

# 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.

~~Waiting on check for \$1620\*~~

9/26/2022

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# THE STATE OF KANSAS

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**KANSAS DEPARTMENT OF AGRICULTURE**  
Mike Beam, Secretary of Agriculture

**DIVISION OF WATER RESOURCES**  
Earl D. Lewis Jr., Chief Engineer

File Number \_\_\_\_\_  
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, Kansas 66502:

1. Name of Applicant (Please Print): GREAT PLAINS DEVELOPMENT AUTHORITY  
Address: 21101 SCOTT RD  
City: PARSONS State KS Zip Code 67357  
Telephone Number: (620) 421-1228 **tpeoples@parsonsk.com**

2. The source of water is:  surface water in NEOSHO RIVER (stream)  
OR  groundwater in \_\_\_\_\_ (drainage basin)

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

3. The maximum quantity of water desired is 2.19 billion TRILLION GALLONS OR 6720.9 AF gallons per calendar year,  
to be diverted at a maximum rate of 10,000 gallons per minute OR 22.28 c.f.s ~~1336.8~~ cubic feet per second.

1/23/2023  
LHH

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

10/10/2022  
LMoody



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.	<b>1</b>	GMD		Meets K.A.R. 5-3-1 (YES / NO)	<input type="checkbox"/>	Use	<b>IND</b>	Source	G / S	County	<b>LB</b>	By	<b>BMM</b>	Date	<b>9/1/22</b>
Code			<b>RE3</b>	Fee \$	<b>800</b>	TR #		Receipt Date	<b>9/1/22</b>	Check #	<b>5752</b>				
					<b>1620</b>							<b>9/28/22</b>			<b>5778</b>

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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 LOT 6 quarter of the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section 33, more particularly described as being near a point 5268 feet North and 1850 feet West of the Southeast corner of said section, in Township 31 South, Range 21 EAST East/West (circle one), LABETTE 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):

OWNER – GREAT PLAINS DEVELOPMENT AUTHORITY (KAAP)  
(name, address and telephone number)  
21101 SCOTT ROAD PARSONS, KANSAS 67357 (620) 421-1228  
(name, address and telephone number)

You must provide evidence of legal access to, or control of, the point of diversion from the landowner or the landowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document with this application. In lieu thereof, you may sign the following sworn statement:

I have legal access to, or control of, the point of diversion described in this application from the landowner or the landowner's authorized representative. I declare under penalty of perjury that the foregoing is true and correct.

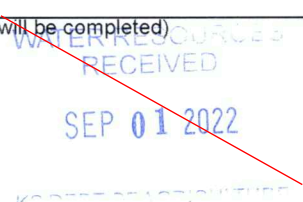
Executed on \_\_\_\_\_, 20\_\_\_\_. \_\_\_\_\_  
Applicant's Signature

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

7. The proposed project for diversion of water will consist of ONE SURFACE WATER INTAKE & PUMPS ETC  
(number of wells, pumps or dams, etc.)  
and (was)(will be) completed (by) UPON APPROVAL  
(Month/Day/Year - each was or will be completed)

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File No. \_\_\_\_\_

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

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- 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 \_\_\_\_\_

THIS IS AN EXISTING INTAKE BEHIND AN EXISTING LOW HEAD DAM ON THE NEOSHO RIVER. NO NEW PERMITTING IS NECESSARY.

- 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.

PD & PU- LB-08-D1, LB-08-D2, & 49754

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

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	_____	_____	_____	_____

14. The relationship of the applicant to the proposed place where the water will be used is that of OWNER  
(owner, tenant, agent or otherwise)

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

\_\_\_\_\_  
(name, address and telephone number)

\_\_\_\_\_  
(name, address and telephone number)

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

Dated at Persons, Kansas, this 29<sup>th</sup> day of August, 2022.  
(month) (year)

Bradly T Reams  
(Applicant Signature)

By Bradly T Reams, GPIIP Director  
(Agent or Officer Signature)

Bradly T Reams, GPIIP Director  
(Agent or Officer - Please Print)

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Assisted by KATIE TIETSORT TFO/WC Date: 7/13/2022  
(office/title)

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## 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
<b>More than 320</b>	<b>\$300.00 plus \$20.00 for each additional 100 acre-feet or any part thereof. \$860 TOTAL</b>

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.

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#### CONVERSION FACTORS

1 acre-foot equals 325,851 gallons

1 million gallons equal 3.07 acre-feet

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**INDUSTRIAL USE  
SUPPLEMENTAL SHEET**

File No. \_\_\_\_\_

Name of Applicant (Please Print): GREAT PLAINS DEVELOPMENT AUTHORITY

1. Please describe type of industry or product produced: INDUSTRIAL - MANUFACTURING  
 \_\_\_\_\_ Standard Industrial Classification Code Number: \_\_\_\_\_

2. Please complete the following table to show your past and present water requirements:

**PAST PRODUCT PRODUCTION AND WATER DIVERTED, IF APPLICABLE**

LAST 5 YEARS	AMOUNT OF PRODUCT - RAW	WATER DIVERTED (GALLONS) - WASTEWATER DISCHARGE	GALLONS PER PRODUCT PER DAY - TREATED
5 years ago - 18	54,693,000 7/24/365	74,513,000 7/24/365	149,844 7/24/365
Last year - 21	34,890,000 5/4/261	113,206,000 7/24/365	133,678 5/4/261
Present year - 22	21,092,000(08/22) 5/4/261	47,486,000 (08/22) 7/24/365	140,613 (08/22) 5/4/261

3. Please complete the following table to show your future water requirements:

**ESTIMATED FUTURE PRODUCT PRODUCTION AND WATER DIVERTED**

NEXT 5 YEARS	AMOUNT OF PRODUCT - RAW	WATER TO BE DIVERTED (GALLONS) - WASTEWATER DISCHARGE	GALLONS PER PRODUCT PER DAY - TREATED
Year 1 - 23	36,000,000 5/4/261	84,000,000 7/24/365	138,000 5/4/261
Year 2 - 24	36,000,000 5/4/261	84,000,000 7/24/365	138,000 5/4/261
Year 3 - 25	2,190,546,656 7/24/365	1,500,000,000 7/24/365	6,001,498 7/24/365
Year 4 - 26	2,190,546,656 7/24/365	1,500,000,000 7/24/365	6,001,498 7/24/365
Year 5 - 27	2,190,546,656 7/24/365	1,500,000,000 7/24/365	6,001,498 7/24/365

Number of days of operation of the industry per year is "see above" days. (5/4/261 or 7/24/365)

Please attach any tables, curves or additional information showing past, present and estimated future water requirements to substantiate the amount of water requested.

4. Please designate the legal description of the location where the water is to be used. Show in the space provided below the Section (S), Township (T), and Range (R), and the number of acres in each forty acre tract or fractional portion thereof.

WATER WILL BE USED AT THE KANSAS ORDNANCE PLANT NEAR PARSONS, KS.

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

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JUSTIFICATION:

FY2023 Q4- FACILITY 500,000 GPD = 200 MGY ANNUAL

FY 2024 Q4- 2<sup>ND</sup> PHASE OF FACILITY NEEDS 1.5 MGD HYDROGEN = 500 MGY ANNUAL

FY 2026 AMMONIA PLANT NEEDS 600 MGY TOTAL ANNUAL

ANYTIME PPE ENERGETICS CO NEEDS 100,000 GPD = 36.5 MGY

= ~ 1336.5 MGY

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# Great Plains Development Authority - Vested Right LB-08-D1

## Landowners 1/2 mile Upstream of Great Plains Property Line/Point of Diversion

---

1	Maxine Long	310 Caroline Dr. Frontenac, KS 66763
2	Dwight Blackburn	22094 Udall Road Parsons, KS 67357
3	Carter & Carter LLC - Lawfirm	2345 Grand Blvd. Ste. 1675 Kansas City, MO 64108
4	Evergy/Kansas Gas & Electric	2605 Flynn Drive Parsons, KS 67357
5	William Rehmert	2362 22000 Road Parsons, KS 67357

## Landowners 1/2 mile Downstream of Great Plains Property Line/Point of Diversion

---

1	Evergy/Kansas Gas & Electric	2605 Flynn Drive Parsons, KS 67357
2	Bruce Schulz	2208 Belmont Ave. Parsons, KS 67357

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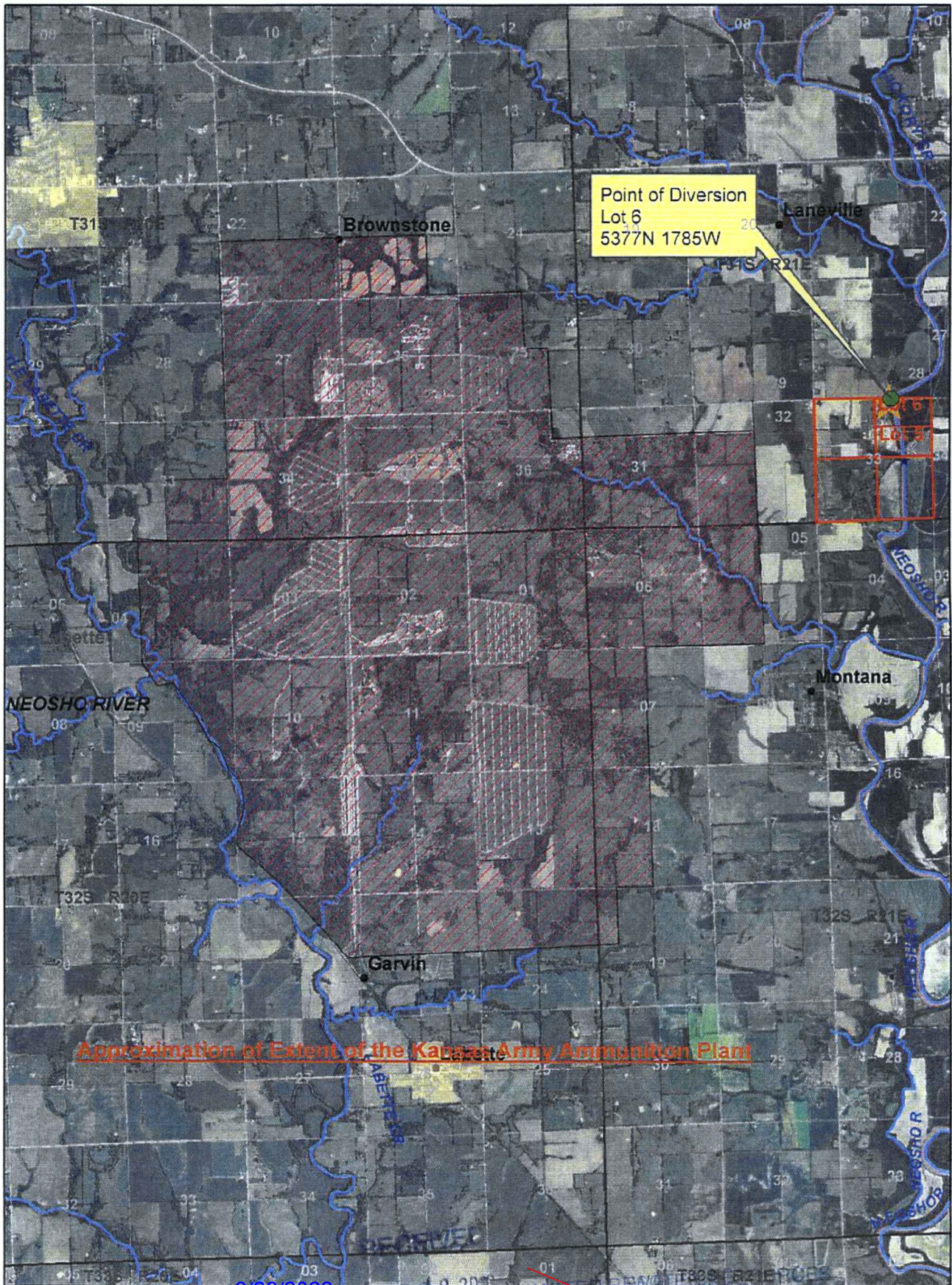
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# Kansas Army Ammunition Plant at Parsons



1:72,000

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TOPEKA FIELD OFFICE  
DIVISION OF WATER RESOURCES

SEP 01 2022

JAN 30 2012

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SCANNEL





Point of Diversion  
Lot 6  
5377N 1785W



NEOSHO RIVER

SCANNED

9/26/2022

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JAN 30 2012  
SEP 01 2022



8-29-2022

(Date)

Kansas Department of Agriculture  
Division of Water Resources  
Earl D. Lewis, Jr., Chief Engineer  
1320 Research Park Drive  
Manhattan, Kansas 66502

Re: Application  
File No. \_\_\_\_\_

Minimum Desirable Streamflow

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.

*Bradly T Reams*

Signature of Applicant

State of Kansas )  
County of Labe tte ) ss

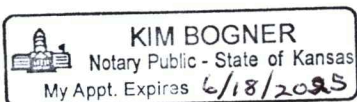
Bradly T Reams  
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 29<sup>th</sup> day of August, 20 22.

*Kim Bogner*

Notary Public

My Commission Expires:



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THE STATE OF KANSAS




**KANSAS DEPARTMENT OF AGRICULTURE**  
Mike Beam, Secretary of Agriculture

**DIVISION OF WATER RESOURCES**  
Earl D. Lewis Jr., Chief Engineer

**SWORN STATEMENT**  
**PURSUANT TO K.S.A. 82a-709**

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 September 20, 2022   
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.

**DATA ENTRY SYSTEM ID NUMBER SHEET**

**FILE NUMBER** 50871

<b>APPLICANT PERSON ID &amp; SEQ #</b>	<b>PDIV ID</b>	<b>BATTERY ID</b>
<b>63344</b>	<b>26137</b>	

<b>LANDOWNER PERSON ID &amp; SEQ #</b>	<b>PUSE ID</b>
<b>63344</b>	<b>66887</b>

<b>WATER USE CORRESPONDENT PERSON ID &amp; SEQ #</b>
<b>63344</b>