

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

1. File Number: <p style="text-align: center;">50,127</p>	2. Status Change Date: <p style="text-align: center;">11/2/2018</p>	3. Field Office: <p style="text-align: center;">01</p>	4. GMD: <p style="text-align: center;">0</p>
5. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return			
6. Enclosures: <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N of C Form <input type="checkbox"/> Water Tube <input type="checkbox"/> Driller Copy <input checked="" type="checkbox"/> Meter			
<p>7a. Applicant(s) Person ID 21345 New to system <input type="checkbox"/> Add Seq# _____</p> <p>MARYSVILLE COUNTRY CLUB INC PO BOX 45 MARYSVILLE KS 66508</p> <p>7b. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p> <p>7a.</p>	<p>7c. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</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 checked="" type="checkbox"/> IRR <input type="checkbox"/> REC <input type="checkbox"/> DEW <input 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>		
10. Completion Date: 12/31/2019 11. Perfection Date: 12/31/2023 12. Exp Date: _____			
13. Conservation Plan Required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date Required: _____ Date Approved: _____ Date to Comply: _____			
14. Water Level Measuring Device? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date to Comply: _____ Date WLMD Installed: _____			
Date Prepared: 10/22/2018 By: DWS Date Entered: 11/5/2018 By: UUM			

File No. **50,127** 15. Formation Code: **113** Drainage Basin: **BIG BLUE RIVER** County: **MS** Special Use: Stream:

16. Points of Diversion									
MOD DEL ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	
√	72067	SE NW SW	21	2	7E	7	1669	4475	

17. Rate and Quantity				
Authorized		Additional		
Rate gpm	Quantity af	Rate gpm	Quantity af	Overlap PD Files
600	64.5	600	19.7	46,322

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

19. Limitation: **64.5** af/yr at _____ gpm (_____ cfs) when combined with file number(s) **35,262; 41,136; AND 46,322**
 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					
√	17655	27	2	7E	1																						

Comments:

KANSAS DEPARTMENT OF AGRICULTURE

Division of Water Resources

MEMORANDUM

TO: Files

DATE: October 22, 2018

FROM: Doug Schemm

RE: Applications, File Nos. 50,127 & 50,128

Marysville Country Club Inc. has filed the referenced new applications. Application, File No. 50,127 is requesting to appropriate 64.5 acre-feet of groundwater from an existing well at a rate of 600 gallons per minute for irrigation use. The well is located in the Southwest Quarter of Section 21, Township 2 South, Range 7 East, Marshall County, within the Big Blue River Drainage Basin. The well is currently authorized under Water Right, File No. 46,322, which is authorized 21 acre-feet at a diversion rate of 105 gallons per minute. The place of use (golf course) is owned by the applicant and a representative has signed the application form stating they have access to the point of diversion. The applicant exceeded their authorized quantity of water in 2017 under File No. 46,322, and this new application is designed to provide additional water and prevent over-pumping in the future.

Application, File No. 50,128 is requesting to appropriate 114.5 acre-feet of surface water storage at the rate of natural flows to be stored in an existing reservoir located near the south side of Section 27, in Township 2 South, Range 7 East, Marshall County. The dam is located on Spring Creek 1 Trib 1 in the Big Blue River basin. The point of diversion is located on property owned by the applicant, and a representative of the applicant has signed the application form stating that they have legal access to the point of diversion. The reservoir is currently authorized for REC use under File No. 40,665, and for IRR use under File No. 41,136. File No. 40,665 is authorized 21 acre-feet of surface water storage (2 years of evaporation), while File No. 41,136 is authorized 20 acre-feet of storage and the re-diversion (direct use) of 4.8 acre-feet at 32 gpm for irrigation use at the golf course.

The requested quantity under File No. 50,128 was based on 1 year of direct use on 43 acres x 1.5 AF/acre = 64.5 AF + capacity of reservoir of 50 AF = 114.5 acre-feet. The 1.5 AF/acre is reasonable for the special grass grown by golf courses, the need to mow frequently, very short grass, and the heavy foot and cart traffic.

Finally, Water Right, File No. 35,262 overlaps in place of use at the golf course. It is authorized 19 acre-feet of direct diversion of surface water from the Big Blue River. However, it has not been pumped in many years (since 2006), and due to a dam collapse on the river, it will likely not be pumped in the future. The three senior IRR files authorize a combined 44.8 acre-feet (21 AF + 4.8 AF + 19 AF) for use at the golf course. In order to ensure adequate water for the golf course, it is proposed that File No. 50,127 be limited to 64.5 acre-feet when combined with the senior files, providing 19.7 acre-feet of additional water. File No. 50,128 will also be limited to 64.5 acre-feet for direct irrigation use, providing 0 additional water.

Two wells were identified within one-half mile of the well under File No. 50,127, and four upstream and downstream landowners were identified for File No. 50,128. Nearby notification letters were sent out for both files on September 26, 2018. No responses of any kind were received. In addition, a representative of the applicant personally visited with the nearby landowners and they expressed no concerns. The proposed point of diversion under File No. 50,127 meets minimum well spacing criteria to all existing wells per the requirements in K.A.R. 5-4-4. It is located over 2,300 feet from the nearest irrigation well, and over 2,000 feet from the nearest domestic well.

Note that Water Right, File No. 41,136 contains a significant amount of information related to discussions between the City of Marysville who own the REC use water right, File No. 40,665, and the Country Club. The City was previously concerned that irrigation use from the lake would lower levels and affect recreational use at the lake. However, the parties reached an agreement. The City was sent a nearby letter regarding this new application on the lake, but they have not responded. The application states that they will not pump water from the lake when it will significantly decrease water level in the lake, and will use the groundwater well if this were to happen.

For File No. 50,127 the point of diversion consists of a single well completed in the Big Blue River alluvium. K.A.R. 5-3-11 states that safe yield is based on the extent of the alluvium (per topographic and LIDAR data) for the area of consideration, which provides a total of 2,535 acres (per Lidar data). Based on a potential recharge of 4.2 inches, with 100% available for appropriation, safe yield was determined to be 887.25 acre-feet. Existing water rights have appropriated 212.83 acre-feet within the area of consideration, leaving 674.42 acre-feet available, and the application requesting 64.5 acre-feet complies with safe yield criteria.

A review of senior File No. 41,136 shows that runoff computations for this reservoir determined that the 631-acre drainage area will yield 480 acre-feet of runoff quantity in 1 out of every five (5) years (a 20% chance), so runoff is NOT the limiting factor. The capacity of the reservoir is 50 acre-feet, and the annual evaporation is approximately 10.4 acre-feet.

The total direct use quantity of 64.5 acre-feet, is equivalent to 1.3 times the capacity (50 AF), which is well within the normal "rule of thumb" of direct use quantity being no more than 5 times capacity for reasonable storage quantity.

The existing dam was previously reviewed by DWR Water Structures Program under File No. DMS-144, and was determined to be non-jurisdictional for structures permitting. In addition, File No. 46,322 was reviewed by Bob Lytle, who determined that it was not subject to any requirements under the Big Blue River Compact with Nebraska.

The applicant has submitted signed Minimum Desirable Streamflow forms, which have been properly notarized. By completing this statement, the applicant affirms his/her knowledge that there could be times when the diversion of water may not be allowed under these permits.

In accordance with K.S.A. 82a-706c, the Chief Engineer retains full authority to require any water user to install meters, gages, or other measuring devices, which devices he or she or his or her agents may read at any time. Water flowmeter requirements are further described in K.A.R. 5-1-4 through K.A.R 5-1-12. If any chemical or foreign substance is injected into the water pumped under these permits, check valves will also need to be installed.

In an October 22, 2018 e-mail, Katie Tietsort, Water Commissioner, Topeka Field Office, recommended approval of the referenced new applications. Based on the above discussion, well spacing and safe yield criteria are met for File No. 50,127, this will address an over pumping issue, and approval of the applications will not impair senior water rights nor prejudicially or unreasonably affect the public interest, it is recommended that the referenced new applications 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

November 5, 2018

FILE COPY

MARYSVILLE COUNTRY CLUB INC
% JOE KROGMAN
PO BOX 45
MARYSVILLE KS 66508

Re: Appropriation of Water, File Nos. 50,127 and 50,128

Dear Mr. Krogman:

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

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

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

Sincerely,

Kristen A. Baum
New Application Unit Supervisor
Water Appropriation Program

KAB:dws
Enclosures

pc: Topeka Field Office

KANSAS DEPARTMENT OF AGRICULTURE
 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. 50,127** of the applicant

MARYSVILLE COUNTRY CLUB INC.
PO BOX 45
MARYSVILLE KS 66508

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 **September 10, 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	
27 2S 7E															22	21	43

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 Northwest Quarter of the Southwest Quarter (SE¼ NW¼ SW¼), of Section 21, more particularly described as being near a point 1,669 feet North and 4,475 feet West of the Southeast corner of said section, in Township 2 South, Range 7 East, Marshall 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 **600 gallons per minute** (1.34 c.f.s.) and to a quantity not to exceed **64.5 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 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).

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.

18. That the quantity of water approved under this permit is further limited to the quantity which combined with Water Right, File Nos. 35,262; 41,136; and 46,322, will provide a **total not to exceed 64.5 acre-feet** of water per calendar year for direct irrigation use on the land described herein.

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 2nd day of November, 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 2nd day of November, 2018, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



Danielle Wilson
Notary Public

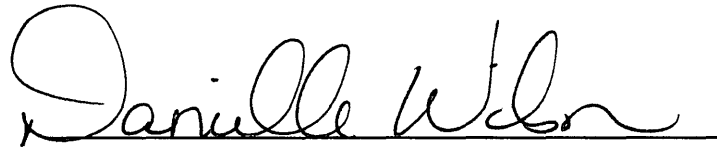
CERTIFICATE OF SERVICE

On this 5th day of November, 2018, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 50,127, dated November 2nd 2018 was mailed postage prepaid, first class, US mail to the following:

MARYSVILLE COUNTRY CLUB INC
PO BOX 45
MARYSVILLE KS 66508

With photocopies to:

Topeka Field Office



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

APPLICATION COMPLETE
10/22/18
Reviewer KAB/DWS

File Number 50127
This item to be completed by the Division of Water Resources.

Water Resources
Received
SEP 10 2018
12:55
KS Dept Of Agriculture

**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): Marysville Country Club Inc
Address: PO BOX 45
City: MARYSVILLE State KS Zip Code 66508
Telephone Number: (785) 562-6779 (Joe Krogman)

2. The source of water is: surface water in _____ (stream)
OR groundwater in Big Blue River Basin (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 64.5 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 600 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. Code	<u>1</u>	GMD	<u>0</u>	Meets K.A.R. 5-3-1 (YES / NO)	Use	Source	County
	<u>REG</u>			<u>ILL</u>	<u>G/S</u>	<u>MS</u>	
Fee \$	<u>400</u>	TR #		Receipt Date	<u>9/10/18</u>	Check #	<u>15223</u>
				By	<u>AW</u>	Date	<u>9/10/18</u>

SCANNED
9/13/18 DAW

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 NW quarter of the SW quarter of Section 21, more particularly described as being near a point 1669 feet North and 4475 feet West of the Southeast corner of said section, in Township 2 South, Range 7 East, Marshall 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):

Applicant
(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 9/6, 2018. Joe Ferguson
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 one well & pump
(number of wells, pumps or dams, etc.)

and was completed on 9-10-2007
(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 upon approval.
(Mo/Day/Year)

Water Resources
Received

SEP 10 2018

SCANNED

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 _____
N/A - groundwater application

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.

Point of Diversion overlap - Water Right, File No. 46,322

Place of Use overlap - Water Right, File Nos. 35,262; 41,136; & 46,322

This application is being filed concurrently with a surface water application at PDIV ID: 6550 that will serve the same place of use.

Water Resources
Received

SEP 10 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>7-11-05</u>	_____	_____	_____
Total depth of well	<u>48'</u>	_____	_____	_____
Depth to water bearing formation	_____	_____	_____	_____
Depth to static water level	<u>17'</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):

Applicant
(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)

MARYSVILLE COUNTRY CLUB
(Applicant Signature)

By Joe Krogman GLS
(Agent or Officer Signature)

Joe Krogman
(Agent or Officer - Please Print)

Assisted by Lloyd Hemphill TFO/ESII Date: 8/27/2018
(office/title)

Water Resources
Received
SEP 10 2018
KS Dept Of Agriculture
SCANNED

IRRIGATION USE SUPPLEMENTAL SHEET

File No. 50127

Name of Applicant (Please Print): MARYSVILLE COUNTRY CLUB INC

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: MARYSVILLE COUNTRY CLUB INC

ADDRESS: PO BOX 45 MARYSVILLE KS 66508

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
27	2S	7E															22	21	43

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

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
<i>Rennebec (R_a, R_c)</i>	<i>40</i>	<i>0.6-2.0</i>	<i>5</i>
<i>Wymore (W_b, W_c)</i>	<i>55</i>	<i>0.2-0.6</i>	<i>1</i>
<i>Fuller (F_a)</i>	<i>5</i>	<i>0.2-2.0</i>	<i>3</i>
Total:	100 %		

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

Estimate the maximum land slope in the field(s): 5 %

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: pop-up sprinklers

d. System design features:

i. Describe how you will control tailwater:

ii. For sprinkler systems:

(1) Estimate the operating pressure at the distribution system: 120 psi

(2) What is the sprinkler package design rate? 25-30 gpm *depending on head*

(3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? N/A feet

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

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

TURF GRASS, TYPICAL FOR GOLF COURSE GROUNDS
Greens, Tees, Fairways

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).

Soil probe, visual inspection

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

Schemm, Doug [KDA]

From: Tietsort, Katie [KDA]
Sent: Monday, October 22, 2018 10:03 AM
To: Schemm, Doug [KDA]
Subject: RE: Marysville County Club 50,127 & 50,128

Doug,

TFO has no objections to approval of the referenced applications, which appear to meet all applicable rules and regulations of the KWAA. Approval of these requests will help the Marysville Country Club stay within their authorized quantities and avoid overpumping in the future.

Thanks, Katie

Katie Tietsort

Kansas Department of Agriculture
6531 SE Forbes Ave Ste B
Topeka, KS 66619
katie.tietsort@ks.gov
Phone 785-296-5733

Achiever~Responsibility~Input~Relator~Arranger

From: Schemm, Doug [KDA]
Sent: Wednesday, October 17, 2018 10:00 AM
To: Tietsort, Katie [KDA] <Katie.Tietsort@ks.gov>
Subject: Marysville County Club 50,127 & 50,128

Good to go. Meet all the regs.

MEMORANDUM

Senior File
Compact determination

TO: Mandi Chace / Files

FROM: Bob Lytle *B.L.*

DATE: December 8, 2005

SUBJECT: Appropriation of Water File No. 46,322

As requested, I have reviewed the above referenced application for any implications it may have upon the Big Blue River Compact with Nebraska. Kansas is the downstream state and has no responsibilities or burden to restrict water usage as defined in the compact. I therefore do not believe it appropriate to withhold approval of the application because of compact issues.

For your information, during the months of May thru September the compact identifies a minimum stateline flow at the Barneston gage on the Big Blue River and the Hollenberg gage on the Little Blue River. The flow requirement ranges from 45 cfs to 90 cfs. When the flow drops below the minimum, Nebraska is required to curtail surface water users who are junior the compact date of 1968, and certain groundwater users who are in the alluvium near the stateline. During such times, the golf course will likely be unable to divert water as well because our minimum streamflow requirement will not be occurring.

MICROFILMED

Analysis Results

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

The safe yield based on the variables listed below is 887.25 AF.

Total prior appropriations in the circle is 170.66 AF. **+ 106.67 AF - 64.5 AF = 212.83 AF**

Total quantity of water available for appropriation is ~~716.59~~ AF.

674.42 AF

50,127
meets safe yield

Safe Yield Variables

The area used for the analysis is set at 2,535 acres.

The potential annual recharge at the circle center is estimated to be 4.2 inches.

The percent of recharge available for appropriation is 100%.

Authorized Quantity values are as of 16-OCT-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 6 water rights and 5 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 35333 00	MUN	NK	G	NC	W2	E2	NE	4030	1000	20	02	07E	4	WR	61.07	0.00 + 61.07	} 106.67 AF	
A 35334 00	MUN	NK	G		NE	NW	NE	5200	1700	20	02	07E	5	WR	55.84	26.57 + 29.47		
A 35335 00	MUN	NK	G		NC	N2	NE	4600	1350	20	02	07E	6	WR	40.91	24.78 + 16.13		
A 37435 00	MUN	NK	G		NW	SE	NE	3410	658	20	02	07E	8	WR	34.00	34.00 ✓		
A 46322 00	IRR	NK	G		SE	NW	SW	1669	4475	21	02	07E	7	WR	21.00	21.00 ✓	43.00	0.00
A 50127 00	IRR	AY	G		SE	NW	SW	1669	4475	21	02	07E	7	WR	64.50	64.50	43.00	0.00

Limitations

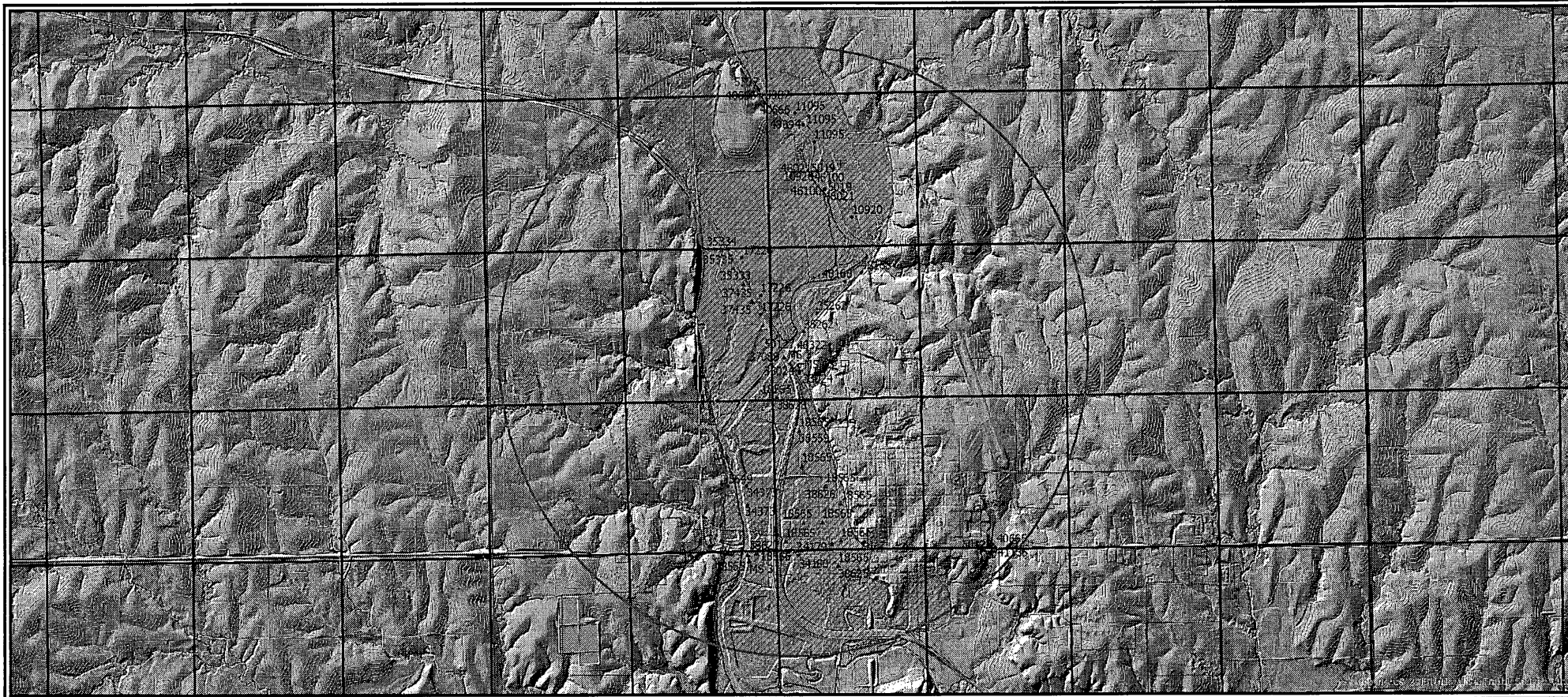
File Number	Seq Num	Limitations
A 35333 00	237 AF	1 77.272MGY COM/W #21607 & 29612 (Not in circle)
A 35334 00	263.5 AF	85.866MGY COM/W #21607, 29612 & 35333
Same	2	110GPM COM/W #35333
A 35335 00	288.3 AF	1 93.941MGY COM/W #21607, 29612, 35333 & 35334
Same	2	110GPM COM/W #35333 & 35334
A 37435 00		2 115.426MGY @110GPM COM/W 21607,29612,35333,35334,35335,35569,36241
A 46322 00		2 23.8 AF/YR COM/W #35262 & #41136

Safe Yield Report Sheet

Water Right- A5012700

Point of Diversion in 21-02S-07E

Footages from SE corner- 1,669 feet North 4,475 feet West



50,127

Report Date Tuesday, September 25 2018.

AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A 50127 00

#####

AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A 50127 00 IRR

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

1669 Feet North and 4475 Feet West of the Southeast Corner of Section 21 T 2S R 7E

GROUNDWATER ONLY

Meets
well spacing
> 1,320'

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit
A__ 35333	00	MUN	NK	G	3005	NC	W2	E2	NE	4030	1000	20	2	7E	4	61.07	.00	AF
A__ 35334	00	MUN	NK	G	4364	--	NE	NW	NE	5200	1700	20	2	7E	5	55.84	26.37	AF
A__ 35335	00	MUN	NK	G	3672	--	NC	N2	NE	4600	1350	20	2	7E	6	40.91	24.78	AF
A__ 37435	00	MUN	NK	G	2303	--	NW	SE	NE	3410	658	20	2	7E	8	34.00	34.00	AF
A__ 46322	00	IRR	NK	G	0	--	SE	NW	SW	1669	4475	21	2	7E	7	21.00	21.00	AF
A__ 50127	00	IRR	AY	G	0	--	SE	NW	SW	1669	4475	21	2	7E	7	64.50	64.50	AF

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	64.50	.00
Total Permitted Amount (AF) =	.00	.00
Total Inspected Amount (AF) =	.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	106.16	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	170.66	.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:

1669 Feet North and 4475 Feet West of the Southeast Corner of Section 21 T 2S R 7E

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

```

File Number      Use ST SR
A__ 35333 00 MUN NK G
> WASHINGTON COUNTY RWD 01
>
> PO BOX 188
> HANOVER KS 66945
-----
A__ 35334 00 MUN NK G
> WASHINGTON COUNTY RWD 01
>
> PO BOX 188
> HANOVER KS 66945
-----
A__ 35335 00 MUN NK G
> WASHINGTON COUNTY RWD 01
>
> PO BOX 188
> HANOVER KS 66945
-----

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A__ 37435 00 MUN NK G
> WASHINGTON COUNTY RWD 01
>
> PO BOX 188
> HANOVER KS 66945

A__ 46322 00 IRR NK G
> MARYSVILLE COUNTRY CLUB INC
>
> PO BOX 45
> MARYSVILLE KS 66508

A__ 50127 00 IRR AY G
> MARYSVILLE COUNTRY CLUB INC
>
> PO BOX 45
> MARYSVILLE KS 66508

#####

STATE OF KANSAS

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



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

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

September 26, 2018

WASHINGTON COUNTY RWD 01
PO BOX 188
HANOVER KS 66945

Re: Pending New Application, File No. 50,127

Dear Sir or Madam:

This is to advise you that Marysville County Club Inc. has filed the new application referred to above for a permit to appropriate 64.5 acre-feet of groundwater per calendar year for irrigation use to be diverted at a maximum rate of 600 gallons per minute. Please note this is **an existing well** currently authorized under Water Right, File No. 46,322. The proposed point of diversion is one well located as follows:

In the Southeast Quarter of the Northwest Quarter of the Southwest Quarter of Section 21, in Township 2 South, Range 7 East, Marshall 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: Marysville Country Club Inc.

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

September 26, 2018

RICK CUDNEY
950 JAYHAWK ROAD
MARYSVILLE KS 66508

Re: Pending New Application, File No. 50,127

Dear Sir or Madam:

This is to advise you that Marysville County Club Inc. has filed the new application referred to above for a permit to appropriate 64.5 acre-feet of groundwater per calendar year for irrigation use to be diverted at a maximum rate of 600 gallons per minute. Please note this is **an existing well** currently authorized under Water Right, File No. 46,322. The proposed point of diversion is one well located as follows:

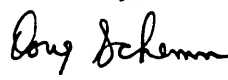
In the Southeast Quarter of the Northwest Quarter of the Southwest Quarter of Section 21, in Township 2 South, Range 7 East, Marshall County, Kansas.

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.

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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: Marysville Country Club Inc.

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Marshall	NE 1/4 NW 1/4 SW 1/4	21	T 2 S	R 7 (E/W)

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

3/4 Northeast of Marysville

2 WATER WELL OWNER: **Marysville Country club**
 RR#, St. Address, Box # : **1070 Pony Express Hwy** Board of Agriculture, Division of Water Resource:
 City, State, ZIP Code : **Marysville, KS 66508** Application Number:

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

N			
- NW -		- NE -	
W	*	E	
- SW -		- SE -	
S			

4 DEPTH OF COMPLETED WELL **48** ft. ELEVATION: _____

Depth(s) Groundwater Encountered _____ ft. 2 _____ ft. 3 **7/11/05** ft.
 WELL'S STATIC WATER LEVEL **17'** ft. below land surface measured on mo/day/yr _____
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield **100** 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 _____ No *****; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes ***** No

5 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued * Clamped _____
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded _____
		7 Fiberglass		Threaded _____

Blank casing diameter **6** in. to **28'** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface **18** in., weight **180** lbs./ft. Wall thickness or guage No. **280**

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless Steel	5 Fiberglass	7 PVC	10 Asbestos-Cement
2 Brass	4 Galvanized Steel	6 Concrete tile	8 RMP (SR)	11 Other (Specify) _____
			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-PERFORATED INTERVALS: From **28** ft. to **48** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **20** ft. to **48** 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 **20** 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	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 Present** How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Fill			
3	5	Sandy Clay			
5	21	Black Sandy Clay			
21	30	Sand (Fine/Blue)			
30	40	Sand (Med. Fine/Yellow)			
40	55	Gray Shale & Flint			

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) **7/11/05** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No **518** This Water Well Record was completed on (mo/day/yr) **7/30/05** under the business name of **Blue Valley Drilling** by (signature) _____

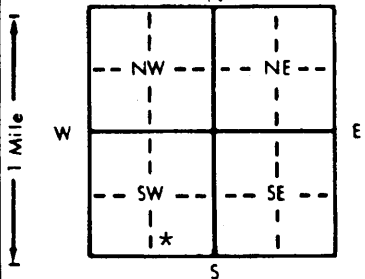
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water. Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 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.

1 LOCATION OF WATER WELL: County: Marshall	Fraction SW 1/4 SE 1/4 SW 1/4	Section Number 21	Township Number T 2 S	Range Number R 7 <u>EW</u>
--	---	-----------------------------	---------------------------------	--------------------------------------

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

1/2 Mile NW of Marysville

2 WATER WELL OWNER: Rick Cudney RR#, St. Address, Box # : 868 7th Rd. City, State, ZIP Code : Marysville, KS. 66508	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... 40 ft. ELEVATION: Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL ... 1.0 ft. below land surface measured on mo/day/yr 3/4/96 Pump test data: Well water was ft. after hours pumping gpm Est. Yield 30+ gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter... 9 in. to 40 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 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: 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 * Clamped Welded Threaded
Blank casing diameter ... 5 in. to 16 ft., Dia ... in. to ... ft., Dia ... in. to ... ft. Casing height above land surface ... 18 in., weight ... 200 lbs./ft. Wall thickness or gauge No.	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 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 16 ft. to 36 ft., From ... ft. to ... ft. From ... ft. to ... ft., From ... ft. to ... ft.	
GRAVEL PACK INTERVALS: From 15 ft. to 40 ft., From ... ft. to ... ft. From ... ft. to ... ft., From ... ft. to ... ft.		

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout <u>3 Bentonite</u> 4 Other	Grout Intervals: From 0 ft. to 15 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 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 Present How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	18	Brown Clay			
18	23	Gravel & Clay			
23	42	Gray Shale			

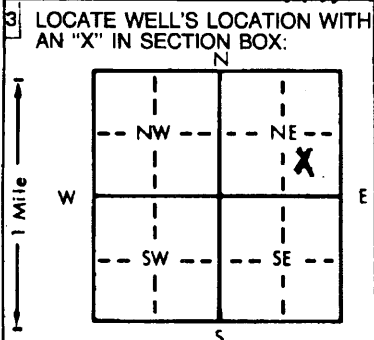
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 3/4/96 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 518 . This Water Well Record was completed on (mo/day/yr) 3/5/96 under the business name of Blue Valley Drilling by (signature) <i>[Signature]</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, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

1 LOCATION OF WATER WELL: Fraction NW 1/4 SE 1/4 NE 1/4 Section Number 20 Township Number T 2 S Range Number R 7 E
 County: Marshall

Distance and direction from nearest town or city street address of well if located within city?
1/2 W - 1 1/2 N Marysville

2 WATER WELL OWNER: Washington Co. RWD #1 Well 10
 RR#, St. Address, Box #: Box 171
 City, State, ZIP Code: HANOVER, Kansas 66945 Board of Agriculture, Division of Water Resources
 Application Number:



4 DEPTH OF COMPLETED WELL: 44 ft. ELEVATION: ft.
 Depth(s) Groundwater Encountered 1. 22 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 13 ft. below land surface measured on mo/day/yr 7-10-85
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield gpm; Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 26 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 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 8-30-85 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 10 in. to 28 ft., Dia. 10 in. to 38-44 ft., Dia. in. to ft.
 Casing height above land surface: 36 in., weight 40.78 lbs./ft. Wall thickness or gauge No. .365
 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 28 ft. to 38 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 44 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 20 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 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? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	5	Top Soil			
5	13	Clay gray			
13	22	fs-brown			
22	28	fs-cs-11			
28	38	fs-cs-med-gravel, brown			
38	44	fs-gray			

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) 7-10-85 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 182 This Water Well Record was completed on (mo/day/yr) 7-26-85 under the business name of Strader Drlg Co Inc by (signature) Dale Askren

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.

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

9/13/2018

MARYSVILLE COUNTRY CLUB, INC
PO BOX 45
MARYSVILLE, KS 66508

RE: Application, File No. **50127**

Dear Sir or Madam:

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

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

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

Sincerely,

A handwritten signature in cursive script that reads "Kristen A. Baum".

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

SCANNED

9/6/2018
(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. 50127

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.

Marysville Country Club
Joe Krogman

Signature of Applicant

State of Kansas)
County of Marshall) ss

Joe Krogman
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 6th day of September, 2018.



Dennis J. Cashier

Notary Public

My Commission Expires: January 20, 2019

Water Resources
Received
SEP 10 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

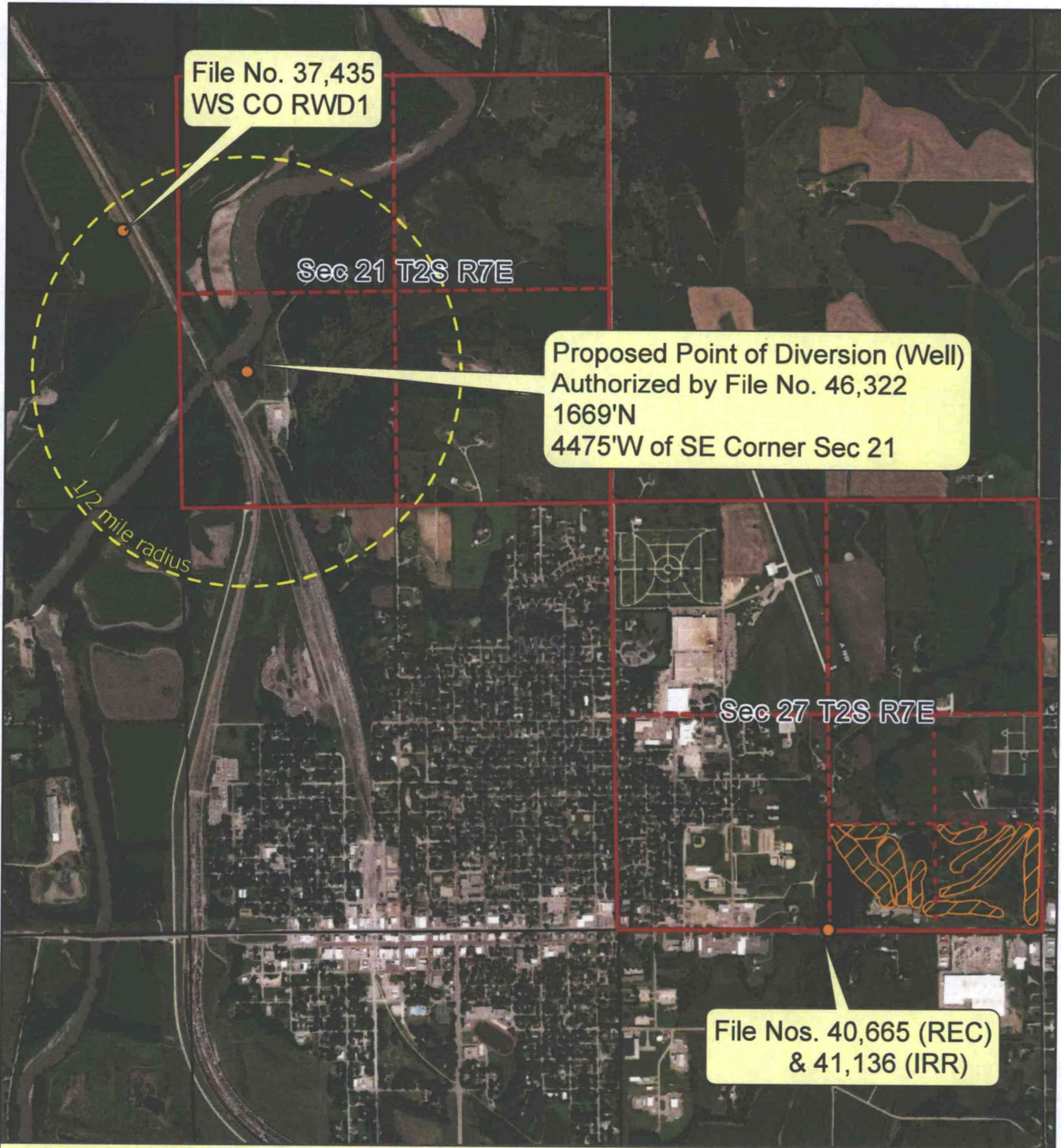
Ninnescah River
North Fork Ninnescah River
Rattlesnake Creek
Republican River
Saline River
Smoky Hill River
Solomon River
South Fork Ninnescah
Spring River
Walnut River
Whitewater River

WABAUNSEE COUNTY
KANSAS

NOV 1 1978

WABAUNSEE COUNTY CLERK

New Application - Marysville Country Club Inc



All water wells of any kind located within 1/2 mile of the proposed point of diversion have been located on this map.

Signature

Date



Proposed Place of Use
(43 acre golf course complex)



0 0.5 1 Mile

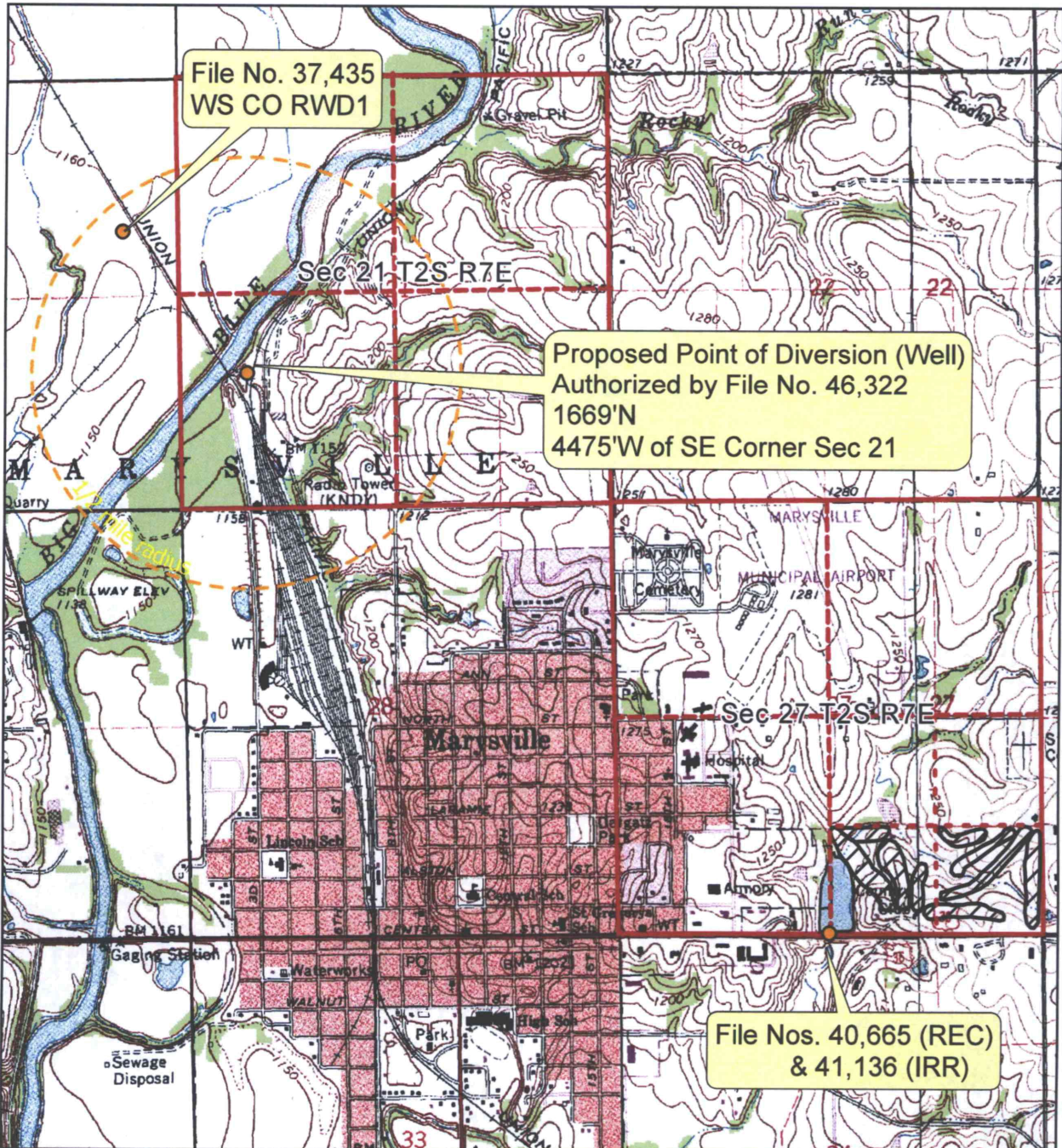
Water Resources
Received

Map prepared by LHH/TFO 8.15.18

SEP 10 2018

50127

New Application - Marysville Country Club Inc



All water wells of any kind located within 1/2 mile of the proposed point of diversion have been located on this map.

Joe Krognan
Signature

9/6/18
Date



Proposed Place of Use
(43 acre golf course complex)

Map prepared by LHH/TFO 8.15.18



Water Resources
Received

0 0.5 1 Mile

SEP 10 2018