

NOTICE

This scan only represents the application as filed. The information contained herein meets the requirements of K.A.R. 5-3-1 or K.A.R. 5-5-1, and has been found acceptable for filing in the office of the Chief Engineer. The application should not be considered to be a complete application as per K.A.R. 5-3-1b or K.A.R. 5-5-2a.

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 50008
This item to be completed by the Division of Water Resources.

**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.)

WATER RESOURCES
RECEIVED
MAR 08 2018
2:45
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): Cowley County Community College
Address: 125 S. 2nd Street
City: Ark City State KS Zip Code 67005
Telephone Number: (620) 441-5207

2. The source of water is: surface water in _____ (stream)
OR groundwater in Lower Arkansas 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 17.04 acre-feet OR 5,553,479 gallons per calendar year, to be diverted at a maximum rate of 40 gallons per minute OR 0.09 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>2</u> Meets K.A.R. 5-3-1 (YES/NO) Use <u>IRL</u> Source <u>S</u> County <u>SU</u> By <u>AM</u> Date <u>3/6/18</u>	
Code <u>REA</u>	Fee \$ <u>300</u>	TR # _____	Receipt Date <u>3/8/18</u> Check # <u>39833</u>

3/12/2018 UAM

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 NE quarter of Section 13, more particularly described as being near a point 4772 feet North and 890 feet West of the Southeast corner of said section, in Township 32 South, Range 1 East (West (circle one)), Sumner 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):

 (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 March 1, 2018. Dennis C.
 Applicant's Signature

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

7. The proposed project for diversion of water will consist of 1 water well _____
 (number of wells, pumps or dams, etc.)
 and (was) (will be) completed (by) June 2018
 (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 _____
 (Mo/Day/Year)

WATER RESOURCES
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MAR 08 2018

IRRIGATION USE SUPPLEMENTAL SHEET

File No. _____

Name of Applicant (Please Print): Cowley County Community College

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: Cowley College- Sumner Campus
 ADDRESS: Highway 160 & William Drive

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13	32S	1W	6.81	4.71	0.63	0.95													13.1

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	

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
<u>Bethany Silt Loam(0-1%)</u>	<u>8</u>	_____	_____
<u>Bethany Silt Loam(1-3%)</u>	<u>92</u>	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Total:	100 %	_____	_____

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

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

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: Landscape Irrigation System

d. System design features:

i. Describe how you will control tailwater:

N/A

ii. For sprinkler systems:

(1) Estimate the operating pressure at the distribution system: 70 psi

(2) What is the sprinkler package design rate? 40 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

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

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

Grass and other landscaping.

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).

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

- 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 The site will not require impounded water, therefore 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.

N/A

WATER RESOURCES
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MAR 08 2018

KS DEPT OF AGRICULTURE

50008

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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MAR 08 2018

KS DEPT OF AGRICULTURE

50008



170152-016
LETTER OF TRANSMITTAL

TO: David Barfield, Division of Water Resources
1320 Research Park Drive
Manhattan, KS 66502

CC:

WATER RESOURCES
RECEIVED
MAR 08 2018
KS DEPT OF AGRICULTURE

CLIENT: Gordon
LOCATION: Wellington, KS
PROJECT: Cowley College Public Paving
DATE: 3/7/2018
XMTL No: 170152-016
DESCRIPTION: Application for Permit to Appropriate Water for Beneficial Use

MKEC is forwarding the following information:

By: Attached
Via: Express Delivery
Docs: Submittals

Code	Date	Doc. No.	Qty.	Rev.	Description
1. IFA - For Approval	3/7/2018	Permit Application	1	0	Application for Permit to Appropriate Water for Beneficial Use
1. IFA - For Approval	3/7/2018	3 - Drawings	1	0	3 - Exhibit Drawings
1. IFA - For Approval	3/7/2018	Check	1	0	Application Fee Check for \$200

REMARKS

For Approval

Adam Koster
SENDER'S NAME

RECIPIENT SIGNATURE

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

March 9, 2018

COWLEY COUNTY COMMUNITY COLLEGE
125 S 2ND ST
ARK CITY KS 67005

RE: Application
File No. 50008

Dear Sir or Madam:

Your application for permit to appropriate water in 13-32S-1W in Sumner 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.

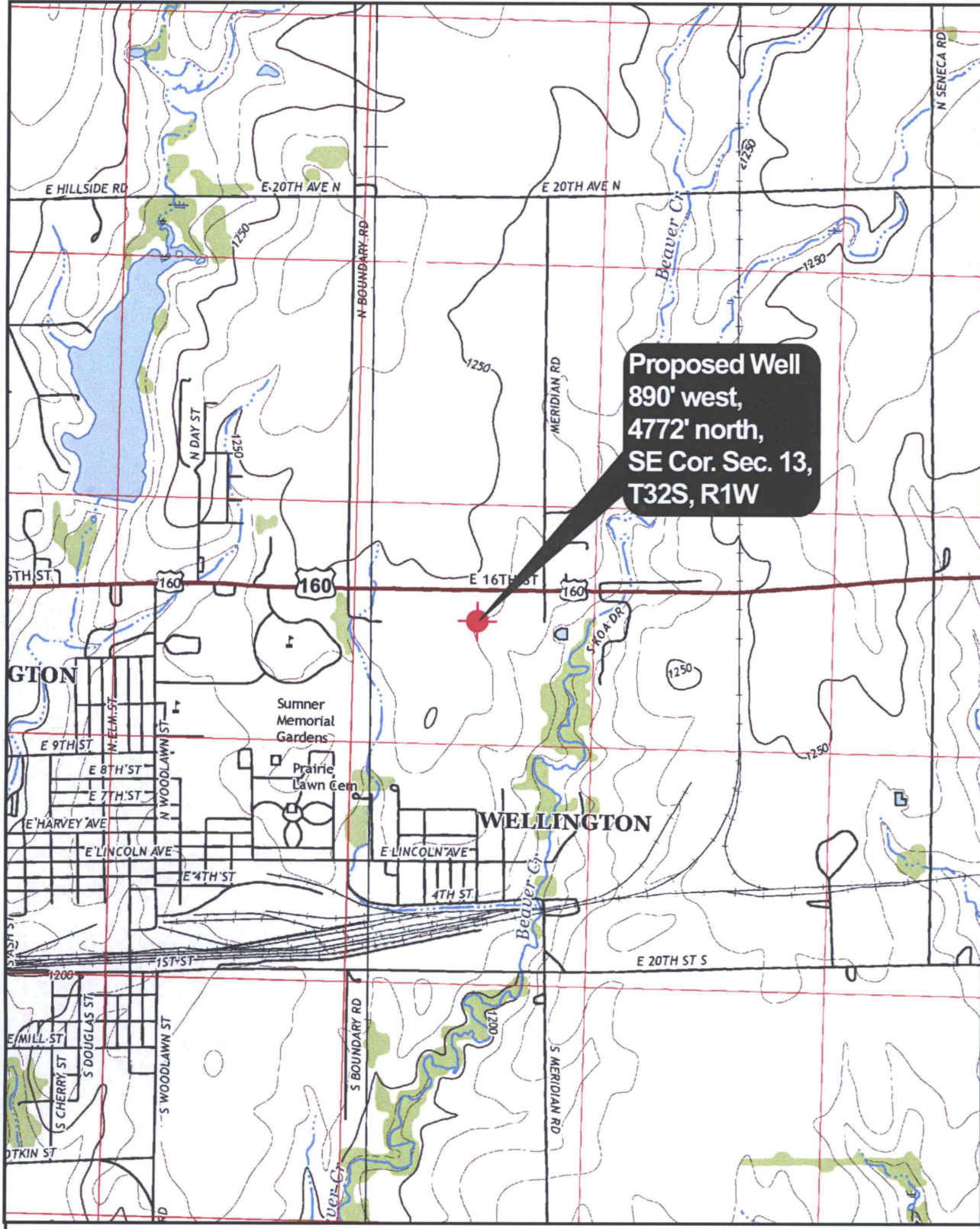
If you have any questions, please contact me at (785) 564-6637. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kristen A. Baum
New Applications Unit Supervisor
Water Appropriation Program

BAT: dlw
pc: STAFFORD Field Office
GMD

50008



Proposed Well
890' west,
4772' north,
SE Cor. Sec. 13,
T32S, R1W

USGS QUAD EXHIBIT
COWLEY COLLEGE - SUMNER CAMPUS
WELLINGTON, KANSAS

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SEC: 13
TWP: T32S
 RNG: R1W

PROJECT NO. 1701010152

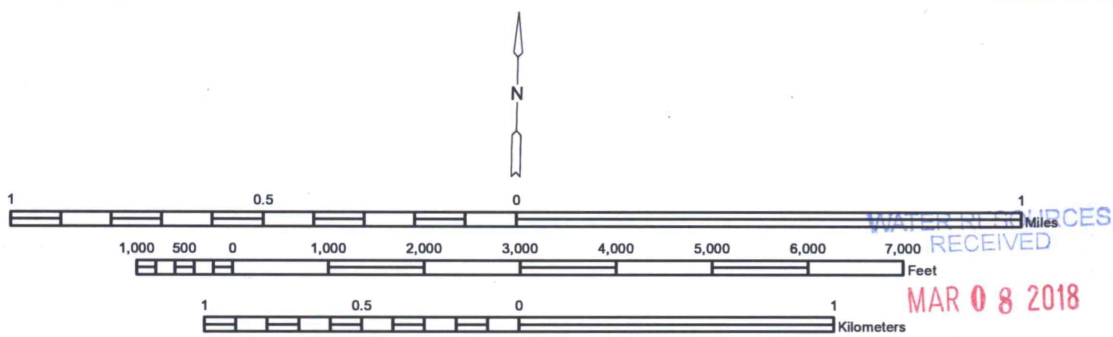
DATE 3/7/2018

SCALE 1"=2000'

DESIGNED DRAWN CHECKED
JGD JGD KLA

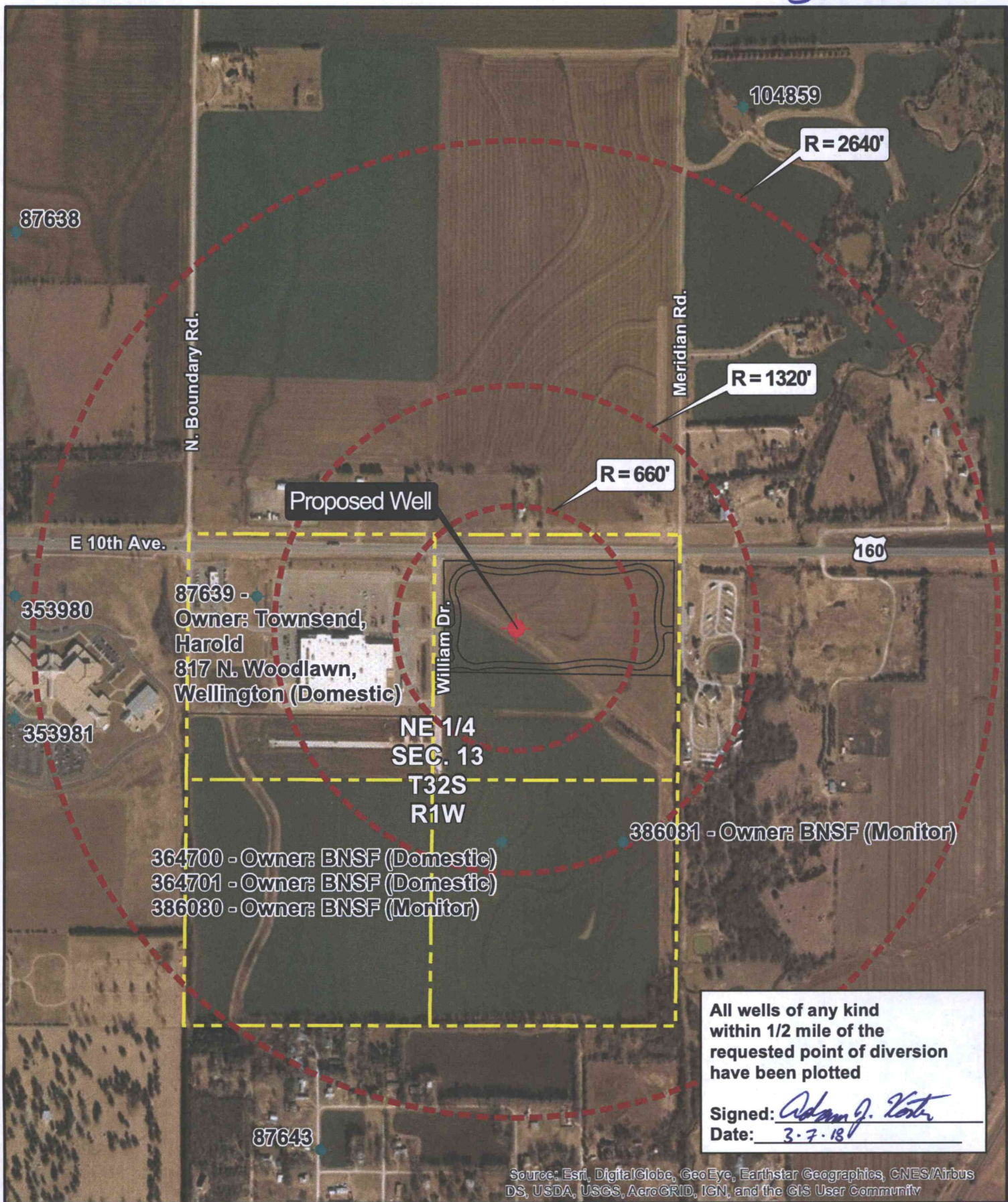
NO. REVISION DATE

SHEET NO.



Path: J:\Projects\2017\1701010152_Gordon_Cowley College-Wellington Campus\05 Civil\GIS\USGS Quad Exhibit - Well Exhibit.mxd - Date: 3/7/2018

50008



Proposed Well

R = 2640'

R = 1320'

R = 660'

87639 -
 Owner: Townsend,
 Harold
 817 N. Woodlawn,
 Wellington (Domestic)

NE 1/4
 SEC. 13
 T32S
 R1W

364700 - Owner: BNSF (Domestic)
 364701 - Owner: BNSF (Domestic)
 386080 - Owner: BNSF (Monitor)

386081 - Owner: BNSF (Monitor)

All wells of any kind
 within 1/2 mile of the
 requested point of diversion
 have been plotted

Signed: *Adam J. Koster*
 Date: 3-7-18

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



SEC: 13
 TWP: T32S
 RNG: R1W
 1"=700' / 1:8400

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POINT OF DIVERSION EXHIBIT		
COWLEY COLLEGE - SUMNER CAMPUS		
WELLINGTON, KANSAS		
PROJECT NO: 1701010152	DATE: 3/7/2018	SHEET NO.
DRAWN BY: JGD	DESIGNED BY: JGD	APPROVED BY: KLA
		1 OF 1

KS DEPT OF AGRICULTURE

Path: J:\Projects\2017\1701010152_Gordon_Cowley College-Wellington Campus\05 Civil\GIS\Point of Diversion Exhibit.mxd - Date: 3/7/2018

PROPOSED IRRIGATION AREAS EXHIBIT
COWLEY COLLEGE - SUMNER CAMPUS
WELLINGTON, KANSAS

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IRRIGATION AREAS

PROJECT NO.	1701010152	
DATE	FEB 2018	
SCALE	1" = 50'	
DESIGNED	DRAWN	CHECKED
KLA	ABW	KLA
NO.	REVISION	DATE

E. 10TH ST. AVE (US 160)

30'X18' CMP

24" CMP

Lot 2
SHORT ADDITION, SECTION 1
1
Lot 1

ZONING - "HCP" (PLANNED HIGHWAY DEVELOPMENT)
24" DIP

WILLIAMS DR.

S. MERIDIAN RD.

UNPLATTED

ZONING - (PLANNED HIGHWAY DEVELOPMENT)

FUTURE PHASE

PHASE 1

ZONING - "HCP" (PLANNED HIGHWAY DEVELOPMENT)

POINT OF DIVERSION (WELL)

PROP. DRY DETENTION
0.7 ACRE-FT
100-YR WSEL=1237.0

PROP. 24" SWS PIPE

15' GRASSED LINED EARTH WEIR

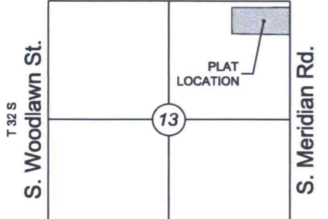
Reserve A
7,388 s.f.
1.79 ac.

Reserve B
50,812 s.f.
1.17 ac.

Part of Reserve A

Reserve C
6,816 s.f.
0.16 ac.

R 1W
E. 10th Ave. / HWY 160



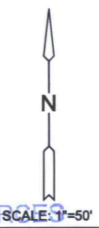
1st St. / E. 20th St. S.
VICINITY MAP

NOTE:
MINIMUM PAD ELEVATION
BLOCK 1, LOT 1 = 1240.0

LEGEND

- DRAINAGE BOUNDARY
- PHASE 1 BOUNDARY
- EXISTING STORMWATER SEWER
- EXISTING WATER LINE
- EXISTING SANITARY SEWER
- EXISTING GAS LINE
- PROPOSED STORMWATER SEWER
- PROPOSED WATERLINE
- PROPOSED SANITARY SEWER
- FLOW ARROW

TOTAL IRRIGATED AREA= 13.1 ACRES



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MAR 02 2018

PLOTTED: Wednesday, March 14, 2018 10:00 AM
 C:\GIS\1701010152_GORDON_COWLEY COLLEGE-WELLINGTON CAMPUS\1701010152_CADD\1701010152_SURFACES\1701010152_SURFACES.DWG