glued Clamped
 2 PVC 4 ABS 7 Fiberglass Threaded
 Blank casing dia ... 5 in. to 70 ft., Dia ... in. to ... ft., Dia ... in. to ... ft.
 Casing height above land surface ... 12 in., weight ... lbs./ft. Wall thickness or gauge No. 200
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 Screen or Perforation Openings Are:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify)
 Screen-Perforation Dia ... 5 in. to 139 ft., Dia ... in. to ... ft., Dia ... in. to ... ft.
 Screen-Perforated Intervals: From ... 70 ft. to 139 ft., From ... ft. to ... ft.
 Gravel Pack Intervals: From ... 50 ft. to 139 ft., From ... ft. to ... ft.

5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grouted Intervals: From ... 3 ft. to 13 ft., From ... ft. to ... ft.
 What is the nearest source of possible contamination: Open pasture
 1 Septic tank 4 Cess pool 7 Sewage lagoon 10 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Seepage pit 8 Feed yard 11 Fertilizer storage 15 Oil well/Gas well
 3 Lateral lines 6 Pit privy 9 Livestock pens 12 Insecticide storage 16 Other (specify below)
 13 Watertight sewer lines
 Direction from well ... How many feet ... ? Water Well Disinfected? Yes No
 Was a chemical/bacteriological sample submitted to Department? Yes No If yes, date sample was submitted ... month ... day ... year: Pump Installed? Yes No
 If Yes: Pump Manufacturer's name ... Model No. ... HP ... Volts ...
 Depth of Pump Intake ... ft. Pumps Capacity rated at ... gal./min.
 Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on ... January month ... 9 day ... 1981 year
 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. ... 126
 This Water Well Record was completed on ... Jan month ... 14 day ... 1981 year under the business name of Hydraulic Drilling Co by (signature) [Signature]

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	FROM		TO		LITHOLOGIC LOG	
	FROM	TO	FROM	TO	FROM	TO
	0	9	Clay, silty			
	9	25	Shale, gray-green & yellow			
	25	65	Shale, dark gray & siltstone			
	65	67	Shale, gray & gypsum			
	67	75	Shale, gray & siltstone			
	75	139	Shale, gray & gypsum			

ELEVATION:
 Depth(s) Groundwater Encountered 1. ... 71 ... ft. 2. ... 130 ... ft. 3. ... ft. 4. ... ft. (Use a second sheet if needed)
 INSTRUCTIONS: Use typewriter or ball point pen, please press firmly and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY
 T 15
 R 2
 EW
 SEC 5
 SW 1/4 SW 1/4 NE 1/4

USE TYPEWRITER OR BALL POINT PEN-PRESS FIRMLY, PRINT CLEARLY.

WATER WELL RECORD
KSA 82a-1201-1215

D-4

Kansas Department of Health and Environment-Division of Environment
(Water well Contractors)
Topeka, Kansas 66620

1. Location of well: County <u>Saline</u>		Fraction <u>NW 1/4 NW 1/4 NE 1/4</u>		Section number <u>8</u>	Township number <u>T 15 S</u>	Range number <u>R 2W E/W</u>
2. Distance and direction from nearest town or city: Street address of well location if in city: <u>25-1E Salina</u>				3. Owner of well: <u>C.W. Krehbiel</u> R.R. or street: <u>Rt. 3</u> City, state, zip code: <u>Salina Kans 67401</u>		
4. Locate with "X" in section below: N W E S 1 Mile				Sketch map: 6. Bore hole dia. <u>6"</u> in. Completion date <u>2-13-76</u> Well depth <u>70</u> ft. 7. <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Reverse rotary 8. Use: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air conditioning <input type="checkbox"/> Stock <input type="checkbox"/> Lawn <input type="checkbox"/> Oil field water <input type="checkbox"/> Other 9. Casing: Material <u>PVC</u> Height: <u>Above</u> or below Threaded <input type="checkbox"/> Welded <input type="checkbox"/> Surface <u>12</u> in. RMP <input type="checkbox"/> PVC <input type="checkbox"/> Weight <input type="checkbox"/> lbs./ft. Dia. <u>4</u> in. to <u>70</u> ft. depth; Wall Thickness: inches or Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth; gage No. <u>237</u>		
5. Type and color of material <u>in ft. below surface</u>				From	To	10. Screen: Manufacturer's name <u>Shap</u> Type <u>slotted</u> Dia. <u>4"</u> Slot/gauze <u>3/32</u> Length <u>25'</u> Set between <u>45</u> ft. and <u>70</u> ft. <input type="checkbox"/> ft. and <input type="checkbox"/> ft. Gravel pack? <u>Yes</u> Size range of material <u>3/8"</u>
<u>Albionium</u>						11. Static water level: <u>21</u> ft. below land surface Date <u>2-13-76</u> mo./day/yr.
<u>Clay, tan</u>				<u>0</u>	<u>4</u>	12. Pumping level below land surfaces: <u>55</u> ft. after <u>1/2</u> hrs. pumping <u>4</u> g.p.m. <input type="checkbox"/> ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m. Estimated maximum yield <u>5 gpm</u> g.p.m.
<u>Sand, fine, silty</u>				<u>4</u>	<u>10.5</u>	13. Water sample submitted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date <u>8</u> mo./day/yr.
<u>Silt, clayey, yellow</u>				<u>10.5</u>	<u>22</u>	14. Well head completion: <input type="checkbox"/> Pitless adapter <u>12</u> Inches above grade
<u>Wellington formation</u>						15. Well grouted? <u>Y</u> With: <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From <u>3</u> ft. to <u>13</u> ft.
<u>Shale gray; contains few thin</u>						16. Nearest source of possible contamination: ft. <input type="checkbox"/> Direction <input type="checkbox"/> Type <input type="checkbox"/> Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<u>zones silty dolomitic limestone</u>				<u>22</u>	<u>70</u>	17. Pump: <input checked="" type="checkbox"/> Not installed Manufacturer's name <input type="checkbox"/> Model number <input type="checkbox"/> HP <input type="checkbox"/> Volts <input type="checkbox"/> Length of drop pipe <input type="checkbox"/> ft. capacity <input type="checkbox"/> g.p.m. Type: <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal <input type="checkbox"/> Other
(Use a second sheet if needed)						20. Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. <u>Hydraulic Drilling</u> <u>126</u> Business name <u>R. G. Salina</u> License No. <u>74</u> Address <u>25-1E Salina</u> Signed <u>Ol. Fort</u> Date <u>3-1-76</u> Authorized representative
18. Elevation: Topography: <input type="checkbox"/> Hill <input type="checkbox"/> Slope <input type="checkbox"/> Upland <input checked="" type="checkbox"/> Valley		19. Remarks:				

15 20 8- NW 1/4 1/4

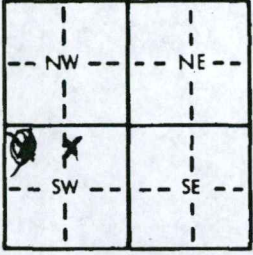
Forward the white, blue and pink copies to the Department of Health and Environment

Form WWC-5

RWD#2

1 LOCATION OF WATER WELL: Fraction NW 1/4 NE 1/4 SW 1/4 Section Number 9 Township Number T 15 S Range Number R 2 E
 County: SALINE Distance and direction from nearest town or city street address of well if located within city? 3 mi EAST + 2 1/2 mi So. of SALINA, KS

2 WATER WELL OWNER: SALINE County RWD#2 Board of Agriculture, Division of Water Resources
 RR#, St. Address, Box #: Rt. 1 City, State, ZIP Code: Gypsum, KS 67448 WATER WELL # 6 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 60 ft. ELEVATION: 15 ft.
 Depth(s) Groundwater Encountered 1. 15 ft. 2. 15 ft. 3. 15 ft.
 WELL'S STATIC WATER LEVEL 15 ft. below land surface measured on mo/day/yr
 Pump test data: Well water was 90 gpm: Well water was 50 ft. after 6 hours pumping 90 gpm
 Est. Yield 90 gpm: Well water was 50 ft. after 6 hours pumping 90 gpm
 Bore Hole Diameter: 24 in. to 60 ft., and 60 in. to 60 ft.
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes ✓ No ✓; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes ✓ No ✓

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ✓ Clamped ✓
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded ✓
 2 PVC 4 ABS 7 Fiberglass Threaded ✓
 Blank casing diameter 12 in. to 40 ft., Dia. 15.04 in. to 15.04 ft., Dia. 5 in. to 5 in. ft.
 Casing height above land surface 24 in., weight 15.04 lbs./ft. Wall thickness or gauge No. 5
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) ✓
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) ✓
 SCREEN-PERFORATED INTERVALS: From 40 ft. to 60 ft., From 40 ft. to 60 ft., From 40 ft. to 60 ft.
 GRAVEL PACK INTERVALS: From 25 ft. to 60 ft., From 25 ft. to 60 ft., From 25 ft. to 60 ft.

6 GROUT MATERIAL: Neat cement Cement grout 3 Bentonite 4 Other ✓
 Grout Intervals: From 5 ft. to 25 ft., From 5 ft. to 25 ft., From 5 ft. to 25 ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard, 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage

Direction from well? NONE within 1/4 mile How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	1	Top Soil			
1	9	Red Sandstone			
9	12	Fine Sand			
12	46	White Sandstone			
46	49	Red Sandstone			
49	50	Iron pyrite			
50	58	White Sandstone			
58	60	Blue Shale			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 12-10-83 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 138 This Water Well Record was completed on (mo/day/year) 1-10-84 under the business name of Peterson Irrigation by (signature) Mike Peterson
 INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY
T
R
EW
SEC.

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

Bond

1 LOCATION OF WATER WELL: County: SALINE Fraction: NW 1/4 SW 1/4 SW 1/4 Section Number: 10 Township Number: T 15 S Range Number: R 24 E/W

Distance and direction from nearest town or city street address of well if located within city? 1/4 MILE NORTH OF INTERSECTION FARELLEY RD. & SIMPSON RD. EAST SIDE **Global Positioning Systems** (decimal degrees, min. of 4 digits)
 Latitude: _____
 Longitude: _____
 Elevation: _____
 Datum: _____
 Data Collection Method: _____

2 WATER WELL OWNER: EASOM BOND
 RR#, St. Address, Box #: 5707 PASEO BLVD.
 City, State, ZIP Code: KANSAS CITY, MO. 64110

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

	NW	NE	
W			E
	SW	SE	
			S

4 DEPTH OF COMPLETED WELL 71 ft.

Depth(s) Groundwater Encountered (1)..... 40 ft. (2)..... ft. (3)..... ft.
 WELL'S STATIC WATER LEVEL..... 40 ft. below land surface measured on mo/day/yr. 4-23-07
 Pump test data: Well water was..... 49 ft. after..... 2 hours pumping..... 20 gpm
 Est. Yield..... gpm: Well water was..... ft. after..... hours pumping..... gpm
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes X No; If yes, mo/day/yr Sample was submitted..... Water well disinfected? Yes X No

5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued X Clamped.....
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded.....
2 PVC 4 ABS 7 Fiberglass Threaded.....

Blank casing diameter 5.75 in. to 6.1 ft., Diameter..... in. to ft., Diameter..... in. to ft.
 Casing height above land surface..... 18 in., Weight..... 160 lbs./ft. Wall thickness or guage No. SAC 26

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 9 ABS 11 Other (Specify)
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot .025 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From..... 61 ft. to 71 ft., From ft. to ft.
 From..... ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From..... 22 ft. to 71 ft., From ft. to ft.
 From..... ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout Intervals: From..... 0 ft. to 22 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below)
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well below)
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well

Direction from well? How many feet? OPEN PASTURE NONE APPARENT

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
<u>0</u>	<u>2</u>	<u>TOP SOIL</u>			
<u>2</u>	<u>5</u>	<u>CLAY BROWN</u>			
<u>5</u>	<u>71</u>	<u>SANDSTONE BROWN TO TAN</u>			
<u>71</u>		<u>SHALE GRAY</u>			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 04-23-07 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 388 This Water Well Record was completed on (mo/day/year) 4-25-07 under the business name of PESTINGER PUMP SERVICE by (signature) Paul Pestinger

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at <http://www.kdhe.state.ks.us/geo/waterwells>.



D-5

WATER WELL RECORD Form WWC-5 1171800

Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID

1 LOCATION OF WATER WELL: County: Saline Fraction SE 1/4 NW 1/4 NE 1/4 NE 1/4 Section Number 15 Township Number T 15 S Range Number R 2 E W

2 WELL OWNER: Last Name: Riffel First: Jake Street or Rural Address where well is located SW Corner of Farrelly & Woodward Roads, Saline County

3 LOCATE WELL WITH 'X' IN SECTION BOX: NW NE SW SE diagram with 'X' in NE quadrant

4 DEPTH OF COMPLETED WELL: 78 ft. Depth(s) Groundwater Encountered: 1) 53 ft. WELL'S STATIC WATER LEVEL: 53 ft.

5 Latitude: 38.75324 Longitude: 97.52369 Elevation: 1384 ft. Other KOLAR

7 WELL WATER TO BE USED AS: 1. Domestic: [X] Household [] Lawn & Garden [] Livestock [] Irrigation [] Feedlot [] Industrial

Was a chemical/bacteriological sample submitted to KDHE? [] Yes [X] No

8 TYPE OF CASING USED: [] Steel [X] PVC [] Other CASING JOINTS: [X] Glued [] Clamped [] Welded [] Threaded

9 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [] Other

Table with columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Topsoil, Clay, Sandstone, soft w/clay streaks

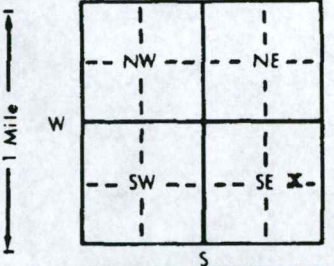
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [] reconstructed, or [] plugged under my jurisdiction and was completed on (mo-day-year) 12/05/2013

4-6

1 LOCATION OF WATER WELL: County: SALINE	Fraction SE 1/4 NE 1/4 SE 1/4	Section Number 16	Township Number T 15 S	Range Number R 2 EW
--	---	-----------------------------	----------------------------------	-------------------------------

Distance and direction from nearest town or city street address of well if located within city?
4272 S. SIMPSON RD. SALINE COUNTY PERMIT # 98-248

2 WATER WELL OWNER: GARY KOMP RR#, St. Address, Box #: 4272 S. SIMPSON, RD. City, State, ZIP Code: SALINA, KS. 67401	Board of Agriculture, Division of Water Resources Application Number:
---	--

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL: 60.9 ft. ELEVATION: Depth(s) Groundwater Encountered 1. 35.5 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 35.5 ft. below land surface measured on mo/day/yr 8-3-98 Pump test data: Well water was 55 ft. after 2 hours pumping 20 gpm Est. Yield 20 gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter 9 in. to 61 ft., and in. to ft. WELL WATER TO BE USED AS: 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes. No X ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes X No
--	---

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 2 PVC 4 ABS	5 Wrought iron 8 Concrete tile 6 Asbestos-Cement 9 Other (specify below) 7 Fiberglass	CASING JOINTS: Glued X Clamped Welded Threaded
Blank casing diameter 5 in. to 50.9 ft., Dia in. to ft., Dia in. to ft. Casing height above land surface 20 in., weight 160 lbs./ft. Wall thickness or gauge No. SDR 26	TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) 12 None used (open hole)	
SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot .035 2 Louvered shutter 4 Key punched	5 Gauzed wrapped 8 Saw cut 11 None (open hole) 6 Wire wrapped 9 Drilled holes 7 Torch cut 10 Other (specify)	
SCREEN-PERFORATED INTERVALS: From 50.9 ft. to 60.9 ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 40 ft. to 60.9 ft., From ft. to ft. From ft. to ft., From ft. to ft.		

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From 6 ft. to 27 ft., From 37 ft. to 40 ft., From ft. to ft.	What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) 13 Insecticide storage
Direction from well? WEST	How many feet? 105

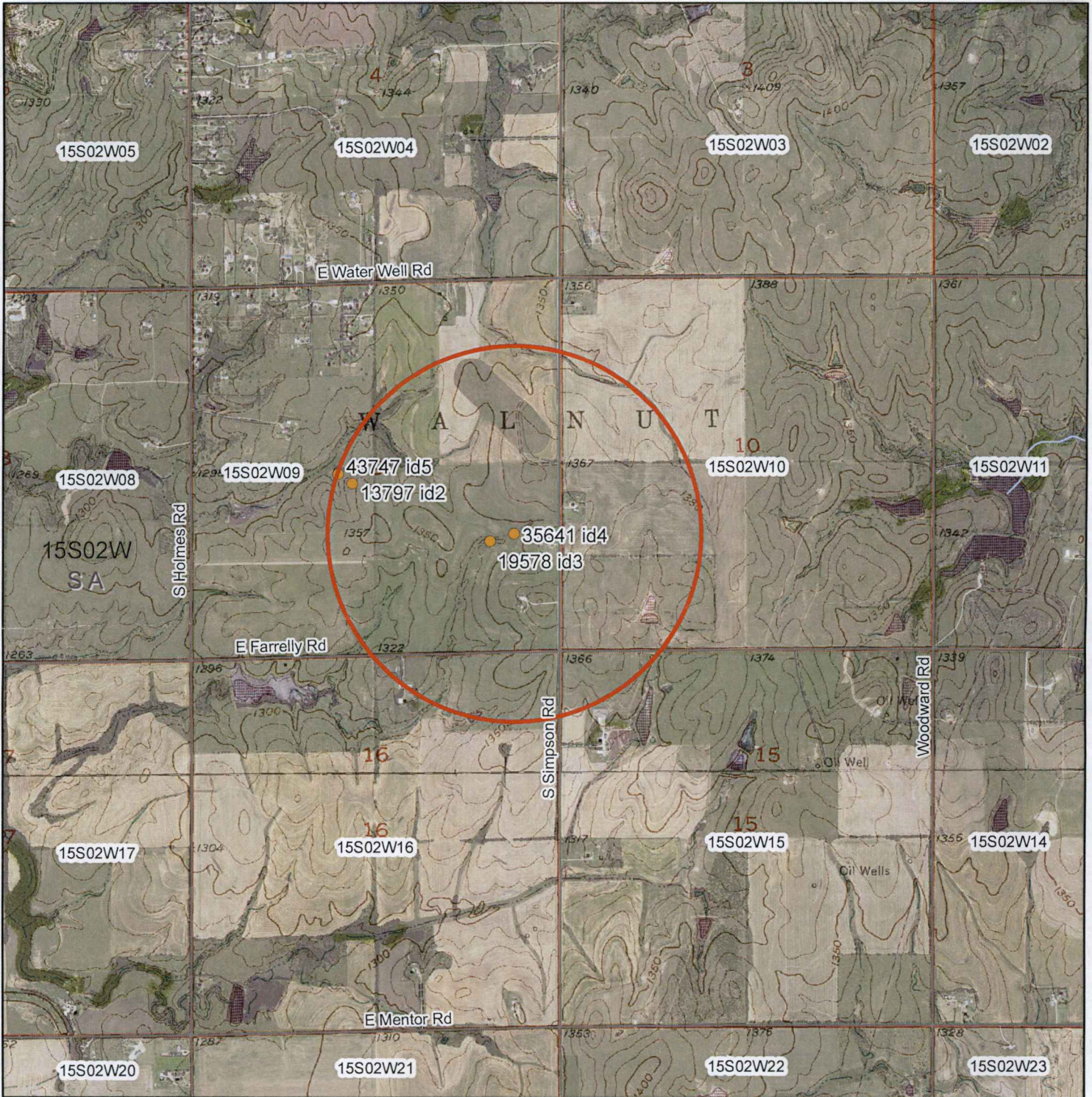
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	FILL DIRT			
2	6	CLAY TAN			
6	14	SANDSTONE RED SOFT			
14	61	SANDSTONE TAN SOFT			
61		SHALE GRAY HARD			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1) constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 8-3-98 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 388 This Water Well Record was completed on (mo/day/yr) 8-3-98 under the business name of PESTINGER PUMP SERVICE by (signature)
--

OFFICE USE ONLY
T
R
EW
SEC.
1/4
1/4
1/4

New Application - Groundwater
 Assisted by Division of Water Resources
 Stockton Field Office

50105



Authorized Place of Use

▲ Surface Water Point of Diversion

● Groundwater Point of Diversion

1:24,000



1/2 mile radius

Signature Required

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

WATER RESOURCES
 RECEIVED



AUG 13 2018

SCANNED

KS DEPT OF AGRICULTURE

THE STATE OF KANSAS



APPLICATION COMPLETE
12/16/18
Reviewer Bm

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 50105
This item to be completed by the Division of Water Resources.

WATER RESOURCES
RECEIVED

APPLICATION FOR PERMIT TO
APPROPRIATE WATER FOR BENEFICIAL USE

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

AUG 13 2018
12:30
KS DEPT OF AGRICULTURE

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 (Please Print): PAT WELLER SALINE RWD 02
Address: 4756 S KIPP RD
City: GYPSUM State KS Zip Code 67448
Telephone Number: (785) 643-8152

2. The source of water is: surface water in _____ (stream)
OR groundwater in _____ (drainage basin)

Certain streams in Kansas have minimum target flows established by law or may be subject to administration when water is released from storage for use by water assurance district members. If your application is subject to these regulations on the date we receive your application, you will be sent the appropriate form to complete and return to the Division of Water Resources.

3. The maximum quantity of water desired is 15.34 acre-feet OR 5 MGY gallons per calendar year, to be diverted at a maximum rate of 50 gallons per minute OR _____ cubic feet per second.

Once your application has been assigned a priority, the requested maximum rate of diversion and maximum requested quantity of water under that priority number can **NOT** be increased. Please be certain your requested maximum rate of diversion and maximum quantity of water are appropriate and reasonable for your proposed project and are in agreement with the Division of Water Resources' requirements.

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 (l) Fire Protection
(m) Thermal Exchange (n) Contamination Remediation

YOU **MUST** COMPLETE AND ATTACH ADDITIONAL DIVISION OF WATER RESOURCES FORM(S) PROVIDING INFORMATION TO SUBSTANTIATE YOUR REQUEST FOR THE AMOUNT OF WATER FOR THE INTENDED USE REFERENCED ABOVE.

For Office Use Only:
F.O. 3 GMD 0 Meets K.A.R. 5-3-1 (YES / NO) Use MUN Source G / S County SA By AW Date 8/13/18
Code REG Fee \$ 200 TR # _____ Receipt Date 8/13/18 Check # 4780

SCANNED 8/22/2018 CM

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

Note: For the application to be accepted, the point of diversion location must be described to at least a 10 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 SE quarter of the NE quarter of the SE quarter of Section 9, more particularly described as being near a point 1660 feet North and 500 feet West of the Southeast corner of said section, in Township 15 South, Range 2 WEST, SALINE County, Kansas.

(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 _____ 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.

If the source of supply is groundwater, a separate application shall be filed for each proposed well or battery of wells, except that a single application may include up to four wells within a circle with a quarter (1/4) mile radius in the same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well.

A battery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than four wells in the same local source of supply within a 300 foot radius circle which are being operated by pumps not to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a common distribution system.

6. The owner of the point of diversion, if other than the applicant is (please print):

SALINE 2 RWD Kipp Ks 785-531-4404
536-4508
(name, address and telephone number)

(name, address and telephone number)

You must provide evidence of legal access to, or control of, the point of diversion from the landowner or the landowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document with 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 August, 2019. Pat Wells
Applicant's Signature

The applicant must provide the required information or signature irrespective of whether they are the landowner. Failure to complete this portion of the application will cause it to be unacceptable for filing and the application will be returned to the applicant.

7. The proposed project for diversion of water will consist of 1 WELL ALREADY AUTHORIZED UNDER 35641
(number of wells, pumps or dams, etc.)
and WAS completed (by) 04-06-81
(Month/Day/Year - each was or will be completed)

8. The first actual application of water for the proposed beneficial use was or is estimated to be 01/01/19
(Mo/Day/Year)

chlorine

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 _____
- If no, explain here why a Water Structures permit is not required _____

11. The application must 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 1/2 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 1/2 mile, please advise us.
- (c) If the application is for surface water, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 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.

THIS POINT OF DIVERSION ALSO AUTHORIZES FILE 35,641. THIS APPLICATION PROPOSES TO
ADD 5 MGY AND 50 GPM ADD RATE AND QTY. CONCURRENTLY THERE WILL BE CHANGES FILED
TO CONVERT NEARBY FILES 13,797 & 43,747 INTO A BATT OF 2 WELLS. THAT WILL BE
INDEPENDENT OF THIS NEW APPLICATION.

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13. Furnish the following well information if the proposed appropriation is for the use of groundwater. If the well has not been completed, give information obtained from test holes, if available.

Information below is from: Test holes Well as completed Drillers log attached

Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
Date Drilled	04/06/81	_____	_____	_____
Total depth of well	56	_____	_____	_____
Depth to water bearing formation	9	_____	_____	_____
Depth to static water level	23	_____	_____	_____
Depth to bottom of pump intake pipe	_____	_____	_____	_____

14. The relationship of the applicant to the proposed place where the water will be used is that of

AGENT
(owner, tenant, agent or otherwise)

15. The owner(s) of the property where the water is used, if other than the applicant, is (please print): 4404

SALINE CO RWD #2 Kipp Ks 785-536-4508
(name, address and telephone number)

(name, address and telephone number)

16. The undersigned states that the information set forth above is true to the best of his/her knowledge and that this application is submitted in good faith.

Dated at _____, Kansas, this _____ day of _____, _____.
(month) (year)

Pat Weller
(Applicant Signature)

By _____
(Agent or Officer Signature)

PAT WELLER
(Agent or Officer - Please Print)

Assisted by M BILLINGER ASST WATER COMMISS Date: 07/19/18
(office/title)

50105

FEE SCHEDULE

1. The fee for an application for a permit to appropriate water for beneficial use, except for domestic use, shall be (see paragraph No. 2 below if requesting storage):

ACRE-FEET	FEE
0-100	\$200.00
101-320	\$300.00
More than 320	\$300.00 plus \$20.00 for each additional 100 acre-feet or any part thereof.

2. The fee for an application in which storage is requested, except for domestic use, shall be:

ACRE-FEET	FEE
0-250	\$200.00
More than 250	\$200.00 plus \$20.00 for each additional 250 acre-feet of storage or any part thereof.

Note: If an application requests both direct use *and* storage, the fee charged shall be as determined under No. 1 or No. 2 above, whichever is greater, but not both fees.

3. The fee for an application for a permit to appropriate water for water power or dewatering purposes shall be \$100.00 plus \$200.00 for each 100 cubic feet per second, or part thereof, of the diversion rate requested.

Note: The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works for diversion has been completed, except that for applications filed on or after July 1, 2009, for works constructed for sediment control use and for evaporation from a groundwater pit for industrial use shall be accompanied by a field inspection fee of \$200.00.

MAKE CHECKS PAYABLE TO THE KANSAS DEPARTMENT OF AGRICULTURE

ATTENTION

A Water Conservation Plan may be required per K.S.A. 82a-733. A statement that your application for permit to appropriate water may be subject to the minimum desirable streamflow requirements per K.S.A. 82a-703a, b, and c may also be required from you. After the Division of Water Resources has had the opportunity to review your application, you will be notified whether or not you will need to submit a Water Conservation Plan. You also may be required to install a water flow meter or water stage measuring device on your diversion works prior to diverting water. There may be other special conditions or Groundwater Management District regulations that you will need to comply with if this application is approved.

CONVERSION FACTORS

1 acre-foot equals 325,851 gallons

1 million gallons equal 3.07 acre-feet

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Applicant's Name SALINE 2 RWD
(Please Print)

MUNICIPAL (PUBLIC WATER SUPPLY) APPLICATION SUPPLEMENTAL INFORMATION SHEET

Application File Number

(assigned by DWR)

SECTION 1: PRESENT WATER USE SUMMARY (IF NO PREVIOUS MUNICIPAL WATER USE HAS BEEN UTILIZED, PROCEED TO SECTION 3)
NOTE: WORKSHEET FOR WATER PUMPED, PURCHASED, AND SOLD BY YOUR WATER DISTRIBUTION SYSTEM.

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
Raw Water Diverted Under Your Rights	Water Purchased From All Sources	Water Sold to Other Public Water Suppliers	Water Sold to Your Industrial, Stock, and Bulk Customers	Water Sold to Your Residential and Commercial Customers	Other Metered Water	Remaining Water Used (See Below Explanation)
TOTAL WATER = Columns 1 + 2		ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6				UNACCOUNTED FOR WATER

UNACCOUNTED FOR WATER = TOTAL WATER - ACCOUNTED FOR WATER

- Column 1: The amount of raw water diverted from all of your points of diversion.
- Column 2: The amount of water purchased wholesale from all other public water supply systems or the Kansas Water Office.
- Column 3: The amount of water sold wholesale to all other public water supply systems.
- Column 4: The amount of water sold retail to all industrial, pasture, stockwater, feedlot, and bulk water service connections. Include the amount of water sold to all farmsteads using at least 200,000 gallons of water per year.
- Column 5: The amount of water sold retail to your residential and commercial customers and to industries and farmsteads using less than 200,000 gallons of water per year.
- Column 6: The amount of water used that is metered at individual service connections and supplied free, such as for public service, treatment processes, and connections receiving free water.
- Column 7: The amount of remaining water used. The gallons reported in this column are found by adding the numbers in Columns 1 and 2 and subtracting the numbers in Columns 3, 4, 5, and 6.

UNACCOUNTED FOR WATER

Use the following to calculate your distribution system's Unaccounted For Water:
Start with the amount in Column 1 and add the amount in Column 2, then subtract the amounts in Columns 3, 4, 5, and 6 leaving an amount of water representing your unaccounted for water to enter in Column 7.

Use the following to calculate the percent Unaccounted For Water versus the Total Water of your system:

$$\text{Percent Unaccounted For Water} = \frac{\text{Unaccounted For Water}}{\text{Total Water (Columns 1,2)}} \times 100$$

If this number exceeds 20%, please explain the large amount of unaccounted for water and describe any steps being taken to reduce it.

SECTION 2: PAST WATER USE

COMPLETE THE FOLLOWING TABLE FROM YOUR PAST WATER USE RECORDS.

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
	Raw Water Diverted Under Your Rights	Water Purchased From All Sources	Water Sold to Other Public Water Suppliers	Water Sold to Your Industrial, Stock, and Bulk Customers	Water Sold to Your Residential and Commercial Customers	Other Metered Water	Remaining Water Used (See Above Explanation)
20 years ago	29798	0	0	1338	14325		14131
16 years ago	23182	0	0	1336	15767		6139
10 years ago	17060	0	0	14100	← combined		2900
7 years ago	21000	0	0	1279	15104		4722
	TOTAL WATER = Columns 1 + 2		ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6				UNACCOUNTED FOR WATER

KEEPER OF AGRICULTURE
APR 1 10 10
WATER RESOURCES
DIVISION

50105

SECTION 3: PROJECTED FUTURE WATER NEEDS

PLEASE COMPLETE THE FOLLOWING TABLE SHOWING YOUR FUTURE WATER REQUIREMENTS FOR THE NEXT 20 YEARS:

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
	Raw Water Diverted Under Your Rights	Water Purchased From All Sources	Water Sold to Other Public Water Suppliers	Water Sold to Your Industrial, Stock, and Bulk Customers	Water Sold to Your Residential and Commercial Customers	Other Metered Water	Remaining Water Used (See Explanation on other side)
Year 5							
Year 10							
Year 15							
Year 20							
	TOTAL WATER = Columns 1 + 2		ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6			UNACCOUNTED FOR WATER	

SECTION 4: POPULATION AND SERVICE CONNECTIONS

ESTIMATE THE NUMBER OF PERSONS DIRECTLY SERVED BY YOUR WATER DISTRIBUTION SYSTEM

PAST POPULATION - PROVIDE INFORMATION BELOW:
(CENSUS BUREAU INFORMATION)

LAST 20 YEARS	POPULATION
20 years ago	
15 years ago	
10 years ago	
5 years ago	
Last Year	

water hookup

PROJECTED FUTURE POPULATION

ESTIMATE FUTURE POPULATION AND SUBSTANTIATE NUMBERS ON SEPARATE ATTACHMENTS

NEXT 20 YEARS	POPULATION
Year 5	
Year 10	
Year 15	
Year 20	

Provide number of current active service connections:

_____ Residential _____ Industrial _____ Other (specify) _____
 _____ Commercial _____ Pasture/ Stockwater/ Feedlot Total

SECTION 5: PRESENT GALLONS PER PERSON PER DAY

CALCULATE YOUR GALLONS PER PERSON PER DAY

Water in Columns 5, 6, and 7 ÷ Population ÷ 365 Days/Year = Gallons per Person per Day

_____ ÷ _____ ÷ 365 Days/Year = _____ GALLONS PER PERSON PER DAY.
 Amount of water in Columns 5, 6, and 7 of Section 1 Population from Last Year of Section 4

SECTION 6: AREA TO BE SERVED

Describe the area to be served or provide the legal description of the location where the water is to be used including any other city of water supply system (i.e. Rural Water District): _____

You may attach additional information you believe will assist in informing the Division of the need for your request.

(Date)

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

Re: Application
File No. 50105

Minimum Desirable Streamflow

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.

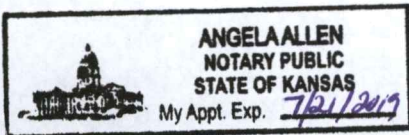
I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.

Pat Weller
Signature of Applicant

State of Kansas)
County of SALINE) ss

PAT WELLER
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 10 day of July, 2018.



* [Signature]
Notary Public

My Commission Expires: 07/21/2019

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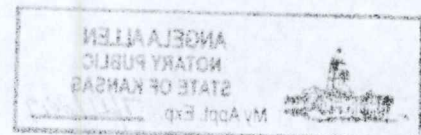
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**MINIMUM DESIRABLE STREAMFLOW FORM TO BE USED WHEN
APPLICABLE WHEN FILING AN APPLICATION FOR PERMIT
TO APPROPRIATE WATER FOR BENEFICIAL USE**

The Kansas Legislature has established minimum desirable streamflows for the streams listed below. If your proposed diversion of water is going to be from one of these watercourses or adjacent alluvial aquifers, please complete the back side of this page and submit it along with your application for permit to appropriate water.

Arkansas River
Big Blue River
Chapman Creek
Chikaskia River
Cottonwood River
Delaware River
Little Arkansas River
Little Blue River
Marais des Cygnes River
Medicine Lodge River
Mill Creek (Wabaunsee Co. area)
Neosho River

Ninnescah River
North Fork Ninnescah River
Rattlesnake Creek
Republican River
Saline River
Smoky Hill River
Solomon River
South Fork Ninnescah
Spring River
Walnut River
Whitewater River



50105

WATER WELL RECORD Form WWC-5 KSA 82a-1212

(copy)

1 LOCATION OF WATER WELL
 County: SALINE Fraction: SW 1/4 NE 1/4 SE 1/4 Section Number: 9 Township Number: T 15 S Range Number: R 2 W
 Distance and direction from nearest town or city? 2 mi E. AND 2 mi S of SALINA KS. Street address of well if located within city?

2 WATER WELL OWNER: RURAL WATER DIST. #2 (SALINE COUNTY) WELL #5
 RR#, St. Address, Box #: 40 DEAN SEIM RT#3 Box 153 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: SALINA, KS, 67401 Application Number: PERMIT APPROVED BUT NO PERMIT RECEIVED

3 DEPTH OF COMPLETED WELL: 56 ft. Bore Hole Diameter: 30 in. to ... ft. and ... in. to ...
 Well Water to be used as:
 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 Well's static water level: 2.3 ft. below land surface measured on 4 month 6 day 81 year
 Pump Test Data: Well water was 4.5 ft. after 8 hours pumping 50 gpm
 Est. Yield 55 gpm: Well water was ... ft. after ... hours pumping ... gpm

4 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile Casing Joints: Glued Clamped
 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing dia: 12 in. to 26 ft. Dia. in. to ... ft. Dia. in. to ... ft.
 Casing height above land surface: 36 in., weight 5.60 lbs./ft. Wall thickness or gauge No. 606
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) 12 None used (open hole)
 Screen or Perforation Openings Are:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) ...
 Screen-Perforation Dia: 12 in. to 56 ft. Dia. in. to ... ft. Dia. in. to ... ft.
 Screen-Perforated Intervals: From 26 ft. to 56 ft., From ... ft. to ... ft.
 Gravel Pack Intervals: From 25 ft. to 56 ft., From ... ft. to ... ft.

5 GROUT MATERIAL: 1 Neat cement Cement grout 3 Bentonite 4 Other
 Grouted Intervals: From 0 ft. to 20 ft., From ... ft. to ... ft., From ... ft. to ... ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Cess pool 7 Sewage lagoon 10 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Seepage pit 8 Feed yard 11 Fertilizer storage 15 Oil well/Gas well
 3 Lateral lines 6 Pit privy 9 Livestock pens 12 Insecticide storage 16 Other (specify below)
 13 Watertight sewer lines
 Direction from well: NONE WITHIN 1/4 MILE How many feet ...? Water Well Disinfected? Yes No
 Was a chemical/bacteriological sample submitted to Department? Yes No If yes, date sample was submitted ... month ... day ... year: Pump Installed? Yes No
 If Yes: Pump Manufacturer's name ... Model No. ... HP ... Volts ...
 Depth of Pump Intake ... ft. Pumps Capacity rated at ... gal./min.
 Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on 4 month 6 day 81 year
 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 138
 This Water Well Record was completed on 4 month 20 day 81 year under the business name of PETERSON IRRIGATION INC. by (signature) Mike Peterson

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	FROM		TO		LITHOLOGIC LOG		FROM		TO		LITHOLOGIC LOG	
	0	4	4	9	SANDY TOP SOIL							
	9	18	18	30	RED SANDY CLAY							
	18	30	30	54	RED SOFT SANDSTONE							
	30	54	54	56	BROWN SOFT SANDSTONE							
	54	56	56	56 1/2	LIGHT BROWN SANDSTONE							
	56	56 1/2	56 1/2	56 1/2	SANDSTONE + GRAY SHALE							
					HARD GRAY SHALE							

ELEVATION: Depth(s) Groundwater Encountered 1. 2.3 ft. 2. ... ft. 3. ... ft. 4. ... ft. (Use a second sheet if needed)

INSTRUCTIONS: Use typewriter or ball point pen, please press firmly and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

SCANNED

OFFICE USE ONLY
T 15
R 2
BND
SEC. 9
SW 1/4 NE 1/4 SE 1/4

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10/14/41



2102

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

PAT WELLER
SALINE RWD 2
4756 S KIPP RD
GYPSUM, KS 67448

8/21/2018

RE: Application, File No. **50105**

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 Stockton Field Office at 785-425-6787. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kristen A. Baum
New Application Unit Supervisor
Division of Water Resources

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