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

1. File Number: 49,329		Change Date:	3. Field Office:	4. GI	MD: 3
5. Status: Approved Denied b	y DWR/GM	ID 🗆	Dismiss by Request	/Failure to Re	turn
6. Enclosures: ⊠ Check Valve ⊠ N of C Form	n 🗵] Water Tube	☑ Driller Copy	⊠ Met	er
7a. Applicant(s) Person ID 2 New to system ☐ Add Seq#		7c. Landowne New to sy		Perso Add S	
UNIFIED SCHOOL DISTRICT #216 803 BEECH DEERFEILD KS 67838 *Note Address Change*					
7b. Landowner(s) Person ID New to system ☐ Add Seq#		7d. Misc. New to sy	stem 🗌	Persoi Add S	
7a.					
8. WUR Correspondent Person ID New to system Add Seq# Overlap File (s) WUC Agree Yes No	orm 🔲	9. Use of Wate	er: Changing? ☑ Groundwater ☐ REC	☐ Yes ☐ Surface ☐ DEW	⊠ No Water □ MUN
7a.		□ sтк	SED	☐ DOM	☐ CON
			☐ WTR PWR	☐ ART RE	ECHRG
10. Completion Date: 12/31/2017 11. Po	erfection Da	ate: 12/31/2		Exp Date:	
13. Conservation Plan Required? ☐ Yes ☒ No Date R	Required:	Date	e Approved:	Date to	Comply:
14. Water Level Measuring Device? ☐ Yes ☒ No ☐	ate to Com	nply:	Date WLN	/ID Installed: _	
			Date Prepared: 1		ву: АМ _{Ву:} <i>Ш</i>

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KANSAS DEPARTMENT OF AGRICULTURE Division of Water Resources M E M O R A N D U M

TO: Files DATE: November 1, 2016

FROM: Austin McColloch RE: New Application, File No. 49,329

Unified School District #216 Deerfield has filed the above referenced application that was received in the Office of the Chief Engineer on March 3, 2015. The application is proposing to appropriate water at a maximum rate of 250 gallons per minute, for 10 acre-feet per calendar year for irrigation use. The applicant is requesting a 15 acre-feet exemption based on K.A.R. 5-23-4, with 5 acre-feet of the 15 acre-feet already being appropriated within a ½ mile by File No. 40,457. The proposed application is in the drainage basin of the Arkansas River. The source of supply appears to be the Ogallala formation (211).

The point of diversion is located in the Northwest Quarter of the Northwest Quarter of the Southwest Quarter (NW½NW½SW½) of Section 11 more particularly described as being near a point 2,100 feet North and 5,200 feet West of the Southeast Quarter of said section, in Township 24 South, Range 35 West, Kearny County, Kansas.

Due to the requested K.A.R. 5-23-4 15 acre-feet exemption, an evaluation of safe yield was not required. The requested 10 acre-feet for irrigation use on 12 acres appears to be reasonable, as it is well below the 2 acre-feet per acre reasonable quantity outlined in K.A.R. 5-3-24.

Multiple wells within ½ mile of the point of diversion were identified. All wells identified meet well spacing requirements as per K.A.R. 5-23-3. There are no other Ogallala formation wells within 660 feet. There does not appear to be any domestic well within 660 feet. The applicant requested to publish a public notice in a local paper for three consecutive weeks to notify nearby well owners of the proposed diversion works. No response of any kind was received.

The point of diversion is located within the boundary of Groundwater Management District No. 3. A letter was sent to GMD No. 3 for a recommendation on the application on September 20, 2016. Jason Norquest, Assistant Manager, GMD No. 3, provided a recommendation for approval on September 26, 2016.

The application has been reviewed by Mike Meyer, Water Commissioner at the Garden City Field Office. In an email dated November 1, 2016, Mr. Meyer recommended the approval of the application with the condition requiring the new well under this water right to be constructed so that the source of supply will be restricted to withdrawal of water from the Ogallala Formation.

In accordance with K.S.A. 82a-706(c), the Chief Engineer retains full authority to require any water user to install meters, gauges, or other measuring 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 thru K.A.R. 5-1-12. If any chemical or foreign substance is injected into the water pumped under this permit, a check valve will also need to be installed. A proposed rate of 250 gallons per minute requires a water level measuring tube.

Based on the above discussion, well spacing regulations are met, the application is not subject to safe yield criteria, and approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest, it is recommended that the referenced application be approved.

Austin McColloch
Environmental Scientist

1320 Research Park Drive Manhattan, Kansas 66502 (785) 564-6700



900 SW Jackson, Room 456 Topeka, Kansas 66612 (785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

UNIFIED SCHOOL DISTRICT #216 803 BEECH DEERFEILD KS 67838

November 7, 2016



RE: Appropriation of Water, File No. 49,329

Dear Sir or Madam:

There is enclosed a permit to appropriate water authorizing you 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), to divert such unappropriated water as may be available from the source and at the location specified in the permit, and to use it for the purpose and at the location described in the permit.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this permit. Please note condition No. 18, requiring the new well under this water right to be constructed so that the source of supply will be restricted to withdrawal of water from the Ogallala Formation. A water meter is required and you must install it prior to water being put to beneficial use in order for you to maintain accurate records of water use. The meter should be used to provide the information required on the annual water use report.

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 this permit. Enclosed is a form 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 set forth in the permit to complete diversion works or to perfect an appropriation.

For any reason, you require an extension of time, you must request it before the expiration of time set forth in this permit. Failure to comply with this regulation will result in the dismissal of your permit or your water right. Any request for extension of time shall be accompanied by the required statutory fee, which is currently \$100.00. There is also enclosed an information sheet setting forth the procedure to obtain a Certificate of Appropriation which establish the extent of your water right.

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 to that we may help you more efficiently.

Sincerely,

Change Application Unit Supervisor

Water Appropriation Program

BAT:am Enclosures

pc: Garden City Field Office

Groundwater Management District No. 3

KANSAS DEPARTMENT OF AGRICULTURE

Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCESDavid 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. 49,329 of the applicant

UNIFIED SCHOOL DISTRICT #216 803 BEECH DEERFEILD KS 67838

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 March 3, 2015.
- 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	NE	1/4		NW1⁄4				SW1/4				SE1/4				
			NW1⁄4	SW1/4	SE1/4	NE1/4	NW¼	SW1/4	SE1/4	NE1/4	NW¼	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	TOTAL
11	24S	35W									12.0		i I					12.0

- 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 Northwest Quarter of the Northwest Quarter of the Southwest Quarter (NW¼ NW¼ SW¼), of Section 11, more particularly described as being near a point 2,100 feet North and 5,200 feet West of the Southeast corner of said section, in Township 24 South, Range 35 West, Kearny 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 **250 gallons** per minute (0.55 c.f.s.) and to a quantity not to exceed **10 acre-feet** of water for any calendar year.
- 5. That installation of works for diversion of water shall be completed on or before <u>December 31, 2017</u> 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.

File No. 49,329 Page 2 of 4

6. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before <u>December 31, 2021</u> 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 applicant shall cause the new well under this water right to be constructed so that the source of supply will be restricted to withdrawal of water from the Ogallala Formation, thereby precluding withdrawal of water from any overlying water-bearing strata and insure that an adequate seal is placed between the Ogallala Formation and all overlying water-bearing strata so as to prevent any movement of water between formations.

This Order shall become a final agency action, as defined by K.S.A. 77-607(b), without further notice to the parties, if a request for hearing or a petition for administrative review is not filed as set forth below.

Request for Hearing. According to K.A.R. 5-14-3(c), any party who desires a hearing must submit a request within 15 days after the date shown on the Certificate of Service attached to this Order. Filing a request for a hearing will give you the opportunity to submit additional facts for consideration, contest any findings made by the Chief Engineer, or present any other information you believe should be considered in this matter. A timely-filed request for hearing will stay the deadline for requesting administrative review of this Order pending the outcome of the hearing.

Petition for Review. The applicant, if aggrieved by this Order, may petition for administrative review, pursuant to K.S.A. 82a-711(c) and K.S.A. 82a-1901(a). The petition must be filed within 30 days after the date shown on the Certificate of Service attached to this Order and must set forth the basis for the review, unless stayed by the timely filing of a request for hearing.

Any request for hearing or petition for administrative review shall be in writing and shall be submitted to the attention of: Chief Legal Counsel, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, Fax: (785) 564-6777.

Ordered this 3 day of November, 2016, in Topeka, Shawnee County, Kansas.

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 3 day of www. 2016, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



Umles & Merrang
Notary Public

CERTIFICATE OF SERVICE

On this The day of \	Sovember, 2016, 1	hereby certify that the fo	oregoing Approval of	Application
File No. 49,329, dated following:	ember 319 ,2016	was mailed postage pr	epaid, first class, US	S mail to the

UNIFIED SCHOOL DISTRICT #216 803 BEECH DEERFEILD KS 67838

With photocopies to:

Garden City Field Office

Groundwater Management District No. 3

Division of Water Resources

WATER RESOURCES RECEIVED

JUL 0 5 2016 HE STATE



OF KANSAS

WATER RESOURCES RECEIVED

> MAR 03 2015 4:01

KS DEPT OF AGRICULTURE

DIVISION OF WATER RESOURCES

KANSAS DEPARTMENT OF AGRICULTURE

KS DEPT OF AGRICULTURE

Dale A. Rodman, Secretary of Agriculture

File Number

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

APPLICATION COMPLETE Reviewer_Am

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.)

David W. Barfield, Chief Engineer RESOURCES CEIVED

To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture. 109 SW 9th Street, Second Floor, Topeka, KS 66612-1283. Name of Applicant (Please Print): USD#216 Deer Field Zip Code 67838 Telephone Number: (The source of water is: ☐ surface water in or groundwater in __ arkansas OR 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. __ acre-feet OR ______ gallons per calendar year. The maximum quantity of water desired is to be diverted at a maximum rate of 350gallons 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 (b) Irrigation (c) Recreational (d) Water Power (e) Industrial (f) Municipal (g) ☐ Stockwatering (h) Sediment Control (i) Domestic (j) Dewatering (k) Hydraulic Dredging (I) 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.

/NO) Use IRR Source @/S County KE

_ Receipt Date ろん

DWR 1-100 (Revised 02/16/2011)

Meets K.A.R. 5-3-1 (YES)

Fee \$

For Office Use Only:

F.O. 4 GMD

Code

3/9/2015 LLM

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 80 day period of time in which to locate the site within a specifically described, minimal legal quarter section of land. (A) One in the limit quarter of the sun quarter of land. (A) One in the limit quarter of the section of land. (B) One in the quarter of the quarter of the quarter of Section more particular described as being near a point feet North and feet West of the Southeast corner of sa section, in Township South, Range EastWest (circle one), County, Kansa described as being near a point feet North and feet West of the Southeast corner of sa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa described as being near a point feet North and feet West of the Southeast corner of sa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa section, in Township South, Range EastWest (circle one), County, Kansa section, in Townsh	
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9.	Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the	e diversion works?
	Yes 🖪 No If "yes", a check valve shall be required.	
	All chemigation safety requirements must be met including a chemigation permit and repor-	ting requirements.
10.	If you are planning to impound water, please contact the Division of Water Resources for submitting the application. Please attach a reservoir area capacity table and inform us courface drainage area above the reservoir.	assistance, prior to if the total acres of
	Have you also made an application for a permit for construction of this dam and reservoir Water Resources? ☐ Yes ☐ No	with the Division of
	If yes, show the Water Structures permit number here	
	If no, explain here why a Water Structures permit is not required	
11.	The application <u>must</u> be supplemented by a U.S.G.S. topographic map, aerial photographic showing the following information. On the topographic map, aerial photograph, or plat, iden section, the section lines or the section corners and show the appropriate section, township Also, please show the following information:	tify the center of the
ircle	(a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dam works) should be plotted as described in Paragraph No. 5 of the application, show distance and the East-West distance from a section line or southeast corner of section	ing the North-South
ircle MAP attached to to to attachen Application	(b) If the application is for groundwater, please show the location of any existing water wells mile of the proposed well or wells. Identify each existing well as to its use and furnish the address of the property owner or owners. If there are no wells within ½ mile, please and the property owner or owners.	ne name and mailing
Application roled "arec the propo	$a^{(c)}$ If the application is for surface water, the names and addresses of the landowner(s) ½ r $a^{(c)}$ mile upstream from your property lines must be shown.	nile downstream and
reled "arec the propo for the	(d) The location of the proposed place of use should be shown by crosshatching on the top photograph or plat.	ographic map, aerial
for the gation we	(e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying w diversion to the place of use.	ater from the point of
J	A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas 66047.	township and range f Kansas, Lawrence,
12.	 List any application, appropriation of water, water right, or vested right file number that cove points or any of the same place of use described in this application. Also list any other receive to existing permits or water rights in conjunction with the filing of this application. 	ers the same diversion nt modifications made
		Yes.
	MATER RECOURSES	WATERPEROUPOS
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				File No						
13.	Furnish the following well information if the prihas not been completed, give information ob				oundwater. If the well					
icc time	Information below is from: Test holes	☐ Well as	completed	☐ Drillers	s log attached					
ive time stablish stable and stable	Well location as shown in paragraph No.	(A)	(B)	(C)	(D)					
outer a	Total depth of well	-								
.44°	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 pla	ce where th	e water wi	I be used is that o					
	Superintendent of bistrict USI (owher, tenant, agent or otherwise)	D2164e	erfield							
15.	The owner(s) of the property where the water	er is used, if of	ther than the	applicant, is	(please print):					
					. ,					
	(name, add	ress and telep	hone numbe	r)						
	(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 Decreted, Kansa	ıs, this <u>3</u>	day of <u>Fe</u>	bruan	, 2015					
				(month)	(year)					
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	/(Applicant S/gnature)		APPLICANT	(S) SOCIAL S	ECURITY					
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	(Agent or Officer Signature)		APPLICANT(and/or S) TAXPAYER	LD NO (S)					
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	(Agent or Officer - Please Print)									
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IRRIGATION USE SUPPLEMENTAL SHEET

							F	ile No)											
			Nai	me of	Appl	icant	(Pleas	se Pri	nt): <u> </u>	<u>US1</u>	'C C	16	Dec	erfi	reli	9		_		
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	Indicate the soils in the field(s)	and their intake rates:		
	Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
	Total:	100 %		
b.	Estimate the average land slop	e in the field(s):		
	Estimate the maximum land sl	ope in the field(s):		
c.	Type of irrigation system you	propose to use (check one):		
	Center pivot	Center pivo	ot - LEPA	"Big gun" sprinkler
	Gravity system (furro		stem (borders)	
	Other, please describe:			
d.	System design features:			
	ii. For sprinkler systems:			
	•	rating pressure at the distribu	ition system:	psi
	•	kler package design rate?	-	·
		d diameter (twice the distance		vs water) of a sprinkler or
		of the system?	•	s water) or a sprainter or
	the outer roo rec	of the system.		
	(4)	6.1 1.11 1		
	, ,	copy of the sprinkler package	· ·	
e.	(4) Please include a Crop(s) you intend to irrigate.		· ·	

3795 W. Jones Ave. Garden City, KS 67846 PH: 620-277-2389



PO Box 639 Garden City, KS 67846 Fax: 620-277-0224

WO#: Customer Name: Deerfield USD #216 11269 **Date:** 10/31/16 E LOG: **Street Address:** 803 Beech St. Test #: No Deerfield, KS 67838 Driller: Dale Guinn City, State: County: Quarter: SW Section: 11 Township: 24 Range: 35 ΚE **GPS:** 37.97975, -101.13890 Location: NW of Ballfields Static WL: 10002 2948 25 Estimated? Yes Rig #: Elevation: Proposed Well Depth 347

Well Location

		Footage			
%	From	Pay	То	Description of Strata	
	0		2	Top Soil	
	2		14	Brown Sandy Clay	
	14		20	Blue Clay	
-	20		24	Fine to Medium Coarse Sand, Few Small Gravels	
	24		38	Brown Clay	
25	38	11	49	Fine to Medium Coarse Sand	
	49		60	Gray and Brown Clay	
25	60	6	66	Fine to Medium Sand, Few Coarse Sands	
	66		87	Brown and Blue Clay	
	87		100	Brown Clay	
10	100	7	107	Fine Sand w/a Few Clay Stringers	
	107		114	Blue Clay	
15	114	4	118	Fine to Medium Sand w/a Couple of Clay Stringers	
_	118		120	Blue Clay	
5	120	7	127	Fine to Medium Sand, Few Coarse Sand, Few Blue Clay Stringers	
	127		139	Blue Clay w/a Couple of Sand Strips	
	139		144	Brown Clay	
20	144	8	152	Fine to Medium Sand, Few Coarse Sand, Few Clay Stringers	_
	152		164	Brown and Blue Clay	
20	164	4	168	Fine to Medium Sand	
	168		180	Brown and Blue Clay	
10	180	17	197	Fine Sand w/ Some Clay Ledges	
30	197	17	214	Fine to Medium Coarse Sand, Small Gravels, Some Clay (Loose)	
	214		224	Brown Sandy Clay	
30	224	21	245	Fine to Medium Coarse Sand, Small Gravels (Loose)	
-	245		250	Brown Clay	
30	250	6	256	Fine to Medium Coarse Sand, Small Gravels	
	256		262	Brown Clay	
30	262	18	280	Fine to Medium Coarse Sand, Small Gravels (Loose)	
	280		284	Brown Clay	
25	284	6	290	Fine to Medium Coarse Sand	
_	290		299	Brown Sandy Clay	
20	299	21	320	Fine to Medium Sand w/a Couple of Clay Stringers	
	320		324	Brown Clay	
30	324	13	337	Fine to Medium Coarse Sand, Small Gravels (Loose)	
	337		345	Yellow Soapstone	
	345		360	Black Shale	
	360			TD 2 SuperGel X 1 PermaF	آلا
				3 Grout 1 Bit 4.75	
	+			6 HolePlug 3/4"	_

McColloch, Austin

From:

Whitesell, Alex

Sent:

Tuesday, November 1, 2016 2:48 PM

To:

McColloch, Austin

Subject:

FW: Deerfield USD #216 Test Hole

Attachments:

Deerfield USD 216 Location.pdf; Deerfield USD 216 SW 11-24-35 KE TH1.pdf

People getting us confused.

From: Meyer, Mike

Sent: Monday, October 31, 2016 4:56 PM

To: Whitesell, Alex **Cc:** Turney, Brent

Subject: FW: Deerfield USD #216 Test Hole

Alex, here is the test hole for the file, with Formation being the Ogallala, please put in the conditions that the top water producing formation shall be sealed off to prevent screening or migration of the water down. That seal should be 40 feet plug as stated below.

Please proceed with approval.

Mike

From: Tony Wedel [mailto:AWedel@hydroresources.com]

Sent: Monday, October 31, 2016 4:51 PM

To: Meyer, Mike < Mike. Meyer@ks.gov>; daniel.slack@usd216.org

Subject: Deerfield USD #216 Test Hole

Mike and Dan,

Here is a copy of the test hole log that was completed today. I would propose a total well depth of 347 feet with screen starting at approximately 180 feet and down. This will help mitigate the poor quality river water to an extent. I would likely put 40 feet of bentonite on top instead of the typical 20 feet, but I'll do whatever we need to Mike. We would propose an 8" PVC well drilled by reverse circulation, borehole would likely be 16".

Dan, this information should be enough to allow Mike to get working on a permit for you. If either of you have

questions, please ask.

Thank you both,

Tony Wedel General Manager/Geologist

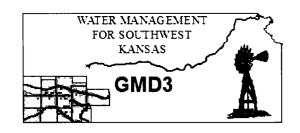


Hydro Resources PO Box 639 --- 3795 W. Jones Ave Garden City, KS 67846

Toll Free: 800-742-5899

Office: 620-277-2389 Fax: 620-277-0224 Cell: 620-640-1178

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Southwest Kansas Groundwater Management District No. 3 2009 E. Spruce Street Garden City, Kansas 67846

(620) 275-7147 phone (620) 275-1431 fax www.gmd3.org

September 26, 2016

Austin J. McColloch Kansas Department of Agriculture Division of Water Resources 1320 Research Park Drive Manhattan, Kansas 66502

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RE: New Appropriation, File No. 49,329

Dear Austin:

We have completed a review for the above referenced new appropriation. The proposal is not in conflict with the Management Program of the Southwest Kansas Groundwater Management District No. 3 (GMD3). Spacing is met to neighboring wells, confirmed through WRIS or GMD3 field records, in accordance with K.A.R. 5-23-3(a). They would be only allowed the requested 10 acre feet due to the 15 acre foot exemption allowed in K.A.R. 5-23-4(b)(4) and the fact that there has already been 5 acre foot authorized by this exemption within a 2 mile radius (Water Right 40,457). The application also appears to comply with the Upper Ark IGUCA order. It is therefore recommended that the application be approved at this time.

Thank you for the opportunity to review the applications and to provide a recommendation. If you have any questions, please don't hesitate to contact us.

Sincerely,

Jason L. Norquest

Assistant Manager

1320 Research Park Drive Manhattan, Kansas 66502 (785) 564-6700



900 SW Jackson, Room 456 Topeka, Kansas 66612 (785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

September 20, 2016

GROUNDWATER MANAGEMENT DISTRICT #3 2009 E SPRUCE ST GARDEN CITY KANSAS 67846

FILE COPY

Re:

Appropriation of Water,

File No. 49,329

Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by Unified School District #216 Deerfield and appears to be in proper form, for your review.

We are delaying any further action for a period of 15 days from the date of this letter to allow you time to submit your recommendations concerning these applications. Please submit your recommendations within the allotted time, or any authorized extension of time thereof.

If you have any questions, please contact me at (785) 564-6643. If you wish to discuss a specific file, please have the file number ready to that I may help you more efficiently.

Sincerely,

Austin McColloch Environmental Scientist Water Appropriation Program

auth n Cloth

Enclosure

pc: Garden City Field Office

CANNED

PUBLIC NOTICE

The Unified School District 216 Deerfield has filed an application with the Kansas Department of Agriculture, Division of Water Resources, 1320 Research Park Drive, Manhattan, Kansas, 66502, for permit to appropriate water for beneficial use, identified as File No. 49,329, which proposes to appropriate groundwater in the drainage basin of Arkansas River, to be diverted by means of one (1) well located in the Northwest Quarter of the Northwest Quarter of the Southwest Quarter (NW¼ NW¼ SW¼) of Section 11, more particularly described as being near a point 2,100 feet North and 5,200 feet West of the Southeast corner of said section, in Township 24 South, Range 35 West, Kearny County, Kansas, in an amount of 10 acre-feet per calendar year to be diverted at a maximum rate of 250 gallons per minute for irrigation use. Any interested party is invited to submit written comments to this office on or before Friday, August 5, 2016. Persons submitting written comments should specifically indicate their interest in the application in a clear and concise manner.

PUBLIC NOTICE

The Unified School District 216 Deerfield has filed an application with the Kansas Department of Agriculture, Division of Water Resources, 1320 Research Park Drive, Manhattan, Kansas, 66502, for permit to appropriate water for beneficial use, identified as File No. 49,329, which proposes to appropriate groundwater in the drainage basin of Arkansas River, to be diverted by means of one (1) well located in the Northwest Quarter of the Northwest Quarter of the Southwest Quarter (NW¼ NW¼ SW¼) of Section 11, more particularly described as being near a point 2,100 feet North and 5,200 feet West of the Southeast corner of said section, in Township 24 South, Range 35 West, Kearny County, Kansas, in an amount of 10 acre-feet per calendar year to be diverted at a maximum rate of 250 gallons per minute for irrigation use.

Any interested party is invited to submit written comments to this office on or before Friday, August 5, 2016.

Persons submitting written comments should specifically indicate their interest in the application in a clear and concise manner.

Published in Lakin Independent 1-8-16 - Friday paper due to 11th holiday

7-21-16

WATER RESOURCES
RECEIVED
SEP 1 6 2016
KS DEPT OF AGRICULTURE

WATER RECF RECF SEP 1 &

Turney, Brent

From:

Daniel Slack <daniel.slack@usd216.org>

Sent:

Thursday, June 30, 2016 12:56 PM

To:

Turney, Brent

Cc:

Daniel Slack

Subject:

Return Information

Hi Brent:

Thanks for taking the time to visit with me this morning, I appreciate it. I will have the documents in the mail today as discussed from our side. Also, as discussed, we are going to do the three publications and will get the required information from that process as it unfolds. I will be out of district as I travel to Missouri for the week of the 4th. My cell phone is as follows: 417-844-3069. If you have any questions or need any other information, please do not hesitate to call or otherwise.

Again, thanks for visiting and have a great day, Superintendent Daniel

Dr. Daniel Slack, Superintendent Deerfield USD 216 803 Beech Street Deerfield, Kansas 67838

Turney, Brent

From:

Daniel Slack <daniel.slack@usd216.org>

Sent:

Friday, September 16, 2016 5:05 PM

To: Cc: Turney, Brent

CC.

Daniel Slack

Subject:

Re: FW: Return Information

Attachments:

Water Well Info 2016 09 15 B.pdf

Hi Brent:

Attached is the Public Notice as directed by your agency. Now, what is next?

Please advise.

Sincerely,

Daniel Slack, Superintendent

WATER RESOURCES

SEP 1 6 2016

KS DEPT OF AGRICULTURE

Dr. Daniel Slack, Superintendent Deerfield USD 216 803 Beech Street Deerfield, Kansas 67838

On Thu, Sep 15, 2016 at 3:12 PM, Turney, Brent < Brent.Turney@ks.gov > wrote:

Daniel,

On June 30th I emailed you information concerning a public notice that was to have been published in the paper for 3 consecutive weeks. If this has been competed please send me a copy of the proof of publication. If you have not completed the publication, you will find attached the notice to be published. This notice must be published in a local newspaper once a week for three (3) consecutive weeks at your expense. The date in the publication must allow at least 15 days for public comment following the final publication. Copies of the publication are to be submitted to this office within two (2) weeks of final publication. Once published for three weeks you must provide proof of publication to this office.

Please don't hesitate to contact me if you have any questions.	•
Brent	
Brent A. Turney, P.G.	
Kansas Department of Agriculture	WATER RESOURCES RECEIVED
Division of Water Resources	SEP 1 6 2016
1320 Research Park Drive	KS DEPT OF AGRICULTURE
Manhattan Kansas 66502	
<u>(785) 564-6645</u>	
Brent.Turney@kda.ks.gov	
www.agriculture.ks.gov	
From: Turney, Brent Sent: Thursday, June 30, 2016 3:33 PM To: 'Daniel Slack' Subject: RE: Return Information	
Dan,	
We will contact you if we need any further information.	

Brent A. Turney, P.G.

Have a great 4th!

Brent

Kansas Department of Agriculture

Division of Water Resources

1320 Research Park Drive

Manhattan Kansas 66502

(785) 564-6645

Brent.Turney@kda.ks.gov

www.agriculture.ks.gov

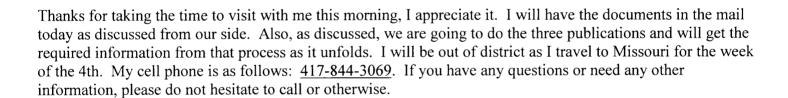
From: Daniel Slack [mailto:daniel.slack@usd216.org]

Sent: Thursday, June 30, 2016 12:56 PM

To: Turney, Brent **Cc:** Daniel Slack

Subject: Return Information

Hi Brent:



Again, thanks for visiting and have a great day,

Superintendent Daniel

Dr. Daniel Slack, Superintendent

Deerfield USD 216

803 Beech Street

MATER RESOURCES

SEP 1 6 2016

MS DEPT OF AGRICULTURE

Deerfield, Kansas 67838

Dr. Daniel Slack, Superintendent Deerfield USD 216 803 Beech Street Deerfield, Kansas 67838

Deerfield USD 216

Superintendent: Dr. Daniel J. Slack 806 Beech Street Deerfield, Kansas 67838

District: 620-426-8516 FAX: 620-426-7890

June 30, 2016

RE: Response to Application, File Number 49,329 letter dated June 21, 2016

Mr. Brent A. Turney, P.G. Change Application Unit Supervisor Water Appropriation Program 1320 Research Park Drive Kansas Department of Agriculture Manhattan, Kansas 66502

Dear Mr. Brent A. Turney:

There are no wells within 660 feet of the proposed point of diversion and we wish to publish for three consecutive weeks, a notice of proposed appropriation of water for beneficial use.

If you have any questions, please feel free to call at any time.

Sincerely,

Daniel J. Slack, Superintendent

WATER RESOURCES RECEIVED

JUL 0 5 2016

1320 Research Park Drive Manhattan, Kansas 66502 (785) 564-6700



900 SW Jackson, Room 456 Topeka, Kansas 66612 (785) 296-3556

Governor Sam Brownback

Jackie McClaskey, Secretary

June 21, 2016

UNIFIED SCHOOL DISTRICT #216 BOX 274 DEERFIELD KS 67838

RE: Application, File No. 49,329

Dear Sir or Madam:

Reference is made to the application for approval of the Chief Engineer to appropriate water for beneficial use under the referenced file number which was received in this office on March 3, 2015. Upon review of the application it is found that additional <u>info</u>rmation is needed.

On the enclosed map completed for the application to appropriate water for beneficial use, please show the location of all water wells of every kind within one-half (½) mile of the proposed well located in Section 11. Identify each well with its use (i.e., domestic, irrigation, industrial, municipal) and furnish the name and mailing address of each well owner(s). When completed sign the statement declaring all wells within one-half (½) mile of the requested point(s) of diversion have been plotted. If none exist, so state and add your signature to it.

As it appears that there may be a great number of domestic wells that may be difficult to locate, instead you may provide the above listed information for all wells of every kind within 660 feet of the proposed point of diversion and publish for three consecutive weeks, at your expense, a notice of the proposed appropriation of water for beneficial use. Should you choose to do the public notice please contact me so that I can assist you.

Your application is being returned so that you may supply the requested information. In order for the application retain its priority of filing the requested information must be supplied to complete the applications on or before **July 6, 2016**. According to law, default in supplying the requested information as outlined above within the time allowed or any authorized extension of time, shall cause dismissal of the application for change under the above referenced file number.

Should you need additional time in which to review and or provide the information and you want to request additional time, you must do so in writing, before the 15 day period expires. Such a request should state what steps are being taken to obtain the information and the amount of time you will need to supply the information to our office.

WATER RESOURCES RECEIVED

JUL 0 5 2016

KS DEPT OF AGRICULTURE

If you plan to go to the Division of Water Resources Field Office in your area for assistance please call the Garden City Field Office at (620) 276-2901 to set an appointment time. We appreciate you making an appointment, as it will save your time and allows us to better serve you. If you do go to the field office for assistance, please take this letter, the application, and any attachments.

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 I may help you more efficiently.

Sincerely,

Bren A. Turney, P.G.

Change Application Unit Supervisor

Water Appropriation Program

BAT:am Enclosures

pc: Garden City Field Office

Deerfield Public Schools

DISTRICT OFFICE 620-426-8516

High School 620-426-8401

MIDDLE SCHOOL 620-426-7901

ELEMENTARY 620-426-8301

FAMILY LEARNING CTR 620-426-2516

Bus Barn 620-426-7911

MISSION STATEMENT:

The mission of USD 216 is to provide a learning environment that promotes creative self-sufficient citizens.

USD 216 Deerfield Ms. Cheryl Cook Keim Superintendent of Schools 803 Beech Deerfield, KS 67838

February 25, 2015

RE: RESUMBISSION OF APPLICATION APPROPRIATE WATER FOR IRRIGATION

KS. Department of Agriculture 1320 Research Park Drive Manhattan, KS 66502

Dear Sir or Madam:

As Superintendent of School, representing USD #216 Deerfield, I am resubmitting the February 3, 2015 application of which was returned to me as "unacceptable for priority". I met with Mr. Jason Norquest, Southwest Kansas Groundwater Management District #3 for assistance in completing areas that were identified as unacceptable.

Please accept this resubmission as modified. An application fee of \$200 is enclosed with the resubmission of application.

Thank you for your time.

Respectfully Yours,

Cheryl Cook Keim
Superintendent of Schools
(620) 426-8516

WATER RES

WATER RESOURCES
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JUL 05

MAR 0 3 2015

KS DEPT OF AGREE

KS DEPT OF AGRICULTURE

1320 Research Park Drive Manhattan, Kansas 66502 (785) 564-6700



900 SW Jackson, Room 456 Topeka, Kansas 66612 (785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

June 21, 2016

UNIFIED SCHOOL DISTRICT #216 BOX 274 DEERFIELD KS 67838 FILE COPY

RE: Application, File No. 49,329

Dear Sir or Madam:

Reference is made to the application for approval of the Chief Engineer to appropriate water for beneficial use under the referenced file number which was received in this office on March 3, 2015. Upon review of the application it is found that additional information is needed.

On the enclosed map completed for the application to appropriate water for beneficial use, please show the location of all water wells of every kind within one-half (½) mile of the proposed well located in Section 11. Identify each well with its use (i.e., domestic, irrigation, industrial, municipal) and furnish the name and mailing address of each well owner(s). When completed sign the statement declaring all wells within one-half (½) mile of the requested point(s) of diversion have been plotted. If none exist, so state and add your signature to it.

As it appears that there may be a great number of domestic wells that may be difficult to locate, instead you may provide the above listed information for all wells of every kind within 660 feet of the proposed point of diversion <u>and</u> publish for three consecutive weeks, at your expense, a notice of the proposed appropriation of water for beneficial use. Should you choose to do the public notice please contact me so that I can assist you.

Your application is being returned so that you may supply the requested information. In order for the application retain its priority of filing the requested information must be supplied to complete the applications on or before **July 6, 2016**. According to law, default in supplying the requested information as outlined above within the time allowed or any authorized extension of time, shall cause dismissal of the application for change under the above referenced file number.

Should you need additional time in which to review and or provide the information and you want to request additional time, you must do so in writing, before the 15 day period expires. Such a request should state what steps are being taken to obtain the information and the amount of time you will need to supply the information to our office.

SCANNED

If you plan to go to the Division of Water Resources Field Office in your area for assistance please call the Garden City Field Office at (620) 276-2901 to set an appointment time. We appreciate you making an appointment, as it will save your time and allows us to better serve you. If you do go to the field office for assistance, please take this letter, the application, and any attachments.

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 I may help you more efficiently.

Sincerely,

Bren A. Turney, P.G. 🕨

Change Application Unit Supervisor

Water Appropriation Program

BAT:am Enclosures

pc: Garden City Field Office

Kopp, Kenneth

From:

Kopp, Kenneth

Sent:

Monday, May 18, 2015 9:48 AM

To:

'cheryl.keim@usd216.org'

Cc:

Meyer, Mike; Baum, Kristen

Subject:

FW: Irrigation Application File No. 49329

Attachments:

GMD3 Moritorium_Order_Jan2015.pdf

This application is within the boundaries of Groundwater Management District (GMD) No. 3, which was placed under a one (1) year moratorium for new applications beginning January 1, 2015, as requested by the GMD board of directors.

The proposed well is also located within the Arkansas River Intensive Groundwater Use Control Area (IGUCA) which closes the area to new appropriation, except for wells with a total diversion rate of 50 gallons per minute or less and a total quantity of not more than 25 acre-feet. Your application proposes a diversion rate of 250 gallons per minute, which would not qualify for the exception.

A copy of the moratorium order is attached. The application will be held, pending outcome of the GMD's review of safe yield. More information about the IGUCA can be found online at the following link:

http://agriculture.ks.gov/divisions-programs/dwr/managing-kansas-water-resources/intensive-groundwater-usecontrol-areas/lists/iguca-orders/arkansas-river-valley-iguca

Please feel free to contact me if you have further questions.

Kenneth A. Kopp, P.G. **Division of Water Resources** Kansas Department of Agriculture 1320 Research Park Drive Manhattan, Kansas 66502-5000 Web: http://agriculture.ks.gov/dwr

Phone: (785) 564-6634

From: Cheryl Keim [mailto:cheryl.keim@usd216.orq]

Sent: Tuesday, May 05, 2015 11:41 AM

To: KSAG Cc: ioeradio1

Subject: Irrigation Application File No. 49329

Dear Sir or Madam:

I am following up on an application that is awaiting processing for USD #216 Deerfield, 11-24-35-W Kearny County. Could you please provide me with an update as to where the application is currently in the "awaiting process"?

Thanks for your time.

Sincerely,

Cheryl Cook-Keim USD 216 Deerfield Superintendent (620) 426-8516 (W) (620) 640-8522 (C)

The objective of education is to prepare the young to educate themselves throughout their lives.

-Robert Maynard Hutchins

1320 Research Park Drive Manhattan, Kansas 66502



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

Sam Brownback, Governor

Jackie McClaskey, Secretary

March 5, 2015

USD 216 DEERFIELD 803 BEECH DEERFIELD KS 67838

> RE: Application File No. 49329

Dear Sir or Madam:

Your application for permit to appropriate water in 11-24-35-W in Kearny 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) 564-6643. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Brent Turney, L.G.

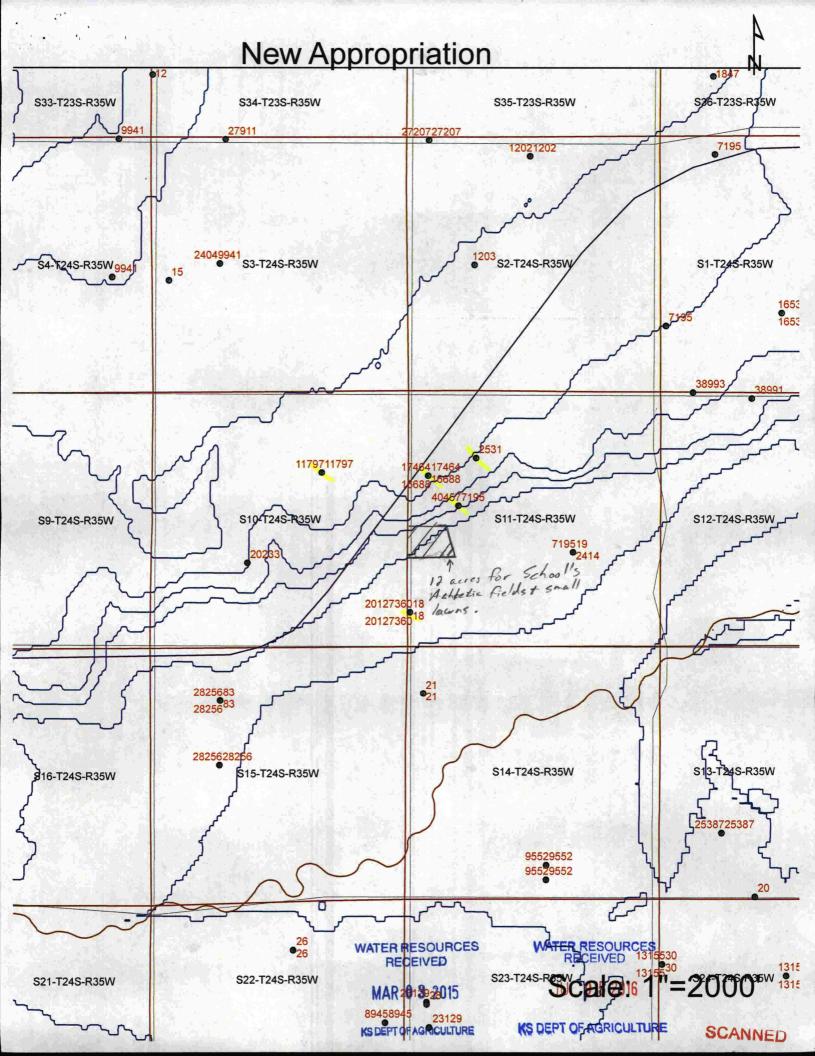
Change Application Unit Supervisor

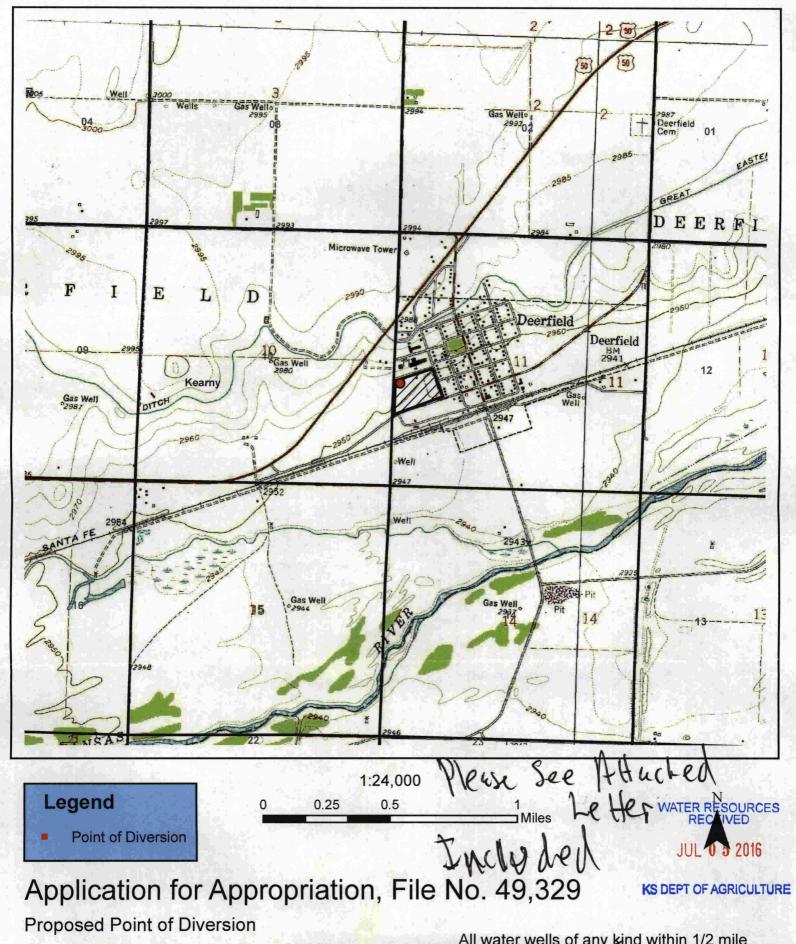
Water Appropriation Program

BAT: dlw

pc: GARDEN CITY Field Office

GMD 3

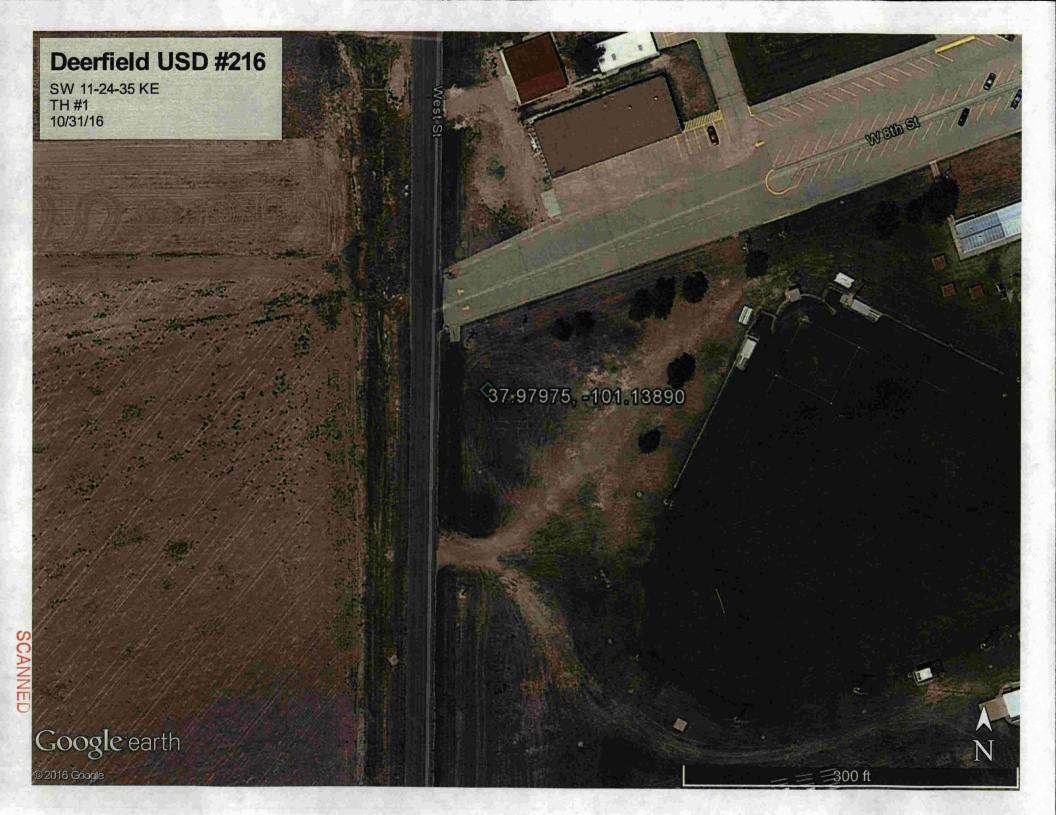




Proposed Point of Diversion Sec. 11 - Twn. 24 South - Rng. 35 West Kearny County

All water wells of any kind within 1/2 mile of the proposed point of diversion are shown:

SCANNDate



Area Where a New Well Does Not Meet Spacing in Deerfield 1202 17464 16688 KE 197195 ©2414 20233 KE 18 KE 21 28256 25387 ESOURCES WATER RESC Does Not Meet Spacing KE 26 SCANNED 1 18 RECEIVED

area circled KS DEPT OF AGRICULTURE

1:24,000

MAR 0 3 2015

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KS DEPT OF AGRICULT

