

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.

File Number 50234
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.)

To the Chief Engineer of the Division of Water Resources, Kansas Department of
Agriculture,

1320 Research Park Drive, Manhattan, KS 66502:

- Name of Applicant (Please Print): DURWIN F MALL
Address: 825 HIDDEN VALLEY DR
City: CLAY CENTER State: KS Zip Code 67432
Telephone Number: (785) 632-1364 (Cell) ramexterminators@att.net
- The source of water is: surface water in DEADMAN CREEK (stream).
OR groundwater in BIG BLUE 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.

- The maximum quantity of water desired is 192 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 1,200 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.

- The water is intended to be appropriated for (Check use intended):
 - (a) Artificial Recharge 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

FOI S-IRR 1 CY 12AW 4/11/19 WATER RESOURCES RECEIVED
REZ \$300 4/4/19 3205 APR 04 2019 1057
KS DEPT OF AGRICULTURE 4/16/2019 UN

INTENDED USE REFERENCED ABOVE.

- 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.

- One in the NE quarter of the SE quarter of the NW quarter of Section 21, more particularly described as being near a point 3,410 feet North and 2,742 feet West of the Southeast corner of said section, in Township 6 South, Range 4 EAST, CLAY County, Kansas.
- 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.
- 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.
- 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.

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

(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 3-28- 2019 Darwin F Mall

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Applicant's Signature

- The proposed project for diversion of water will consist of ONE PUMP SITE
(number of wells, pumps or dams, etc.)
and (was)(will be) completed (by) SPRING 2019
(Month/Day/Year - each was or will be completed)

- The first actual application of water for the proposed beneficial use was or is estimated to be SPRING 2019
(Mo/Day/Year)

- 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.

- 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 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:

- 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.
- 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.
- 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.
- The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
- Show the location of the pipelines, canals, reservoirs or other facilities for conveying

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50234



COUNTY LINE RD

COUNTY LINE RD

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1. Michael J. Elledge & Geoffrey N. Elledge
2678 Utah Road Green, Kansas 67447
2. Elledge Family Trust
235 S. Nevada St. Oceanside, CA 92054-3135
3. Sump. Scott E & Pamela J. Trust
2033 27th Road Green, Kansas 67447-9021
4. Lippert Lois E. Trust
1043 Lane St. Clay Center, Kansas 67432-2210
5. Reginald J. Riechers
19375 E. Horseshoe Bend Road
Park Hill, OK 74451-4112

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**IRRIGATION USE
SUPPLEMENTAL SHEET**

File No. 50234

Name of Applicant (Please Print): DURWIN F. MALL

- 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: DURWIN F MALL

ADDRESS: 825 HIDDEN VALLEY DR, CLAY CENTER, KS 67432 _____

S T R	NE¼				NW¼				SW¼				SE¼				TOTAL
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
21 6S 4E					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	

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

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

Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
3801 Crete Silt Loam 1 to 3% slopes loess plains & Breaks	36.5%	0.30	3
3830 Crete silty Clay loam 3 to 7% Slopes	24.8%	0.30	3
4725 Kipson - Segn Complex 5 to 30% Slopes	19.3%	0.60	
3561 Hobbs silt Loam occasionally flooded	13.1%	0.50	5
3802 Crete silty clay loam 3 to 7% slopes eroded loess	6.3%	0.30	3
Total: Plains + breaks	100%		

- field(s): Estimate the average land slope in the 4%

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

18%

- 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: _____

- System design features:

- Describe how you will control tailwater:
Cover Crops, residue, Terraces, Pond

- For sprinkler systems:

- Estimate the operating pressure at the distribution system: 25.7 psi
- What is the sprinkler package design rate? 450 gpm
- What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? 28' feet
- Please include a copy of the sprinkler package design information.

- Crop(s) you intend to irrigate. Please note any planned crop rotations:
Corn, Soybeans, Milo, Wheat
- 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). *Crop consultant probes field every monday*

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

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.

- 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.

NONE

- 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	_____	_____	_____	_____
Total depth of well	_____	_____	_____	_____
Depth to water bearing formation	_____	_____	_____	_____
Depth to static water level	_____	_____	_____	_____
Depth to bottom of pump intake pipe	_____	_____	_____	_____

- The relationship of the applicant to the proposed place where the water will be used is that of OWNER
(owner, tenant, agent or otherwise)
- The owner(s) of the property where the water is used, if other than the applicant, is (please print):

APPLICANT Durwin F. Mall 825 Hidden Valley Drive Clay Center, KS
(name, address and telephone number) 67432

1-785-632-1364

(name, address and telephone number)

- 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 Clay Center, Kansas, this 28 day of March, 2019.
(month) (year)

Durwin F. Mall
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by DWS TOPEKA FO Date: _____
3/19/2019 (office/title)

FEE SCHEDULE

- 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.

- 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.

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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.

- 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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6

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

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

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

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

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.

- 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.

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1320 Research Park Drive
Manhattan, KS 66502
785-564-6700
www. agriculture.ks.gov



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

Mike Beam, Interim Secretary

Laura Kelly, Governor

April 17, 2019

DURWIN F MALL
825 HIDDEN VALLEY DR
CLAY CENTER, KS 67432

RE: Application, File No. **50234**

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".

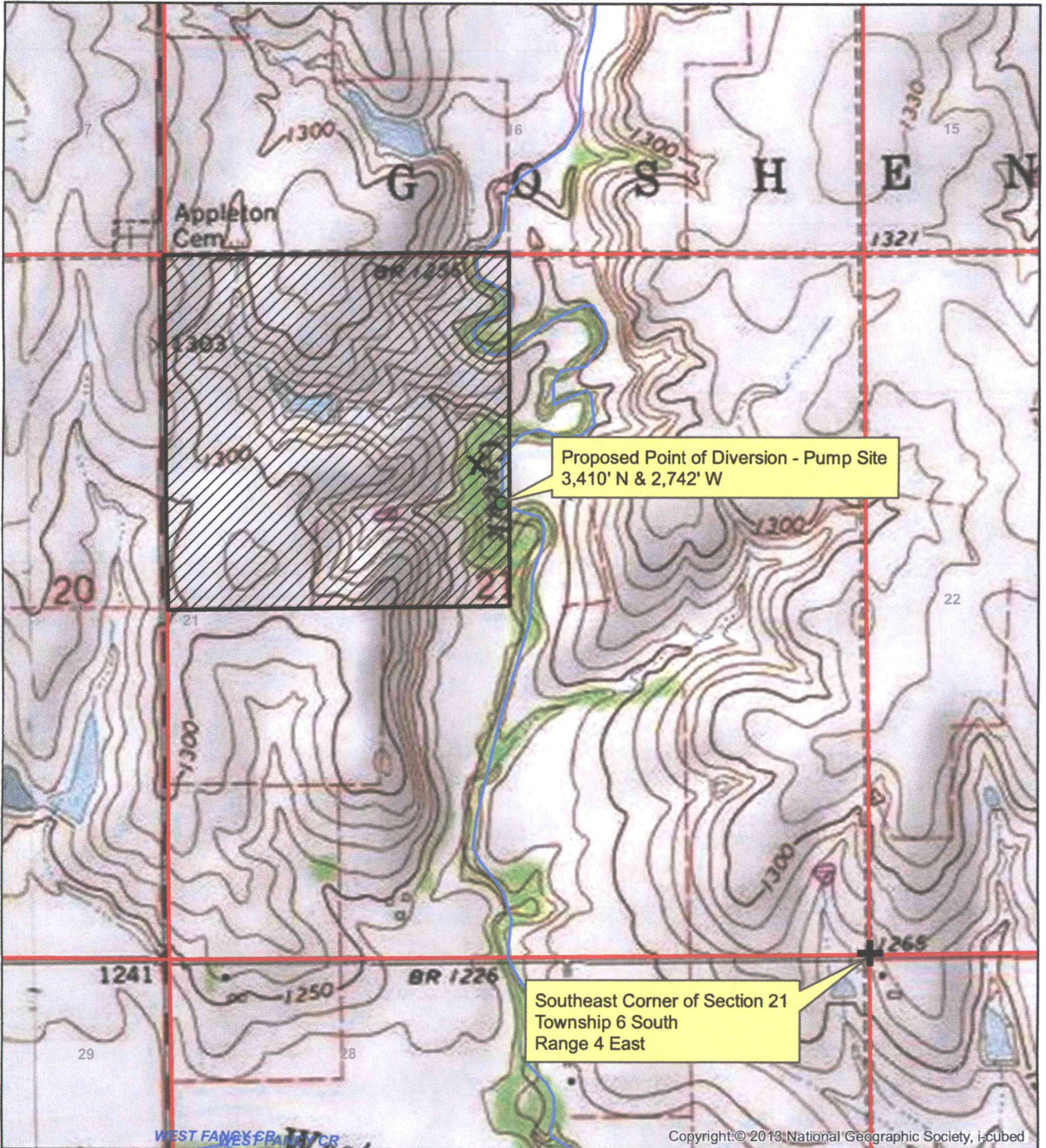
Kristen A. Baum
New Applications Unit Supervisor
Water Appropriation Program

50234



DURWIN MALL - NEW APPLICATION SITE MAP

1:12,000



● Proposed Point of Diversion

▨ Proposed Place of Use

All upstream and downstream landowners adjacent to the stream within 1/2 mile of property boundaries have been identified.

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