

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.

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THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49740
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.)

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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): Air Products Manufacturing Corporation
Address: 6601 S. Ridge Road
City: Haysville State KS Zip Code 67060
Telephone Number: (316) 522-8181

2. The source of water is: surface water in _____ (stream)
OR groundwater in Ninnescah 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 257.1 acre-feet OR 83.756 MM gallons per calendar year, to be diverted at a maximum rate of 240 gallons per minute OR 0.535 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. GMD Meets K.A.R. 5-3-1 (YES/NO) Use IND Source G/S County SG By Now Date 12/21/16
Code REJ Fee \$ 300 TR # _____ Receipt Date 12/21/16 Check # 430

12/27/2016 UM

5. The location of the proposed wells, pump sites or other works for diversion of water is:

Note: For the application to be accepted, the point of diversion location must be described to at least a 10 acre tract, unless you specifically request a 60 day period of time in which to locate the site within a specifically described, minimal legal quarter section of land.

- (A) One in the SW quarter of the SW quarter of the NE quarter of Section 33, more particularly described as being near a point 2,648 feet North and 2,505 feet West of the Southeast corner of said section, in Township 28 South, Range 1 East/West (circle one), Sedgwick 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):

same

(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 12/19, 2016. R-M-LB
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 well
(number of wells, pumps or dams, etc.)
and (was)(will be) completed (by) March 21 1980
(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 04/28/1982
(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. Not Applicable

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 _____

- 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.

File 38,491 is a modification, dated 11/6/2000, to file 34,384

File 39,797, dated 06/28/2002 for Section 28

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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.

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	03/21/1980	_____	_____	_____
Total depth of well	132 ft	_____	_____	_____
Depth to water bearing formation	50 ft	_____	_____	_____
Depth to static water level	50 ft	_____	_____	_____
Depth to bottom of pump intake pipe	131 ft	_____	_____	_____

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):

Not Applicable

(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 12/7/16, Kansas, this 7th day of Dec, 2016.
Wichita (month) (year)

R. M. III
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by _____ Date: _____
(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
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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**INDUSTRIAL USE
SUPPLEMENTAL SHEET**

File No. 34,384 & 38,491

Name of Applicant (Please Print): Air Products Manufacturing Corporation

1. Please describe type of industry or product produced: Manufacturing amine products

Standard Industrial Classification Code Number: 2869

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	WATER DIVERTED (GALLONS)	GALLONS PER PRODUCT PER DAY
5 years ago	43,800,000	76,400,000	0.00478
Last year	52,600,000	94,200,000	0.0049
Present year	58,900,000	92,000,000	0.00428

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	WATER TO BE DIVERTED (GALLONS)	GALLONS PER PRODUCT PER DAY
Year 1	55,000,000	93,500,000	0.00465
Year 2	43,800,000	74,500,000	0.00465
Year 3	51,600,000	87,800,000	0.00465
Year 4	55,300,000	94,100,000	0.00465
Year 5	58,100,000	98,800,000	0.00465

Number of days of operation of the industry per year is 365 days.

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.

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
33	28	01W	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	17

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

DWR 1-100.22 (7-7-00)

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WR NUMBER	PD	USE	OWNER
8936-00	27-28S-1W 5	IND	OCCIDENTAL CHEMICAL CORPORATION
8936-00	27-28S-1W 4	IND	OCCIDENTAL CHEMICAL CORPORATION
949089-00	27-28S-1W 3	CON	
8936-00	27-28S-1W 3	IND	
949087-00	27-28S-1W 6	CON	
8936-00	27-28S-1W 6	IND	
8936-00	27-28S-1W 7	IND	OCCIDENTAL CHEMICAL CORPORATION
8936-00	27-28S-1W 8	IND	OCCIDENTAL CHEMICAL CORPORATION
8936-00	27-28S-1W 9	IND	OCCIDENTAL CHEMICAL CORPORATION
949088-00	27-28S-1W 1	CON	OCCIDENTAL CHEMICAL CORPORATION
8936-00	27-28S-1W 1	IND	OCCIDENTAL CHEMICAL CORPORATION
8936-00	33-28S-1W 1	IND	
8936-00	33-28S-1W 6	IND	OCCIDENTAL CHEMICAL CORPORATION
8936-00	33-28S-1W 2	IND	
39797-00	33-28S-1W 5	IND	
34384-00	33-28S-1W 3	IND	AIR PRODUCTS MANUFACTURING CORPORATION
38491-00	33-28S-1W 3	IND	AIR PRODUCTS MANUFACTURING CORPORATION
38491-00	33-28S-1W 3	IRR	AIR PRODUCTS MANUFACTURING CORPORATION
36174-00	33-28S-1W 3	IND	AIR PRODUCTS MANUFACTURING CORPORATION
809001-00	33-28S-1W 4	CON	URS CORPORATION
34548-00	33-28S-1W 4	IND	URS CORPORATION
34548-00	33-28S-1W 4	CON	URS CORPORATION
809002-00	34-28S-1W 1	CON	URS CORPORATION
35393-00	34-28S-1W 1	IND	URS CORPORATION
35393-00	34-28S-1W 1	CON	URS CORPORATION

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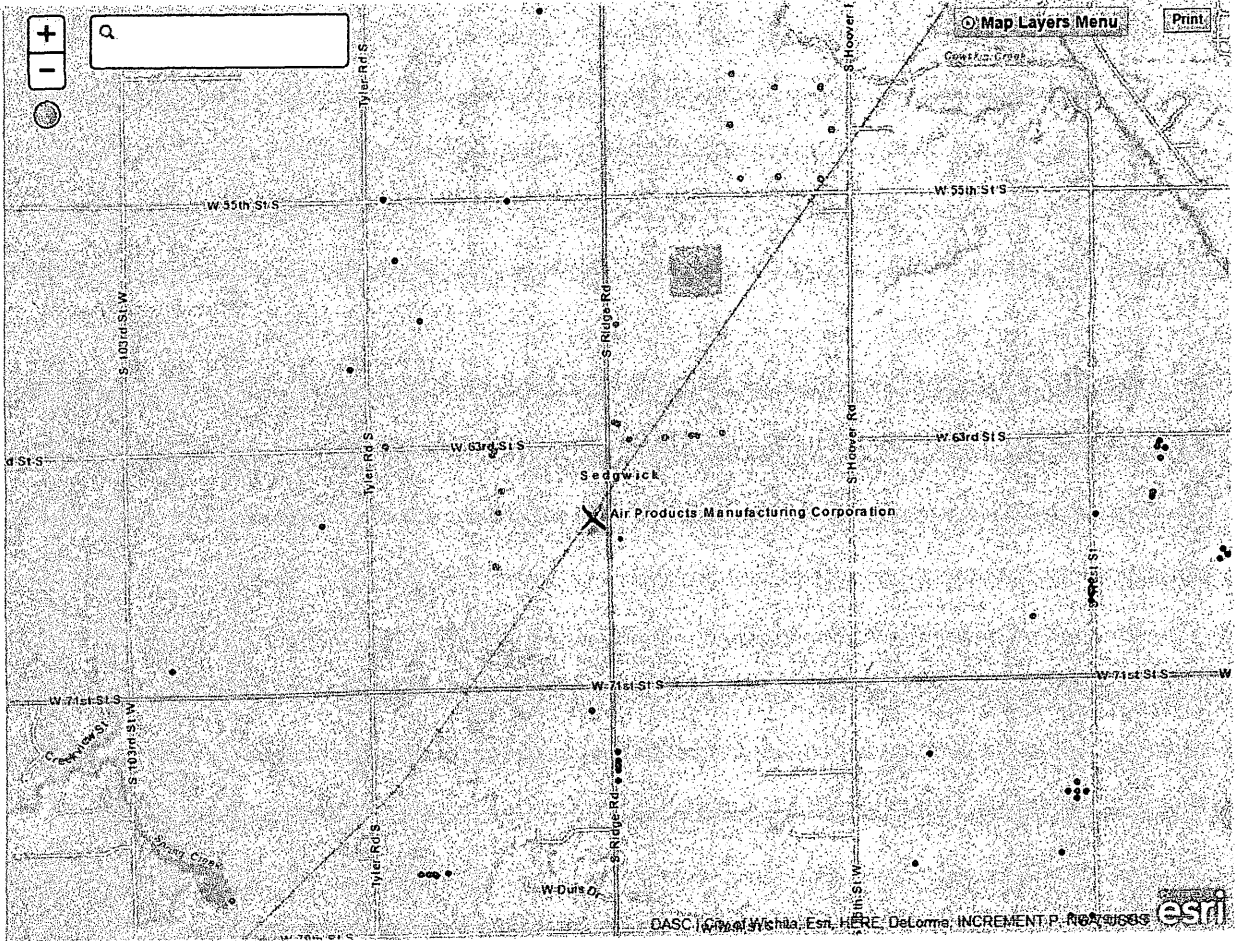
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Legend

- Domestic
- Industrial
- Irrigation
- Municipal
- Recreation
- Stock Watering
- Other

- Partial Tract
- Whole Tract



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Air Products Manufacturing Corporation
PO Box 12291
Wichita, KS 67277-2291
Ph: (316) 522-8181
Fax: (316) 522-1938

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December 2, 2016

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

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Subject: Air Products Manufacturing Corporation
File Numbers: 34,384 and 38491
Request to Increase Pump Rate

To Whom It May Concern,

Attached are a 1) Application form, 2) the Industrial Use Supplemental sheet, 3) maps, and 4) a list of nearby wells, to request an increase in the pump rate for File Number 38491. The water appropriation well in question is used as a backup to the plant's main well (File Number 39,797). However, the well operating at the current pump rate cannot provide a sufficient quantity of water to the plant if and when the main well is down for repairs or maintenance. As a result, the plant or portions thereof, must shut down. The requested pump rate will enable the plant to continue operations when the main well is down.

If you have any questions regarding this request, please contact Brent Inkelaar, Environmental, Health & Safety Manager at (316) 529-9636.

Thank you.

Ross M. Hufford III
Plant Manager



1320 Research Park Drive
Manhattan, Kansas 66502

Jackie McClaskey, Secretary

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

December 23, 2016

FILE COPY

AIR PRODUCTS MANUFACTURING CORPORATION
6601 S RIDGE ROAD
HAYSVILLE KS 67060

RE: Application
File No. 49746

Dear Sir or Madam:

Your application for permit to appropriate water in 33-28S-1W in Sedgwick 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) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Brent A Turney, P.G.
Change Application Unit Supervisor
Water Appropriation Program

BAT: dlw
pc: STAFFORD Field Office
GMD 0