

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

1. File Number: <p style="text-align: center;">49,992</p>	2. Status Change Date: <p style="text-align: center;"><i>7/31/2018</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

7a. Applicant(s) Person ID **65957**
New to system Add Seq# _____

**DICK WALSH
910 N 4TH
HEBRON NE 68370**

7b. Landowner(s) Person ID _____
New to system Add Seq# _____

7a

7c. Landowner(s) Person ID _____
New to system Add Seq# _____

7d. Misc. Person ID _____
New to system Add Seq# _____

8. WUR Correspondent Person ID _____
New to system Add Seq# _____
Overlap File (s) WUC Notarized WUC Form
Agree Yes No

7a.

9. Use of Water: Changing? Yes No

Groundwater Surface Water

IRR REC DEW MUN

STK SED DOM CON

HYD DRG WTR PWR ART RECHRG

IND SIC: _____ OTHER: _____

10. Completion Date: **12/31/2019** 11. Perfection Date: **12/31/2023** 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: **7/10/2018** By: **DWS**
Date Entered: *8/1/2018* By: *LLM*

File No. **49,992** 15. Formation Code: **330** Drainage Basin: **SOLOMON RIVER** County: **CD** Special Use: Stream:

16. Points of Diversion										17. Rate and Quantity					
MOD	DEL	ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	Authorized		Additional		Overlap PD Files
											Rate gpm	Quantity af	Rate gpm	Quantity af	
MOD	46743	NW SW NE	19	8	4W	2	3930	2425			800	208	800	208	NONE

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

19. Limitation: _____ af/yr 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 **12/31/2019** Date Acceptable Meter Installed _____

21. Place of Use							NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg? NO	Overlap Files		
MOD	DEL	ENT	PUSE	S	T	R	ID	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					
√	68753	19	8	4W	3	40	40	40	40															160	7a.	NO	NONE	

Comments:

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources
M E M O R A N D U M

TO: Files

DATE: July 10, 2018

FROM: Doug Schemm

RE: Application, File No. 49,992

Dick Walsh has filed the above referenced new application to appropriate 208 acre-feet of groundwater at a diversion rate of 800 gallons per minute for irrigation use, from a single well. The applicant had initially considered a battery of four wells, with 60 days to locate. However the application was amended by the applicant prior to submittal to indicate only a single, existing well. The well was drilled many years ago under File No. 28,102, which was dismissed on June 6, 1988. The place of use is wholly owned by the applicant, and it comprises 160 acres. The well is located in the Northeast Quarter of Section 19, Township 8 South, Range 4 West, in Cloud County. The requested quantity of water of 208 acre-feet, is the maximum allowable to irrigate the proposed 160 acres (1.3 Acre-Feet per acre is the maximum allowed in Cloud County).

The source of water for the pending application appears to be the unconfined Dakota aquifer system based on nearby well logs and geographical location of the well. The nearest well (Hurley domestic well in the Southeast Quarter of Section 19), shows sandstone extending from 15 feet to 72 feet below ground surface, ending on clay to a total depth of 77 feet. Static water level was 30 feet. No well log was submitted with the application, but information on the application states the existing well has a total depth of 79.5 feet, depth to water bearing formation of 26 feet and static water level of 28 feet. This would further indicate these wells are located in a similar formation.

Other nearby wells sourcing the unconfined Dakota aquifer system within the two-mile circle generally have depths to top of the sandstone aquifer of 30 feet or less, and have static water levels at or below top of the sandstone aquifer, also supporting the unconfined Dakota aquifer system extends to the Northeast from this application. However, the Solomon River and associated alluvium extend throughout the Southwestern portion of the circle. K.A.R. 5-3-11 applies to safe yield evaluations for all unconfined aquifers. One of the specific criteria is to determine the extent of the unconfined aquifer, which as discussed above, it was determined that a portion of the two mile circle containing alluvium be excluded, providing 5,703 acres. Safe yield was determined to be 855.41 acre-feet, there are no existing appropriations, leaving 855.41 acre-feet available, and this application requesting 208 acre-feet meets safe yield.

The applicant did not identify any known wells within one-half mile of the proposed point of diversion. A review of aerial photograph and WWC-5 database also indicates that there are no nearby domestic wells (i.e. no visible houses or windmills), within ½ mile. Therefore, no nearby well owner letters are required, and the point of diversion complies with well spacing criteria for the unconfined Dakota aquifer system of one-quarter mile to domestic wells and one-half mile to non-domestic wells. The nearest non-domestic well is over 10,000 feet away.

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.

In a July 10, 2018 e-mail, Kelly Stewart, Water Commissioner, Stockton Field Office, recommended approval of the referenced application. Based on the above discussion, well spacing and safe yield criteria are met, 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 application be approved.

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

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

DICK WALSH
910 N 4TH
HEBRON NE 68370

August 3, 2018
FILE COPY

RE: Appropriation of Water, File No. 49,992

Dear Mr. Walsh:

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 this permit.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this permit. A water meter is required on the 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 a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

A handwritten signature in black ink that reads "Kristen A. Baum".

Kristen A. Baum
New Application Unit Supervisor
Water Appropriation Program

KAB: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. 49,992** of the applicant

**DICK WALSH
910 N 4TH
HEBRON NE 68370**

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 **February 8, 2018**.
2. That the water sought to be appropriated shall be used for irrigation use on land described in the application, as follows:

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
19	8S	4W	40	40	40	40													160

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 Northwest Quarter of the Southwest Quarter of the Northeast Quarter (NW¼ SW¼ NE¼) of Section 19, more particularly described as being near a point 3,930 feet North and 2,425 feet West of the Southeast corner of said section, in Township 8 South, Range 4 West, Cloud 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 **800 gallons per minute (1.78 c.f.s.)** and to a quantity not to exceed **208 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, 2019** 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, 2023** 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 all wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this permit shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a condition satisfactory to the Chief Engineer.
13. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance with 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).
14. 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.
15. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.
16. 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.

17. 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.

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 31st day of July, 2018, in Topeka, Shawnee County, Kansas.

Lane P. Letourneau

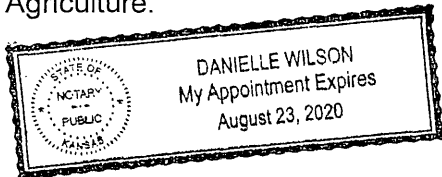
Lane P. Letourneau, P.G.
Program Manager
Water Appropriation Program
Division of Water Resources
Kansas Department of Agriculture

State of Kansas)
) SS
County of Riley)

The foregoing instrument was acknowledged before me this 31st day of July, 2018, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.

Danielle Wilson

Notary Public



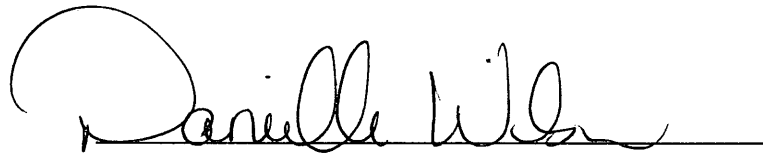
CERTIFICATE OF SERVICE

On this 3rd day of August, 2018, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 49,992, dated July 31st, 2018 was mailed postage prepaid, first class, US mail to the following:

DICK WALSH
910 N 4TH
HEBRON NE 68370

With photocopies to:

Stockton Field Office

A handwritten signature in cursive script that reads "Danielle Walsh". The signature is written in black ink and is positioned above a horizontal line.

Division of Water Resources

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49992
This item to be completed by the Division of Water Resources.

WATER RESOURCES RECEIVED

FEB 08 2018
12:17
KS DEPT OF AGRICULTURE

APPLICATION COMPLETE
7/10/18
Reviewer KAB For DWS

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.)



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

1. Name of Applicant (Please Print): Dick Walsh
Address: 910 N 4th
City: Hebron State NE Zip Code 68370
Telephone Number: (402) 768-3395

2. The source of water is: surface water in _____ (stream)
OR groundwater in Solomon River (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 208 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 800 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. <u>3</u> GMD <input checked="" type="radio"/>		Meets K.A.R. 5-3-1 (YES/NO) Use <u>IRR</u>		Source <input checked="" type="radio"/> S County <u>CD</u>		By <u>ANN</u> Date <u>2/10/18</u>	
Code <u>RE2</u>		Fee \$ <u>300</u>		TR # _____		Receipt Date <u>2/18/18</u>		Check # <u>8874</u>	

SCANNED

2/20/2018 UM

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. ****REQUESTING 60 DAYS TO LOCATE**

only well to be used

- (A) ~~Battery of 4 wells w/ Geo Center in the W2 of the W2 of the NE quarter of Section 19, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township 8 South, Range 4 West, Cloud County, Kansas.~~
- (B) One in the NC OF THE W2 of the W2 of the NE quarter of Section 19, more particularly described as being near a point 3930 feet North and 2425 feet West of the Southeast corner of said section, in Township 08 South, Range 04 West, Cloud 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):

 (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 _____, 20____.

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 ~~battery of up to 4 wells~~ one well and (will be) completed (by) Previously completed (number of wells, pumps or dams, etc.)
 (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 May 2018 if possible
 (Mo/Day/Year)

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49992
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.)

FEB 08 2018
12:17
KS DEPT OF AGRICULTURE



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

1. Name of Applicant (Please Print): Dick Walsh
Address: 910 N 4th
City: Hebron State NE Zip Code 68370
Telephone Number: (402) 768-3395

2. The source of water is: surface water in _____ (stream)
OR groundwater in Solomon River (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 208 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 800 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 IRR Source GS County CD By AW Date 2/8/18
Code RE2 Fee \$ 300 TR # _____ Receipt Date 2/8/18 Check # 8874

2/20/2018 ULM

* per feet distances. DWS/DWR
7/10/2018

File No. 49,992

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. ****REQUESTING 60 DAYS TO LOCATE**

(A) ~~Battery of 4 wells w/ Geo Center in the W2 of the W2 of the NE quarter of Section 19, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township 8 South, Range 4 West, Cloud _____ County, Kansas.~~

only well to be used →

(B)* One in the ~~NE~~ ^{NW} ~~OF THE W2~~ ^{SW} of the W2 of the NE quarter of Section 19, more particularly described as being near a point 3930 feet North and 2425 feet West of the Southeast corner of said section, in Township 08 South, Range 04 West, Cloud _____ 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.

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(name, address and telephone number)

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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 _____, 20____ 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 ~~battery of up to 4 wells~~ one well
(number of wells, pumps or dams, etc.)

and (will be) completed (by) Previously completed
(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 May 2018 if possible
(Mo/Day/Year)

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 N/A
- 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.

~~Applicant proposes to use well previously authorized under dismissed file 28102 as one well of battery and requests additional 60 days to drill test holes~~

Using previously authorized well

WATER RESOURCES RECEIVED

FEB 08 2018

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	<u>12/1/1976</u>	_____	_____	_____
Total depth of well	<u>79.5'</u>	_____	_____	_____
Depth to water bearing formation	<u>26'</u>	_____	_____	_____
Depth to static water level	<u>28'</u>	_____	_____	_____
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 owner
(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):

(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 Hebron, ~~Kansas~~ Nebraska, this 5 day of Feb, 2018.
(month) (year)

Steve Walsh
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

IRRIGATION USE SUPPLEMENTAL SHEET

File No. 49992

Name of Applicant (Please Print): Dick Walsh

1. Please supply the name and address of each landowner, the legal description of the lands to be irrigated, and designate the actual number of acres to be irrigated in each forty acre tract or fractional portion thereof:

Landowner of Record NAME: Dick Walsh

ADDRESS: 910 N 4th Hebron, NE 68370

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
19	08	04w	40	40	40	40													160

Landowner of Record NAME: _____

ADDRESS: _____

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Landowner of Record NAME: _____

ADDRESS: _____

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

WATER RESOURCES
RECEIVED

FEB 08 2018

2. Please complete the following information for the description of the operation for the irrigation project. Attach supplemental sheets as needed.

a. Indicate the soils in the field(s) and their intake rates:

Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
Crete	52.6		11e
Crete	47.4		11e
Total:	100 %		

b. Estimate the average land slope in the field(s): 3 %

Estimate the maximum land slope in the field(s): 7 %

c. Type of irrigation system you propose to use (check one):

- Center pivot
 Center pivot - LEPA
 "Big gun" sprinkler
 Gravity system (furrows)
 Gravity system (borders)
 Sideroll sprinkler

Other, please describe: _____

d. System design features:

i. Describe how you will control tailwater:

ii. For sprinkler systems:

(1) Estimate the operating pressure at the distribution system: 40 psi

(2) What is the sprinkler package design rate? 425 gpm

(3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? _____ feet unknown at this time

(4) Please include a copy of the sprinkler package design information.

e. Crop(s) you intend to irrigate. Please note any planned crop rotations:

Corn, Soybean, Sorghum - rotation as needed
maybe wheat

f. Please describe how you will determine when to irrigate and how much water to apply (particularly important if you do not plan a full irrigation).

Moisture Blocks, and crop stage

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

49,992

Schemm, Doug [KDA]

From: Stewart, Kelly [KDA]
Sent: Tuesday, July 10, 2018 7:36 AM
To: Schemm, Doug [KDA]
Cc: Billinger, Mark [KDA]; Hageman, Rebecca [KDA]
Subject: RE: 49,992 Dick Walsh

Doug,

I have no objection to the approval of this application.

Kelly

From: Schemm, Doug [KDA]
Sent: Monday, July 9, 2018 3:54 PM
To: Stewart, Kelly [KDA] <Kelly.Stewart@ks.gov>
Cc: Billinger, Mark [KDA] <Mark.Billinger@ks.gov>
Subject: 49,992 Dick Walsh

Hello Stockton,
Unconfined Dakota. Mr. Walsh is senior application in the area.
Please provide recommendation.
Thanks, Doug

Analysis Results

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

The safe yield based on the variables listed below is 855.41 AF.

Total prior appropriations in the circle is 416.00 AF. $-416 = 0$

Total quantity of water available for appropriation is ~~439.41~~ AF.

855.41 AF

49,992

meets safe
yield

Safe Yield Variables

The area used for the analysis is set at 5,703 acres.

The potential annual recharge at the circle center is estimated to be 2.4 inches.

The percent of recharge available for appropriation is 75%.

Authorized Quantity values are as of 09-JUL-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 2 water rights and 2 points of diversion within the circle.

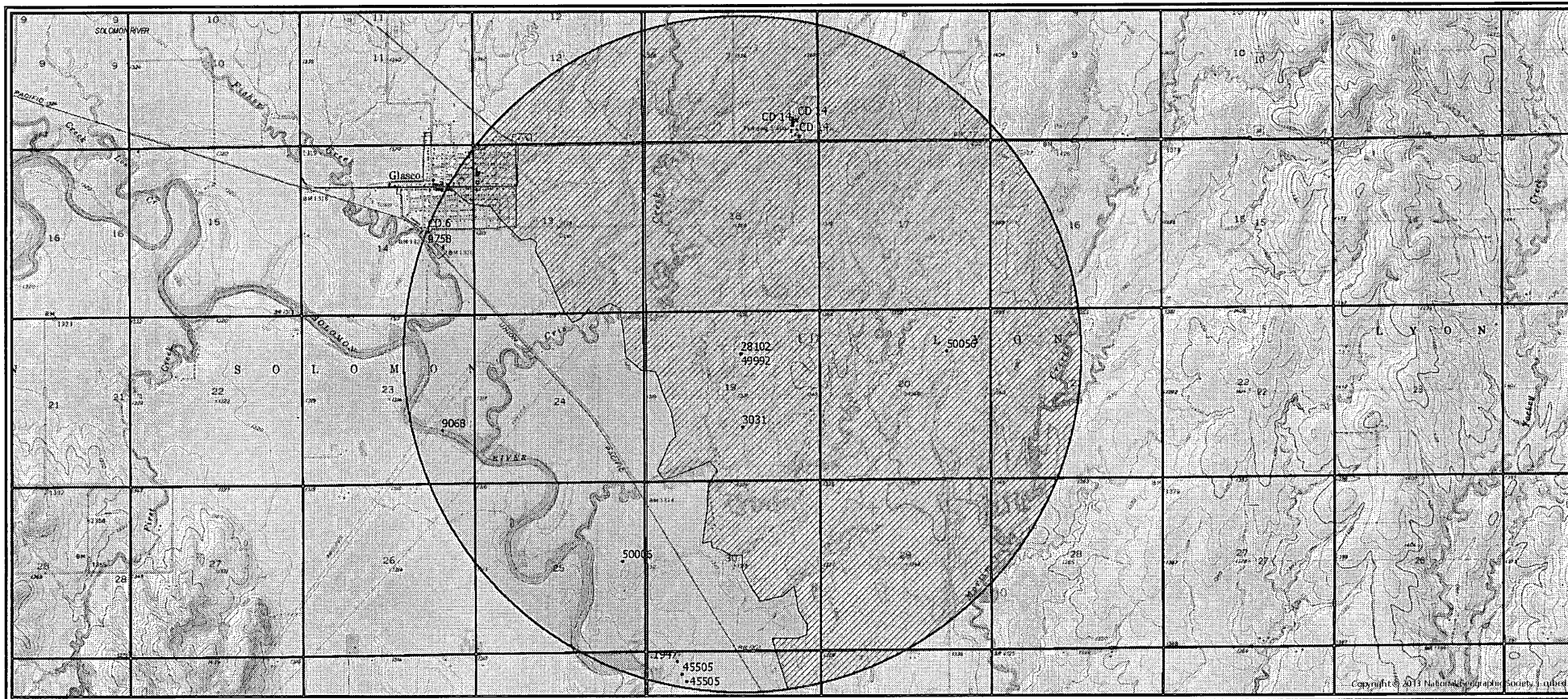
File Number	Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth Quant	Add Quant	Tot Acres	Net Acres
A 49992 00	IRR	AY	G	NC	W2	W2	NE	3930	2425	19	08	04W	2	WR	208.00	208.00	160.00	160.00
A 50056 00	IRR	AY	G		NE			3960	1320	20	08	04W	1	WR	208.00	208.00	160.00	160.00

Safe Yield Report Sheet

Water Right- A4999200

Point of Diversion in 19-08S-04W

Footages from SE corner- 3,930 feet North 2,425 feet West



AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A 49992 00

#####

AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A 49992 00 IRR

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

3930 Feet North and 2425 Feet West of the Southeast Corner of Section 19 T 8S R 4W

GROUNDWATER ONLY

```

=====
File Number   Use ST SR Dist (ft) Q4 Q3 Q2 Q1 FeetN FeetW Sec Twp Rng ID Batt Auth_Quan Add_Quan Unit
A__  9758 00 MUN NK G      10517 -- NE NW SE 2615 1422 14 8 5W 3      89.21 89.21 AF
A__  45505 00 IRR NK G      10361 -- SE NW NW 4350 4153 31 8 4W 7 G 2 100.00 100.00 AF
Same          10151 -- SE NW NW 4590 4304 31 8 4W 5 B 2
A__  49992 00 IRR AY G          0 NC W2 W2 NE 3930 2425 19 8 4W 2      208.00 208.00 AF
A__  50006 00 IRR AY G      7446 -- -- -- E2 2805 660 25 8 5W 1      230.00 230.00 AF
A__  50056 00 IRR AY G      6392 -- NE -- -- 3960 1320 20 8 4W 1      208.00 208.00 AF
VCD      6 00 MUN AA G      10517 -- NE NW SE 2615 1422 14 8 5W 3      76.72 76.72 AF
=====
    
```

```

=====
Total Net Quantities Authorized:   Direct      Storage
Total Requested Amount (AF) =      646.00          .00
Total Permitted Amount (AF) =          .00          .00
Total Inspected Amount (AF) =          .00          .00
Total Pro_Cert Amount (AF) =          .00          .00
Total Certified Amount (AF) =      189.21          .00
Total Vested Amount (AF) =          76.72          .00
TOTAL AMOUNT (AF) =          911.94          .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:

3930 Feet North and 2425 Feet West of the Southeast Corner of Section 19 T 8S R 4W

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

```

=====
File Number   Use ST SR
A__  9758 00 MUN NK G
> CITY OF GLASCO
> % CITY CLERK
> PO BOX 356
> GLASCO KS 67445
>-----
A__  45505 00 IRR NK G
> JUSTIN SCHMIDT
>
> 424 N 90TH RD
> GLASCO KS 67445
>-----
A__  49992 00 IRR AY G
> DICK WALSH
>
> 910 N 4TH
> HEBRON NE 68370
    
```

>-----
A__ 50006 00 IRR AY G
> JUSTIN SCHMIDT
>
> 424 N 90TH RD
> GLASCO KS 67445

>-----
A__ 50056 00 IRR AY G
> DICK WALSH
>
> 910 N 4TH
> HEBRON NE 68370

>-----
VCD 6 00 MUN AA G
> CITY OF GLASCO
> % CITY CLERK
> PO BOX 356
> GLASCO KS 67445
>-----

=====
#####

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

WATER WELL RECORD
KSA 82a-1201-1215

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

1. Location of well:		County CLOUD	Fraction SW 1/4 NE 1/4 SE 1/4	Section number 19	Township number T 8 S R 4 E N	Range number
2. Distance and direction from nearest town or city: 2 E 2 S			3. Owner of well: JAMES HURLEY			
Street address of well location if in city: GLASCO			R.R. or street: ROUTE 1			
			City, state, zip code: GLASCO, KANS 67445			
4. Locate with "X" in section below:		Sketch map:		6. Bore hole dia. 8 in. Completion date 7-18-77		
N		Sketch map:		Well depth 76 ft.		
W				7. <input checked="" type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug		
E				<input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Reverse rotary		
S				8. Use: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public supply <input type="checkbox"/> Industry		
1 Mile				<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 PVC Height: Above or below		
				Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Surface 12 in.		
				RMP <input type="checkbox"/> PVC <input checked="" type="checkbox"/> Weight 3 lbs./ft.		
				Dia 5 in. to 76 ft. depth Wall Thickness: inches or		
				Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth gage No. 250		
5. Type and color of material		From	To	10. Screen: Manufacturer's name PUMPCO		
TOPSOIL		0	3	Type PVC Dia. 5"		
BROWN CLAY		3	15	Slot/gauze 1/16 Length 20'		
SANDROCK		15	72	Set between 56 ft. and 76 ft.		
RED CLAY		72	76	ft. and <input type="checkbox"/> ft.		
STOP		77		Gravel pack? <input checked="" type="checkbox"/> YES Size range of material 1/4x1/4		
				11. Static water level: <input type="checkbox"/> mo./day/yr.		
				30 ft. below land surface Date 7-18-77		
				12. Pumping level below land surfaces:		
				<input type="checkbox"/> ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m.		
				<input type="checkbox"/> ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m.		
				Estimated maximum yield 25 g.p.m.		
				13. Water sample submitted: <input type="checkbox"/> mo./day/yr.		
				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <input type="checkbox"/>		
				14. Well head completion:		
				<input type="checkbox"/> Pitless adapter 12 inches above grade		
				15. Well grouted? <input checked="" type="checkbox"/> YES		
				With: <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Concrete		
				Depth: From 3 ft. to 13 ft.		
				16. Nearest source of possible contamination: SEPTIC TANK		
				ft. 100 Direction EAST Type TANK		
				Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
				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		
18. Elevation: 1342		19. Remarks:		20. Water well contractor's certification:		
Topography:				This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.		
<input type="checkbox"/> Hill				GEO COX + SONS INC 258		
<input type="checkbox"/> Slope				Business name <input type="checkbox"/> License No. <input type="checkbox"/>		
<input checked="" type="checkbox"/> Upland				Address CLIFTON KAN 66927		
<input type="checkbox"/> Valley				Signed James Hurley Date 7-18-77		
				Authorized representative		

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

Form WWC-5

8
 4
 19
 SW NE SE
 Sec 1/4 1/4 1/4

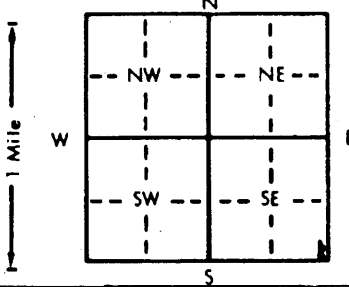
1 LOCATION OF WATER WELL: County: <u>Cloud</u>	Fraction <u>SE 1/4 SE 1/4 SE 1/4</u>	Section Number <u>7</u>	Township Number T <u>8</u> S	Range Number R <u>4</u> EW
---	---	----------------------------	---------------------------------	-------------------------------

Distance and direction from nearest town or city street address of well if located within city?

NEAR CITY OF GLASCO KS

2 WATER WELL OWNER: RR#, St. Address, Box # : City, State, ZIP Code :	<u>Natural Gas Pipeline Co.</u> <u>Glasco</u> <u>Kansas</u>	Well No. <u>5</u> 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: <u>151</u> ft. ELEVATION: <u>1385</u>
Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL <u>5.4</u> ft. below land surface measured on <u>mo/day/yr</u> <u>7/20/90</u>
Pump test data: Well water was <u>69</u> ft. after <u>4</u> hours pumping <u>63</u> gpm
Est. Yield gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter <u>24</u> in. to ft., and in. to 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 <u>Industrial</u> 7 Lawn and garden only 10 Monitoring well
Was a chemical/bacteriological sample submitted to Department? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <input type="checkbox"/> Clamped <input checked="" type="checkbox"/>
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
2 PVC	4 ABS	7 Fiberglass	Welded <input checked="" type="checkbox"/> Threaded <input type="checkbox"/>
Blank casing diameter <u>8</u> in. to <u>130</u> ft., Dia. in. to ft., Dia. in. to ft.			
Casing height above land surface <u>36"</u> in., weight lbs./ft. Wall thickness or gauge No.			
TYPE OF SCREEN OR PERFORATION MATERIAL:	7 PVC	10 Asbestos-cement	
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
SCREEN OR PERFORATION OPENINGS ARE:	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
1 Continuous slot	3 Mill slot	9 Wire wrapped	9 Drilled holes
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify)
SCREEN-PERFORATED INTERVALS:	From <u>130</u> ft. to <u>150</u> ft., From ft. to ft.		
GRAVEL PACK INTERVALS:	From <u>25</u> ft. to <u>151</u> ft., From ft. to ft.		

6 GROUT MATERIAL:	1 Neat cement	2 <u>Cement grout</u>	3 Bentonite	4 Other
Grout Intervals: From <u>25</u> ft. to <u>5</u> 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
	2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage
	3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage
				13 Insecticide storage
				14 Abandoned water well
				15 Oil well/Gas well
				16 Other (specify below)
				<u>NGP FACILITY</u>
Direction from well? <u>N</u>	How many feet? <u>500'</u>			

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	top soil	108	111	gray & tan clay w/sandstone layers
2	4	brown clay	111	149	sandstone w/gray clay layers
4	7	rusty brown clay	149	151	gray clay
7	10	gray rusty clay			
10	24	gray clay w/rusty sandstone			
24	29	rusty red & purple sandstone			
29	43	gray clay/rusty red & brn sandstone			
43	52	gray clay			
52	58	red & gray clay			
58	60	red clay w/sandstone layers			
60	65	gray clay			
65	67	brown clay			
67	97	dark gray clay			
97	106	sandstone w/gray clay layers			
106	108	gray clay w/very fine sand			

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) 7/20/90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 102.W This Water Well Record was completed on (mo/day/yr) 8/22/90 under the business name of Layne-Western Co., Inc., Wichita, Ks. by (signature) [Signature]

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 Protection, Topeka, Kansas 66620-7320. Telephone: 913-296-5514. Send one to WATER WELL OWNER and retain one for your records.

180802068-1

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Cloud	Near 1/4 Center 1/4 NE 1/4	31	T 8 S	R 4 E/W

Distance and direction from nearest town or city street address of well if located within city?

3 miles South & 1-1/4 mile East of Glasco, Ks.

2 WATER WELL OWNER: Jim Dwyer	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box # : 302 N. Cherry St.	Application Number: 45,505
City, State, ZIP Code : Glasco, Ks. 67445	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL 51 ft. ELEVATION:
	Depth(s) Groundwater Encountered 1 ft. 2 ft. 3 ft.
	WELL'S STATIC WATER LEVEL 28 ft. below land surface measured on mo/day/yr 11/3/04 ft.
	Pump test data: Well water was ft. after hours pumping gpm
	Est. Yield 350 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)	
<input checked="" type="checkbox"/> Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well	
Was a chemical/bacteriological sample submitted to Department? Yes No <input checked="" type="checkbox"/> ; If yes, mo/day/yr sample was submitted	
Water Well Disinfected? Yes <input checked="" type="checkbox"/> No	

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
<input checked="" type="checkbox"/> PVC	4 ABS	7 Fiberglass	Welded
Blank casing diameter 1.6 in. to 3.3 ft., Dia in. to ft., Dia in. to ft., Dia	Threaded
Casing height above land surface 12 in., weight lbs./ft. Wall thickness or gauge No. 0.500		
TYPE OF SCREEN OR PERFORATION MATERIAL:			
1 Steel	3 Stainless Steel	5 Fiberglass	<input checked="" type="checkbox"/> PVC
2 Brass	4 Galvanized Steel	6 Concrete tile	8 RMP (SR)
SCREEN OR PERFORATION OPENINGS ARE:			
1 Continuous slot	<input checked="" type="checkbox"/> Mill slot	5 Gauzed wrapped	8 Saw cut
2 Louvered shutter	4 Key punched	6 Wire wrapped	9 Drilled holes
11 None (open hole)			
SCREEN-PERFORATED INTERVALS: From 33 ft. to 51 ft., From ft. to ft.			
GRAVEL PACK INTERVALS: From 21 ft. to 51 ft., From ft. to ft.			

6 GROUT MATERIAL:	1 Neat cement	<input checked="" type="checkbox"/> Cement grout	3 Bentonite	4 Other
Grout Intervals: From 1 ft. to 21 ft., From ft. to ft., From ft. to ft.				
What is the nearest source of possible contamination:				
1 Septic tank	<input checked="" type="checkbox"/> 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)
Direction from well? North			How many feet? 700 ft.	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4	Topsoil			
4	15	Clay, gray/silty			
15	27	Clay, gray			
27	38	Clay, gray/sandy			
38	50	Sand, medium to coarse			
50	51	Limestone			
					RECEIVED
					NOV 29 2004
					BUREAU OF WATER

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 11/3/04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 138 This Water Well Record was completed on (mo/day/yr) 11/10/04 under the business name of Peterson Irrigation, Inc. by (signature) <i>Mike Peterson</i>	
--	--

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.

CORRECTION(S) TO WATER WELL RECORD (WWC-5)
(to rectify lacking or incorrect information)

County: Cloud

Location listed as:

Section-Township-Range: 31-85-4W

Fraction (¼ ¼ ¼): C NE

Location changed to:

31-85-4W

SE NW NW

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: Written & legal descriptions, position on plat map, water rights information in WIMAS database, and mapping tool & aerial photos on KGS website. initials: DR date: 6/19/2012

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

7. The works for diversion of water will consist of one well

(Number of wells, pumps or dams, etc.)

and (was) (will be) completed (by) December 1, 1976
(Date each was or will be completed)

8. The first actual application of water for the beneficial use proposed was or is estimated to be April 1977
(Date)

9. This application shall be accompanied either by a detailed plat prepared from an actual survey or by an aerial photograph of the area.

The plat or aerial photograph shall show: This has been ordered and will be sent on as soon as received.

- (a) Location of the proposed point or points of diversion
- (b) Location of the pipe lines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use
- (c) If for irrigation, show the location of the land proposed to be irrigated
- (d) If for industrial or other use, show the location of the land where water will be used.

10. List any application and describe any vested right which covers the same diversion points or the same land described in this application:

none

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

Information below is from: Test holes () Well as completed (x)

Well location as shown in paragraph No. 2	(A)	(B)	(C)
Date drilled	Dec. 1, 1976		
Total depth of well	79.5 ft.		
Depth to water bearing formation	26 ft.		
Depth to static water level	28 ft.		
Depth to bottom of intake pipe	77.5 ft.		
Type of fuel	deisel		

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 JUL 15 1977
 FIELD OFFICE
 DIVISION OF WATER RESOURCES
 STOCKTON

12. The relation of the subscriber to this application is that of owner
(owner, tenant, agent or otherwise)

and he is authorized to make this application in behalf of the interest affected.

Dated at Glasco, Kansas, this 14th day of December, 1976

Roberta Shamburger
(Applicant)

By owner
(Agent or Officer)

MICROFILMED

1320 Research Park Drive
Manhattan, Kansas 66502
Jackie McClaskey, Secretary



Phone: (785) 564-6700
Fax: (785) 564-6777
Email: ksag@kda.ks.gov
www.agriculture.ks.gov
Sam Brownback, Governor

February 14, 2018

DICK WALSH
910 N 4TH
HEBRON NE 68370

RE: Application
File No. 49992

Dear Sir or Madam:

Your application for permit to appropriate water in 19-8S-4W in Cloud County, was received and has been assigned the file number noted above.

As a matter of record, the Division of Water Resources has on hand a large number of applications awaiting processing. Therefore to be fair to all concerned, and so that we can process those applications on hand in the order they were received, we intend to concentrate on the backlog of applications until the issue is resolved. Once review of your application has begun, we will contact you, if additional information is required.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water as proposed prior to approval of the application is unlawful. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

Section 82a-728 of the Kansas Water Appropriation Act, provides (a) except for the appropriation of water for the purpose of domestic use, . . . it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water in accordance with the provisions of the Water Appropriation Act or for any person to violate any condition of a vested right, appropriation right or an approved application for a permit to appropriate water for beneficial use.

(b) (1) The violation of any provision of this section by any person is a class C misdemeanor . . .

A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.

If you have any questions, please contact me at (785) 564-6637. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kristen A. Baum
New Applications Unit Supervisor
Water Appropriation Program

BAT: dlw
pc: STOCKTON Field Office
GMD

SCANNED

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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FEB 08 2018

KS DEPT OF AGRICULTURE

SCANNED

(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. 49992

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.

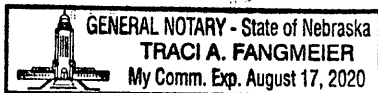
I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.

Deck Walsh
Signature of Applicant

State of Kansas Nebraska)
County of Thayer) ss

Deck Walsh
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 5th day of February, 2018.



Traci A Fangmeier
Notary Public

My Commission Expires:

August 17, 2020

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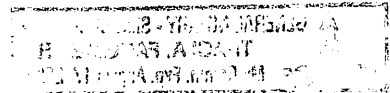
FEB 08 2018

**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



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

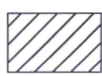
49992



Center of Section
 19-08-04w



Proposed area for test hole exploration



Proposed place of use



WWC-5 Records



Section corners

By signing this I am stating that to the best of my knowledge, all water wells of any kind within 1/2 mile of the proposed points of diversion are identified on this map.

Steve Welch
 Signature Required

2-6-18
 Date

1:24,000



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