11/5/2024 KJN



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OCT 31 2024

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

KANSAS DEPARTMENT OF AGRICULTURE

Mike Beam, Secretary of Agriculture

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:

	Name of Applicant (Please F			
	Address: 611 N Mulberry	Roau	Ctata I/C	7in Codo (7007 0500
	City: Derby		State KS	Zip Code <u>67037-3533</u>
	Telephone Number: (316)	<u>788-1519</u>		
2.	The source of water is:	☐ surface water in		stream)
	OR	□ groundwater in	Arkansas River Basin	nage basin)
	when water is released from	m storage for use by vertice date we receive you	water assurance district mem	may be subject to administration bers. If your application is subject the appropriate form to complete
3.	The maximum quantity of v	water desired is 50	acre-feet OR XXXXX	XXX gallons per calendar year,
Ο.				
0.	to be diverted at a maximu			XXXXXX cubic feet per second
0.	Once your application has requested quantity of wat requested maximum rate of	im rate of <u>100</u> been assigned a priter under that priorite of the priorite of the priorite of diversion and maximatical maximatical of the priorite of the pr	gallons per minute OR XX gority, the requested maximum ty number can NOT be incr	m rate of diversion and maximum reased. Please be certain you propriate and reasonable for you
4.	Once your application has requested quantity of wat requested maximum rate of	om rate of 100 been assigned a pricter under that priorite for diversion and maximagreement with the	gallons per minute OR XX fority, the requested maximum ty number can NOT be incremum quantity of water are ap the Division of Water Resources	m rate of diversion and maximum reased. Please be certain you propriate and reasonable for you
	Once your application has requested quantity of wat requested maximum rate o proposed project and are in	om rate of 100 been assigned a pricter under that priorite for diversion and maximagreement with the	gallons per minute OR XX fority, the requested maximum ty number can NOT be incremum quantity of water are ap the Division of Water Resources	cubic feet per second rate of diversion and maximum reased. Please be certain your propriate and reasonable for your s' requirements.
	Once your application has requested quantity of wat requested maximum rate o proposed project and are in	to the properties of the properties and the priority of diversion and maximal agreement with the properties of the prope	gallons per minute OR XX ority, the requested maximur ty number can NOT be incremum quantity of water are ape Division of Water Resources neck use intended):	m rate of diversion and maximum reased. Please be certain your propriate and reasonable for your s' requirements.
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	Once your application has requested quantity of wat requested maximum rate oproposed project and are in The water is intended to be (a) Artificial Recharge (e) Industrial	to the property of the propert	gallons per minute OR XX fority, the requested maximum ty number can NOT be incommum quantity of water are apple Division of Water Resources heck use intended): (c) ⊠ Recreational (g) □ Stockwatering (k) □ Hydraulic Dred	m rate of diversion and maximum reased. Please be certain your propriate and reasonable for your s' requirements. (d) □ Water Power (h) □ Sediment Control

		File No
5.	The	location of the proposed wells, pump sites or other works for diversion of water is:
		e: 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 <u>SW</u> quarter of the <u>SE</u> quarter of the <u>SE</u> quarter of Section <u>18</u> , more particularly described as
		being near a point 1315 feet North and 1350 feet West of the Southeast corner of said section, in
		Township 29 South, Range 2 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)	
	(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.
	wells	e source of supply is groundwater, a separate application shall be filed for each proposed well or battery on s , except that a single application may include up to four wells within a circle with a quarter ($\frac{1}{4}$) mile radiust e same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute pent.
	than pum	attery of wells is defined as two or more wells connected to a common pump by a manifold; or not more four wells in the same local source of supply within a 300 foot radius circle which are being operated by ups not to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a mon distribution system.
6.	The	owner of the point of diversion, if other than the applicant is (please print):
	N/A	
	N/A	(name, address and telephone number)
	14//	(name, address and telephone number)
	land	must provide evidence of legal access to, or control of, the point of diversion from the landowner or the lowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other ument 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
	land	Applicant's Signature applicant must provide the required information or signature irrespective of whether they are the lowner. Failure to complete this portion of the application will cause it to be unacceptable for filing and the
	app	lication will be returned to the applicant.
7.	The	proposed project for diversion of water will consist of four (4) wells (number of wells, pumps or dams, etc.)
	and	(was)(will be) completed (by) immediately after approval of this application (Month/Day/Year - each was or will be completed)
		(Month/Day/Year - each was or will be completed) WATER RESOURCES

5.

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8. The first actual application of water for the proposed beneficial use was or is estimated to be immediately after well installation and development (Mo/Day/Year)

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KS Dept. of Agriculture

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? \square Yes \square 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 <u>must</u> 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 ½ 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 ½ mile, please advise us.
	(c) If the application is for surface water, the names and addresses of the landowner(s) $\frac{1}{2}$ mile downstream and $\frac{1}{2}$ 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.

 The City previously applied for water rights at this location and was approved (50219-00). The water right was dismissed pending completion. The well was not completed since the well drilled was dry. Other domestic wells drilled in the area extended deeper than the well the City drilled and are able to yield 20-25 gpm. The City would like to install new well(s) as needed to get 100 gpm. The application notes up to four wells can be installed with one application- the City requests up to five wells if they can only supply 20 gpm each.

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	Information below is from: Test holes	□ Wel	l as completed	□ Drillers lo	g attached
	Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
	Date Drilled	4/5/18			
	Total depth of well	86			
	Depth to water bearing formation		- ;	· .	
	Depth to static water level	30	_		
	Depth to bottom of pump intake pipe	-	_		
14.	The relationship of the applicant to the propound Owner (owner, tenant, agent or otherwise)	osed place	where the wate	r will be used is	that of
45	The owner(s) of the property where the wat	er is used,	if other than the	applicant, is (ple	ease print):
15.	The owner(s) of the property where the wat	,			
15.			elephone numbe	r)	
15.				r)	
15.	(name, add	lress and te			
16.	(name, add	dress and te	elephone numbe	r)	ner knowledge and
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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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DWR Form 1-100.23

Irrigation Use Supplemental Sheet

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IRRIGATION USE SUPPLEMENTAL SHEET

							File	No.											
		1	Name	of A	pplica	ınt (Pi	lease	Print)	City	of De	erby							_	
1. 1	Plouse lesign											logal orty a	desc cre tr	riptio act or	n of i	he la ional	nds to portio	be in	rigated, an reof:
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S S	Т			N	B14	DRE	SS:_	Andrew Com	The same of	SE.	NE	W. W CON ST.	Marie Street and			The real Property lies	Street, or other Designation of the last	85	TOTAL
S	Т			N	B14	DRE	SS:_	Andrew Com	The same of	SE	NE	W. W CON ST.	Marie Street and	SE		The real Property lies	Street, or other Designation of the last	SE	TOTAL

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Name of field (%) (in/hr) Grow (in/hr) Sand 14.5 Shale 33.7 Limestone 4.8 Total: 100 % Estimate the average land alope in the field(s): 2 % Estimate the maximum land alope in the field(s): 33.3 % Type of irrigation system you propose to use (check one): Center pivot Center pivot - LEPA "Big gun" apr Gravity system (furrows) Gravity system (borders) Sideroll sprint Other, please describe; commercial sprinkler system System design features: Describe how you will control tailwater: N/A - sprinkler systems: (1) Estimate the operating pressure at the distribution system: 90 pel (2) What is the sprinkler package design rate? 100 gpm (3) What is the wotted diameter (twice the distance the sprinkler throws water) of a sprinkle outer 100 feet of the system? N/A feet (4) Please include a copy of the sprinkler package design information. Crop(s) you intend to irrigate. Please note any planned crop rotations: Fescue and native grass.		1120	(s) and their intake rates:		
Sand Shale Shale 33.7 Limestone 4.8 Total: 100 % Estimate the average land slope in the field(s): Estimate the maximum land slope in the field(s): Center pivot Center pivot Center pivot - LEPA "Big gun" apr Gravity system (furrows) Gravity system (borders) Sideroil sprint Other, please describe: commercial sprinkler system System design features: i. Describe how you will control tailwater: N/A - sprinkler systems: (1) Estimate the operating pressure at the distribution system: 90 psl (2) What is the sprinkler package design rate? 100 gpm (3) What is the world diameter (twice the distance the sprinkler throws water) of a sprinkle outer 100 feet of the system? N/A feet (4) Please include a copy of the sprinkler package design information. Crop(s) you intend to irrigate. Please note any planned crop rotations: Fescue and native grass.					Irrigation Design Group
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Limestone Total: 100 %	Sai	nd	14.5	-	***************************************
Total: Total: 100 %	Sha	ale	33.7		-
Estimate the maximum land alope in the field(s): Type of irrigation system you propose to use (check one): Center pivot Center pivot Gravity system (furrows) Gravity system (borders) Other, please describe: commercial sprinkler system System design features: Describe how you will control tailwater: N/A - sprinkler system ii. For sprinkler systems: (1) Estimate the operating pressure at the distribution system: 90 psi (2) What is the sprinkler package design rate? 100 gpm (3) What is the wotted diameter (twice the distance the sprinkler throws water) of a sprinkle outer 100 feet of the system? N/A feet (4) Please include a copy of the sprinkler package design information. Crop(s) you intend to irrigate. Please note any planned crop rotations: Fescue and native grass.	Lir		The state of the s	41-121-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
Type of irrigation system you propose to use (chock one): Center pivot	Estir	nate the average land sle	ope in the field(s):	2 %	
Center pivot	Betir	nate the maximum land	slope in the field(s):	33.3 %	
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f. Please describe how you will determine when to irrigate and how much water to apply (part important if you do not plan a full irrigation).		For sprinkler systems: (1) Estimate the op (2) What is the sprinkler systems: (3) What is the well outer 100 feet of (4) Please include	perating pressure at the distriction of the system? N/A a copy of the sprinkler packs	100 gpm nce the sprinkler throws wate feet age design information.	0
important if you do not plan a full irrigation).	. Cr	(1) Estimate the op (2) What is the special (3) What is the west outer 100 feet (4) Please include op(s) you intend to irrigate	perating pressure at the distriction of the system? N/A a copy of the sprinkler packs	100 gpm nce the sprinkler throws wate feet age design information.	0
	. Cro	For sprinkler systems: (1) Estimate the op (2) What is the sprinkler is the sprinkler systems: (3) What is the well outer 100 feet of (4) Please include op(s) you intend to irrigate the sprinkler is the sprinkler include op(s).	perating pressure at the distriction of the system? A copy of the sprinkler package at the distriction of the system? The system is a copy of the sprinkler package at th	100 gpm nce the sprinkler throws water feet age design information. I crop rotations:	er) of a sprinkler on t
Full Irrigation. The rate will vary as needed to sustain established vegetation.	. Cro	For sprinkler systems: (1) Estimate the op (2) What is the sprinkler is the sprinkler systems: (3) What is the well outer 100 feet of (4) Please include op(s) you intend to irrigate the sprinkler is the sprinkler include op(s).	perating pressure at the distriction of the system? A copy of the sprinkler package at the distriction of the system? The system is a copy of the sprinkler package at th	100 gpm nce the sprinkler throws water feet age design information. I crop rotations:	er) of a sprinkler on t
may attach any additional information you believe will assist in informing the Division of the need	Fes	For sprinkler systems: (1) Estimate the op (2) What is the special country of the special	perating pressure at the distriction of the system? a copy of the sprinkler package across note any planned will determine when to irrigation).	100 gpm nce the sprinkler throws water feet age design information. I crop rotations:	er) of a sprinkler on t

OCT 3 1 2024 Page 2 c

DWR Form 1-100.25

Recreational Use Supplemental Sheet

WATER RESOURCES RECEIVED

OCT 31 2024

KS Dept. of Agriculture

WATER RESOURCES
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RECREATIONAL USE SUPPLEMENTAL SHEET

OCT 31 2024

KS	Der	ot.	of	Agri	cu	lture
110	2	J C.	0.	, .9	-	

	File No
	Name of Applicant (Please Print): City of Derby
Please	indicate type of recreational use (boating, fishing, swimming, etc.): Aesthetic amenity
to pa	rk and storm water detention.
Please	summarize how the water will be used and justify the quantity of water requested:
	NY WILL BO LLOOK TO TILL THE HOND TO BE COTOTIO HODEL WOLLING OF 1/206 6
vval	er will be used to fill the pond to a static pool volume of 1295.5.
	ational Use – Net Evaporable Loss of Pond:
Recre	ational Use – Net Evaporable Loss of Pond:
Recre	

3. Please complete the following table showing estimated future water requirements:

ESTIMATED FUTURE WATER DIVERTED/STORED

NEXT 5 YEARS	WATER TO BE DIVERTED (ACRE-FEET OR GALLONS)
Year 1	8.92 AC-FT
Year 2	8.92 AC-FT
Year 3	8.92 AC-FT
Year 4	8.92 AC-FT
Year 5	8.92 AC-FT

Please attach any additional information, tables, or curves 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 by providing the fractional part of the Section, Township and Range.

All water will be used in the N 1/2, SE1/4 of Section 18, T29S, R2E. See

attachment 3.	, , , , , , , , , , , , , , , , , , ,			
r il		·	, <u> </u>	

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

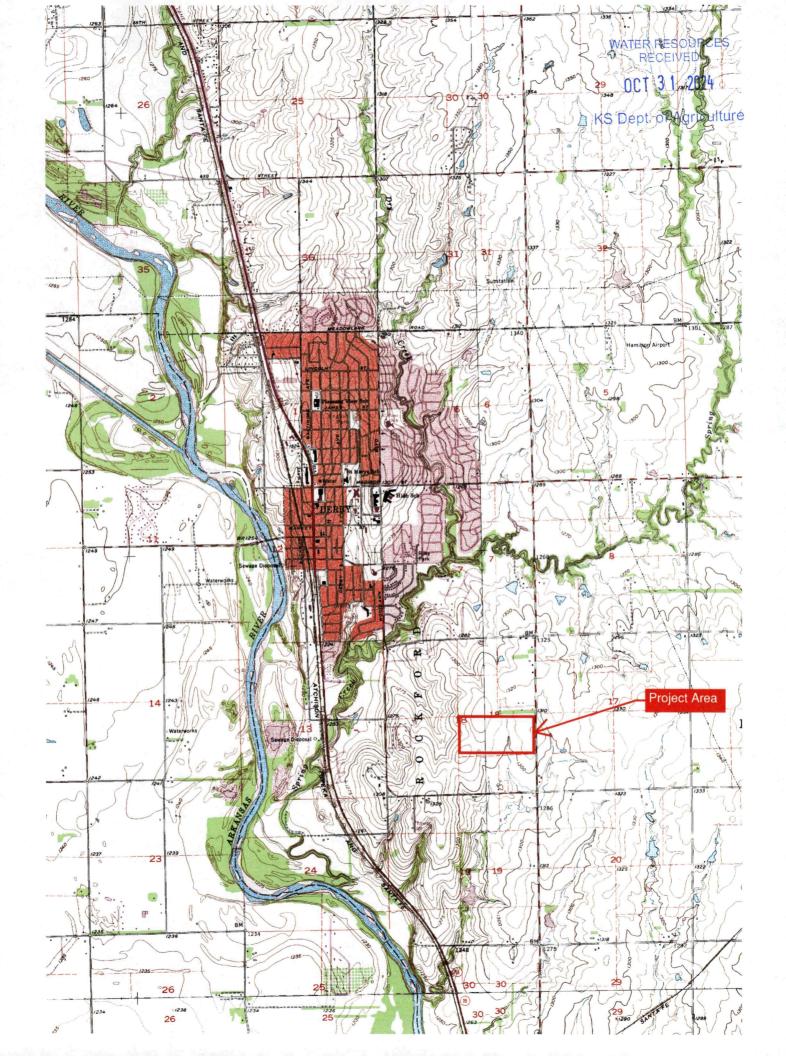
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OCT 3 1 2024

KS Dept. of Agriculture

Attachment No. 1

USGS Map



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OCT 31 2024

KS Dept. of Agriculture

Attachment No. 2

Water Right Well Spacing Map

Recreational Use – Net Evaporable Loss of Pond:

$$\frac{20"\, Evaporable\, Loss}{12 \frac{in}{ft}} \times 5.35\, AC\, Pond\, Surface\, Area\, = 8.92\, AC - FT$$

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Irrigation Use:

$$\frac{1.3\,AC - FT}{AC} \times 44.64\,Irrigated\,AC = 58.03\,AC - FT$$

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Attachment No. 3

Place of Use Map and Calculations

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OCT 31 2024

KS Dept. of Agriculture

Attachment No. 4

Well Driller's Log

1 LOCATION Sedgw		R WELL:	FRACTION SW 1/4	SE 1	/4 SE	1/4 SECTI	ON NUMBER	T 29		RANGE NU	
		n nearest town or city s		- "		1/4	10	1 2	, ,	N ZE	LIVV
		87th & 1/4 m. \				, Kansas					
	R WELL C	WNER: DER	BY, CITY O	F	2010)	, runsus			Board of Apric	ulture, Division of W	Vater Resource
RR#,ST. A			N. Mullberry y, Kansas	Rd.		710	CODE: 67	837	Application Numb		Tales Treeseries
2				V CTCD WEL	1: 86			ELEVATION:	Application Home		
	WELL'S LC "X" IN SEC N	CTION BOX:	DEPTH OF COMP oth of groundwate			ft.		ELEVATION.	ft.		ft.
	Ť		ELL'S STATIC WA		30	FT. BELOV	V LAND SUI	RFACE MEASU	JRED ON mo/da	ay/yr: 4/5	/18
1	ww -	NE	Pu	mp test data:	Well water	er was		ft. after	hours	of pumping @	gpn
w Wije			Est. Yield:	gpm	Well wat			ft. after		of pumping @	gpm
₹ w			ore Hole Diamete ELL WATER TO E		in.	to 8	6 ft.	and	in.	to	ft. ction well
	sw	22		Feedlot	5. Public wat	er supply	7. Lawn a	nd garden only	→ 9. Dewaterin	12. Other (S	
					6. Oil field wa		8. Air cond		10. Monitorin	g well hat mo/day/yr v	was sample
	S		las a chemical/bacte bmitted	eriological sampl	le submitted to D	epartment?	YES Was W	ater Well Disin			NO
5 TYP	E OF CAS	SING USED:		· I	7 Fibereless	9 Ot	her (Specify		SING JOINTS: C	Glued	Threaded
	Steel	3. RPM (SF	*		7. Fiberglass	SDE		20.01.,		Welded	Clamped
	PVC	> 4. ABS	6. Asbesto		8. Concrete til	е	C-20	4			
Blank casir	ng diamete	er 5	in. to	45 ft.,	Dia.	in.	to	ft.,		n. to	ft.
		e land surface:	12 in.,		Weight:	2.35 lb	s. / ft.	Wall th	nickness or gaug	e No214	,
1. Steel		OR PERFORATION 3. Stainless Steel	5. Fiberglass		7. PVC	9. A	38	11. Ot	ther (specify)		
2. Brass		4. Galvanized	6. Concrete		B. RMP (SR)	10. As	sbestos-Cen	nent 12. No	one used (open i	hole)	
SCREEN C	OR PERFO	DRATION OPENING	SS ARE								
	uous slo			Gauzed wrap	pped	7. To	rch cut	9. Dril	led holes	11. None (open hole)
2. Louve	red shutte	er 4. Key p	unched 6.	Wire wrappe	ed	(8. Sa	w cut	10. Oth	er (specify)		
SCREEN.	PERFOR	ATION INTERVAL	From	45 ft	. to	86	ft.,	From	ft.	to	ft.
OUNCELING	LINION	TIONITERVAL	From	ft			ft.,	From	ft.	to	ft.
GF	RAVEL PA	CK INTERVALS:	From	24 ft	-	14.14	ft.,	From	ft.	to	ft.
			From	ft	. to		ft.,	From	ft	to	ft.
6 GROU	T MATER	IALS: 1 Nest	cement	2. Cemer			. Bentonite			onite hole pl	
	ntervals:	From 4	ft. to			ft.	to	ft.,	From	ft. to	_
		ource of possible co		7. Pit privy	1	0. Livestoc	k pens	13 Insect	ticide storage	15. Oil well/	Gas well
1. Septic		4. Latera	ii iiiies	8. Sewage la		1. Fuel sto			don water well	16. Other (s	
2. Sewer		5. Cess fer line 6. Seepa	001	9. Feed yard		12. Fertilize		14. Abain	aon water wen		pparent
Direction f	rom well?	erline o Seepa	ge pit	o oou juru				How m	nany feet?		
From	То		LITHOLOGI	CLOG		From	То		LITHOLO	GIC LOG	
0	3	topsoil									
42	42	clay				-					
54	54 82	medium sand gray shale			7				1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
82	86	limestone									
		Virginia de la compansión de la compansi				-					
						-					
7-41											
		1								ESOURCES EIVED	
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									001 3	1 2024	
									(S Dont of	A ami = It	
									THE RESERVE OF THE PARTY.	Agricultur	
7 Cont	tractor's or	Landowner's Certif			$\overline{}$		constructed		La la ca	under my jurisdie	ction and
was cor	mpleted or	(mo/day/year)	4/5/18	а	and this record	is true to the	e best of my	knowledge and			
Kansas	Water We	ell Contractor's Licer	rse No. 236		This water w	ell record wa	as completed	d on (mo/day/ye		9/18	
under th	ne busines	s name of Harp	Well and Pu	ımp Servi	ce	by (si	ignature)	Τ	odd S	. Har	b
								and the second s			

WATER WELL RECORD Form WWC-5 KSA 82a-1212



DECARSKY PARK – PHASE 2 DERBY, KANSAS

WATER RESOURCES
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OCT 31 2024

/3:00

KS Dept. of Agriculture

APPLICATION FOR PERMIT TO APPROPRIATE
WATER FOR BENEFICIAL USE – GROUND AND
SURFACE WATER

PEC PROJECT NO. 35-231214-000-0180

OCTOBER 2024

PREPARED BY:

PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 S. TOPEKA WICHITA, KANSAS



October 07, 2024

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

WATER RESOURCES
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OCT 31 2024

KS Dept. of Agriculture

Reference:

Decarsky Park – DWR Groundwater Permit

Application for Permit to Appropriate Water for Beneficial Use

PEC Project No. 35-231214-000-0180

To Whom It May Concern,

This letter, along with the accompanying documentation is provided to solicit comments from DWR for the permits associated with the proposed construction of a water well in Decarsky Park, Derby, Sedgwick County, Kansas. Accordingly, the following items are included with this letter:

- 1. DWR Form 1-100 Application for Permit to Appropriate Water for Beneficial Use
- 2. DWR Form 1-100.23 Irrigation Use Supplemental Sheet
- 3. DWR Form 1-100.25 Recreational Use Supplemental Sheet
- 4. Attachment No. 1 USGS Map
- 5. Attachment No. 2 Water Right Well Spacing Map
- 6. Attachment No. 3 Place of Use Map
- 7. Attachment No. 4 Well Driller's Log

In accordance with DWR 1-100, a check in the amount of \$200 is included and made payable to the Kansas Department of Agriculture as indicated.

If you have any questions or require additional information in order to make a determination, please contact me by phone at (316)206-1343 or by email at nicole.franken@pec1.com.

Respectfully,

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

nicole Franken

Nicole Franken, P.E. Design Engineer

NDF:ev

WATER RESOURCES
RECEIVED

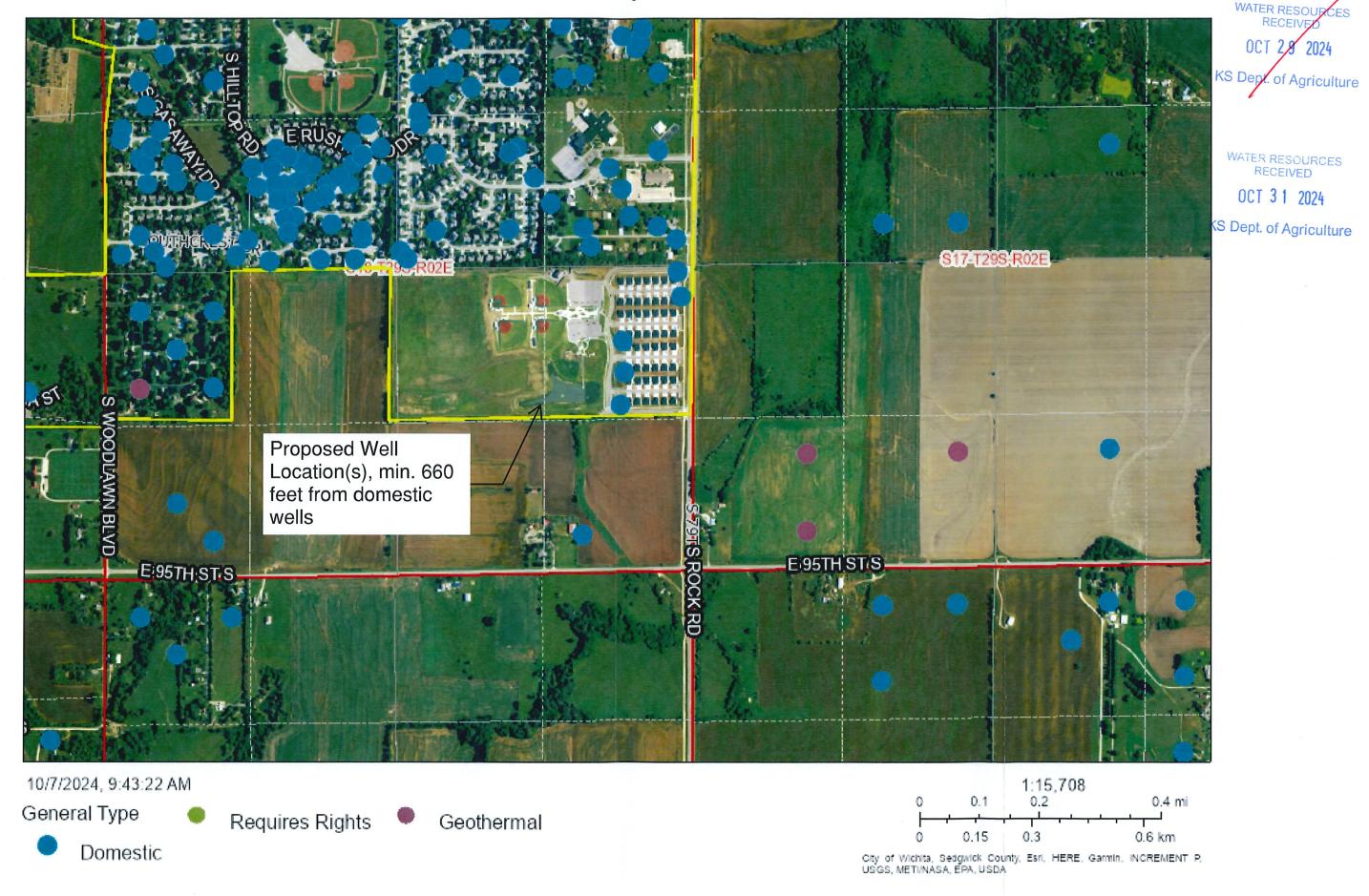
OCT 3 1 2024

KS Dept. of Agriculture

DWR Form 1-100

Application for Permit to Appropriate Water for Beneficial Use

Dekarsky Park



WATER RESOU RECEIVE

OCT 29 2024

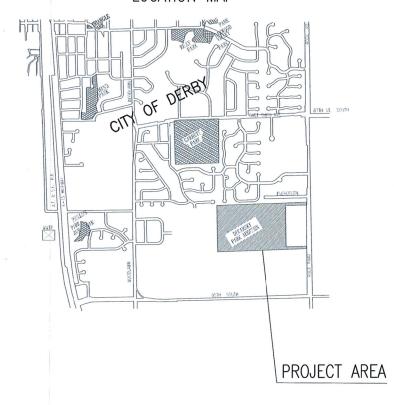
KS Dept. of Agriculture

WATER RESOURCES RECEIVED

OCT 31 2024

KS Dept. of Agriculture

LOCATION MAP

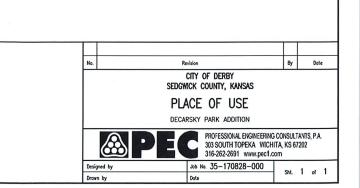


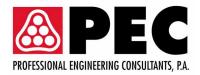
LEGEND

RECREATIONAL PLACE OF USE (SURFACE AREA = 5.35 AC)

IRRIGATION PLACE OF USE (AREA = 44.64 AC)







DECARSKY PARK – PHASE 2 DERBY, KANSAS

APPLICATION FOR PERMIT TO APPROPRIATE
WATER FOR BENEFICIAL USE – GROUND AND
SURFACE WATER

PEC PROJECT NO. 35-231214-000-0180

OCTOBER 2024

PREPARED BY:

PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 S. TOPEKA WICHITA, KANSAS



October 07, 2024

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

Reference: Decarsky Park – DWR Groundwater Permit

Application for Permit to Appropriate Water for Beneficial Use

PEC Project No. 35-231214-000-0180

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If you have any questions or require additional information in order to make a determination, please contact me by phone at (316)206-1343 or by email at nicole.franken@pec1.com.

Respectfully,

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

ricole Franken

Nicole Franken, P.E. Design Engineer

NDF:ev

DWR Form 1-100

Application for Permit to Appropriate Water for Beneficial Use

KANSAS DEPARTMENT OF AGRICULTURE

Mike Beam, Secretary of Agriculture

DIVISION OF WATER RESOURCESEarl D. Lewis Jr., Chief Engineer

File Number	
This item to be comple	eted 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:

	Address: 611 N Mulberry	y Road		
	City: Derby		State KS	Zip Code 67037-3533
	Telephone Number: (316	<u>6)</u> 788-1519		
2.	The source of water is:	☐ surface water in	(stre	
	OR	⊠ groundwater in <u>Ark</u>	,	,
	when water is released fro	om storage for use by wate ne date we receive your ap	er assurance district member	ay be subject to administrations. If your application is subject appropriate form to complete
3.	The maximum quantity of	f water desired is <u>50</u>	acre-feet OR XXXXXXX	gallons per calendar year
	to be diverted at a maxim	num rate of <u>100</u>	gallons per minute OR <u>XXX</u>	XXXX cubic feet per second
	Once your application be			
	requested quantity of warequested maximum rate	ater under that priority n of diversion and maximur	umber can NOT be increas	sed. Please be certain you priate and reasonable for you
4.	requested quantity of warequested maximum rate proposed project and are	ater under that priority n of diversion and maximur	umber can <u>NOT</u> be increased in quantity of water are approvision of Water Resources' re	sed. Please be certain you priate and reasonable for you
4.	requested quantity of warequested maximum rate proposed project and are	ater under that priority not of diversion and maximur in agreement with the Divide appropriated for (Check	umber can <u>NOT</u> be increased in quantity of water are approvision of Water Resources' re	ate of diversion and maximum sed. Please be certain you priate and reasonable for you equirements. (d) □ Water Power
4.	requested quantity of warequested maximum rate proposed project and are The water is intended to l	ater under that priority not of diversion and maximur in agreement with the Divide appropriated for (Check	umber can NOT be increased under the increased of the i	sed. Please be certain you priate and reasonable for you equirements.
4.	requested quantity of warequested maximum rate proposed project and are The water is intended to I (a) Artificial Recharge	ater under that priority not of diversion and maximure in agreement with the Divide appropriated for (Check (b) Irrigation	umber can <u>NOT</u> be increasen quantity of water are approvision of Water Resources' reuse intended): (c) ⊠ Recreational	sed. Please be certain you priate and reasonable for you equirements. (d) □ Water Power (h) □ Sediment Control
4.	requested quantity of warequested maximum rate proposed project and are The water is intended to I (a) □ Artificial Recharge (e) □ Industrial	ater under that priority nor of diversion and maximur in agreement with the Diversion (Check to be appropriated for (Check to	umber can <u>NOT</u> be increased in quantity of water are approvision of Water Resources' results intended): (c) ☑ Recreational (g) ☐ Stockwatering (k) ☐ Hydraulic Dredging	sed. Please be certain you priate and reasonable for you equirements. (d) □ Water Power (h) □ Sediment Control

5.	The	ocation of the proposed wells, pump sites or other works for diversion of water is:
0.		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 <u>SW</u> quarter of the <u>SE</u> quarter of the <u>SE</u> quarter of Section <u>18</u> , more particularly described as
		being near a point 1315 feet North and 1350 feet West of the Southeast corner of said section, in
		Township 29 South, Range 2 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.
		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.
	wells	source of supply is groundwater, a separate application shall be filed for each proposed well or battery of , except that a single application may include up to four wells within a circle with a quarter (1/4) mile radius same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per
	than pump	ttery of wells is defined as two or more wells connected to a common pump by a manifold; or not more four wells in the same local source of supply within a 300 foot radius circle which are being operated by os not to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a non distribution system.
6.		owner of the point of diversion, if other than the applicant is (please print):
	N/A	(name, address and telephone number)
	N/A	
		(name, address and telephone number)
	lando	must provide evidence of legal access to, or control of, the point of diversion from the landowner or the owner's authorized representative. Provide a copy of a recorded deed, lease, easement or other ment 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.
		the foregoing is true and correct. Executed on October 09, 20 27. Applicant's Signature
	lando	applicant must provide the required information or signature irrespective of whether they are the owner. Failure to complete this portion of the application will cause it to be unacceptable for filing and the cation will be returned to the applicant.
7.	The r	proposed project for diversion of water will consist of four (4) wells
		(number of wells, pumps or dams, etc.) was)(will be) completed (by), immediately after approval of this application
		(Month/Day/Year - each was or will be completed)

File No. _____

File No.	
I IIC IVO.	

8. The first actual application of water for the proposed beneficial use was or is estimated to be immediately after well installation and development (Mo/Day/Year)

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? \square Yes \square 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 <u>must</u> 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 ½ 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 ½ mile, please advise us.
	(c) If the application is for surface water, the names and addresses of the landowner(s) $\frac{1}{2}$ mile downstream and $\frac{1}{2}$ 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.
	The City previously applied for water rights at this location and was approved (50219-00). The water right was
	dismissed pending completion. The well was not completed since the well drilled was dry. Other domestic
	wells drilled in the area extended deeper than the well the City drilled and are able to yield 20-25 gpm. The
	City would like to install new well(s) as needed to get 100 gpm. The application notes up to four wells can be

installed with one application- the City requests up to five wells if they can only supply 20 gpm each.

File No.

					File No.		
13.	Furnish the following well inf well has not been completed					groundwater. If	the
	Information below is from:	☐ Test holes	□ Well a	s completed	☑ Drillers	log attached	
	Well location as shown in pa	aragraph	(A)	(B)	(C)	(D)	
	Date Drilled		4/5/18				
	Total depth of well		86			· · · · · · · · · · · · · · · · · · ·	
	Depth to water bearing form	nation					
	Depth to static water level		30				
	Depth to bottom of pump in	take pipe					
15.	Owner (owner, tenant, agent or otherwise) The owner(s) of the property	•	r is used, if o	ther than the a	pplicant, is (p	lease print):	
		(name, addr	ess and telep	hone number)			
		(name, addr	ess and teler	hone number)			
16.	The undersigned states that that this application is submit	the information	set forth abo	•		her knowledge a	ınd
	Dated at <u>Perby</u>	, Kansas	, this <u><i>09</i> </u>	day of Oct	ober (month)	, <i>2024</i> (year)	
<u>By</u>	(Agent or Officer Signature (Agent or Officer Signature) (Agent or Officer - Please	ure)	_				
Assisted	d by		1-8	ico/title\	Date:		

(office/title)

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

DWR Form 1-100.23

Irrigation Use Supplemental Sheet

IRRIGATION USE SUPPLEMENTAL SHEET

							File	No.											
		1	Name	of A	pplica	ınt (P	lease	Print)	City	y of De	erby							_	
1. E	Please lesign	supplate th	iy the e actu	nam Ial nu	e and imber	l addı of ac	ess o res to	f each be in	ı land rigate	lowne d in e	r, the ach f	legal orty a	l desc cre tr	riptio act or	n of t fract	he la ional	nds to portio	be iron the	rigated, and reof:
Land	lowne	r of E	Recor	d		NAM	E: C	ity of l	Derby			_							
					AD	DRE:	ss: <u></u> 61	1 Mul	lberry	Road,	Suite	300							
	т	R			E ¼			Ŋ	N',4			SV	V14			St	314		TOTAL
	L.		NE	NW	sw	SE	NE	NW	sw	SĒ	NE	NW	sw	SE	NE	NW	sw	SE	TOTAL
18	29S	2E									:			44.64 +				Ш	44.64
									,										
Land	lowne	er of I	Recor	ď		NAM DRE													
S	T	R		N	E¼		NW4			SWI			SE ¹⁴			TOTAL			
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	sw	SE	
	<u>L</u>																		
Lanc	lowne	er of l	Recor	ď		NAN	Œ:												
					AD	DRE	SS:												
s	Т	R		N	E¼			N	W!4			S1	NI ₄			SI	El4		TOTAL
	L	K	NE	NW	SW	SE	NB	NW	SW	SE	NE	NW	sw	SE	NE	NW	SW	SE	IOIAL
																		Ш	

DWR 1-100.23 (7.7-00) Page 1 of 2

		Soil Name	•	Percent of field (%)	Intake Rate (in/hr)	Irrigatio Design Group	n
	Cla	у		47		-	
	Sar	nd		14.5		_	
	Sha	ıle	<u></u>	33.7			
	Lin	nestone T a	tal:	4.8	***************************************	_	
).	Estin	nate th	e average land slope in t		2	_%	
	Estin	nate th	e maximum land slope i	n the field(s):	33.3	%	
	Туре	of irri	gation system you propo	se to use (check one)	•		
		Cent	er pivot	Center piv	ot - LEPA	"Big gun" sprin	ıkler
		Grav	ity system (furrows)	Gravity sy	stem (borders)	Sideroll sprink	ler
	Oth	er, ple	ase describe: commercia	l sprinkler system			
d.	Sys	tem de	sign features:				
	i.	Desc	ribe how you will contro	l tailwater:			
		N/A	- sprinkler system				
	100						
	ii,		prinkler systems:	A	O	.	
		(1)	Estimate the operating	pressure at the distr	ibution system: 9	D psi	
		(2)	What is the sprinkler	package design rate?	100 gpm		
		(3)	What is the wetted dian	neter (twice the dista	nce the sprinkler thi	rows water) of a sprinkler	on the
			outer 100 feet of the sy	ystem? N/A	feet		
		(4)	Please include a copy	of the sprinkler pack	age design informat	tion.	
c.	Cro	p(s) yo	ou intend to irrigate. Ple	ase note any planned	crop rotations:		
	Fes	cue and	I native grass.				
f.	Plea	ase de: ortant	scribe how you will det if you do not plan a full	ermine when to irrigirigation).	gate and how muc	h water to apply (partic	ularly
1.	*****		•	•			

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

DWR Form 1-100.25

Recreational Use Supplemental Sheet

RECREATIONAL USE SUPPLEMENTAL SHEET

	File No							
	Name of Applicant (Please Print): City of Derby							
1.	Please indicate type of recreational use (boating, fishing, swimming, etc.): Aesthetic amenity							
	to park and storm water detention.							
2	Places summerize how the water will be used and justify the quantity of water requested:							
۷.	Please summarize how the water will be used and justify the quantity of water requested: Water will be used to fill the pond to a static pool volume of 1295.5.							
	Recreational Use – Net Evaporable Loss of Pond:							
	$\frac{20"EvaporableLoss}{12\frac{in}{ft}}\times 5.35ACPondSurfaceArea=8.92AC-FT_$							
	$12\frac{th}{ft}$							

3. Please complete the following table showing estimated future water requirements:

ESTIMATED FUTURE WATER DIVERTED/STORED

ESTABLISE TOTOTE WITHER DIVERTIDATIONED										
NEXT 5 YEARS	WATER TO BE DIVERTED (ACRE-FEET OR GALLONS)									
Year 1	8.92 AC-FT									
Year 2	8.92 AC-FT									
Year 3	8.92 AC-FT									
Year 4	8.92 AC-FT									
Year 5	8.92 AC-FT									

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

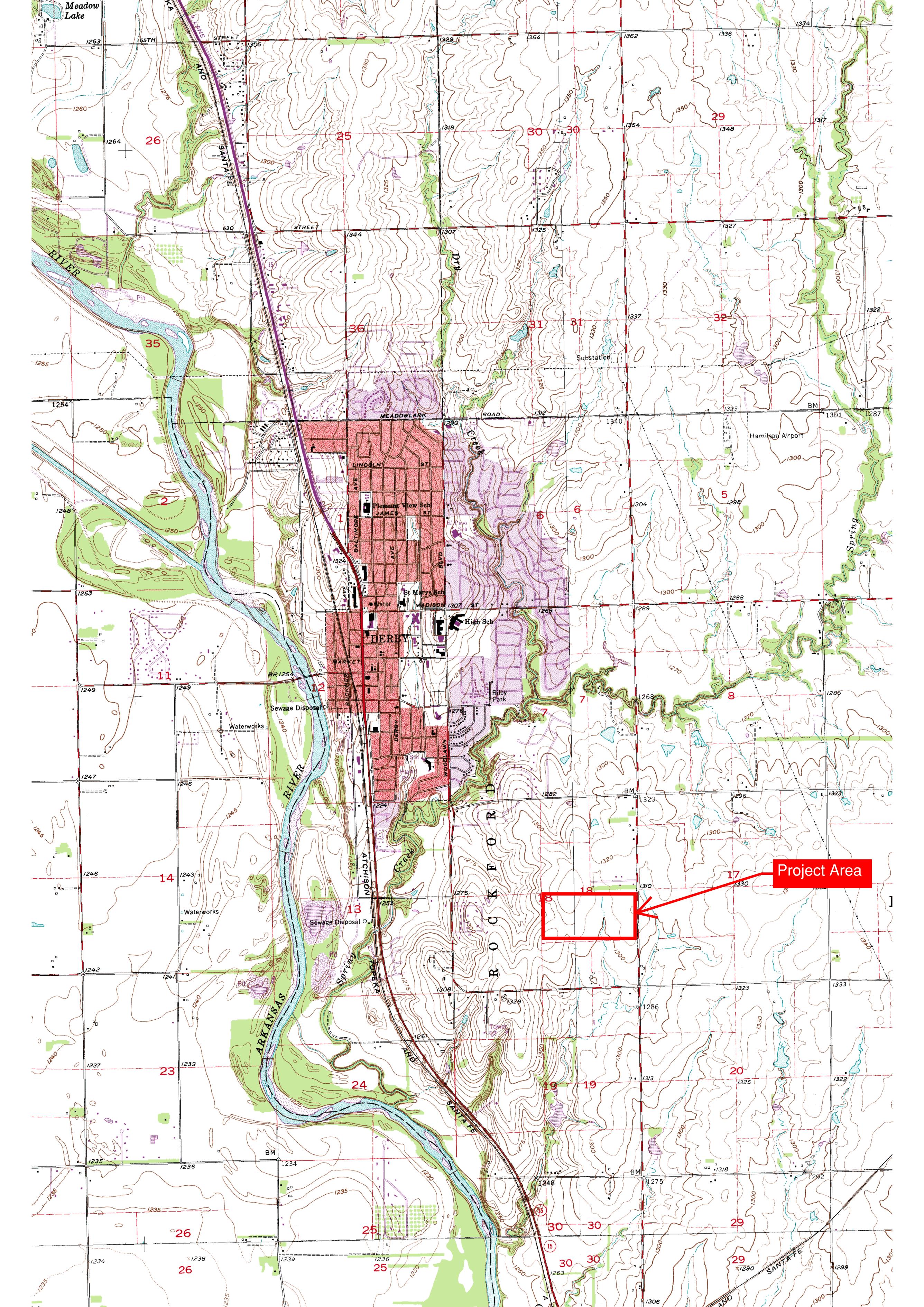
4. Please designate the legal description of the location where the water is to be used by providing the fractional part of the Section, Township and Range.

All water will be used in the N 1/2, SE1/4 of Section 18, T29S, R2E. See attachment 3.

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

Attachment No. 1

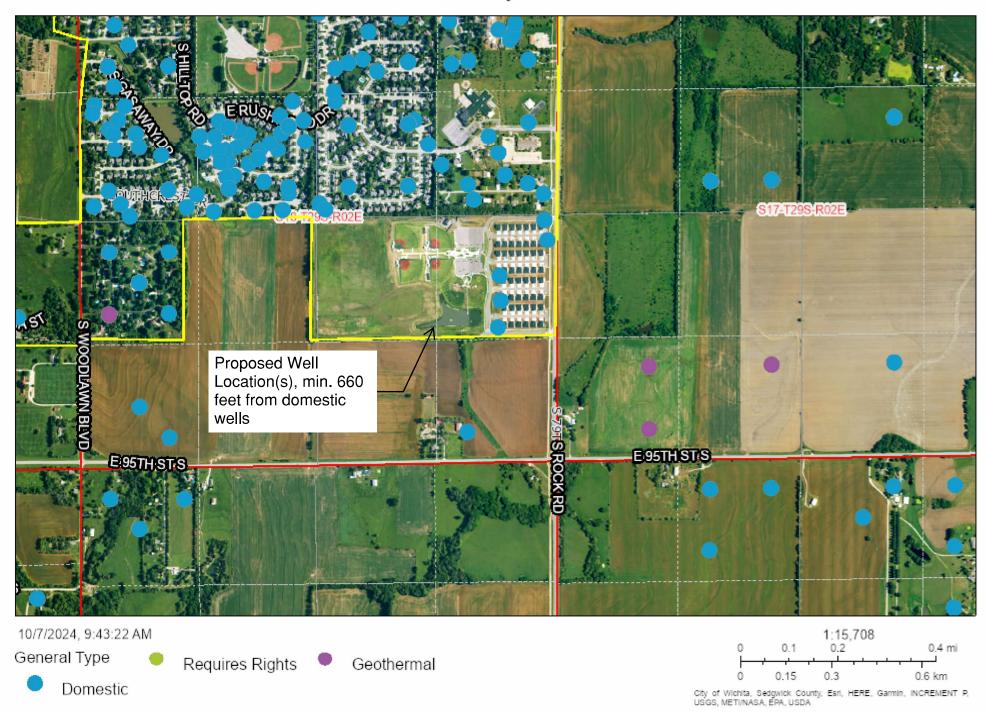
USGS Map



Attachment No. 2

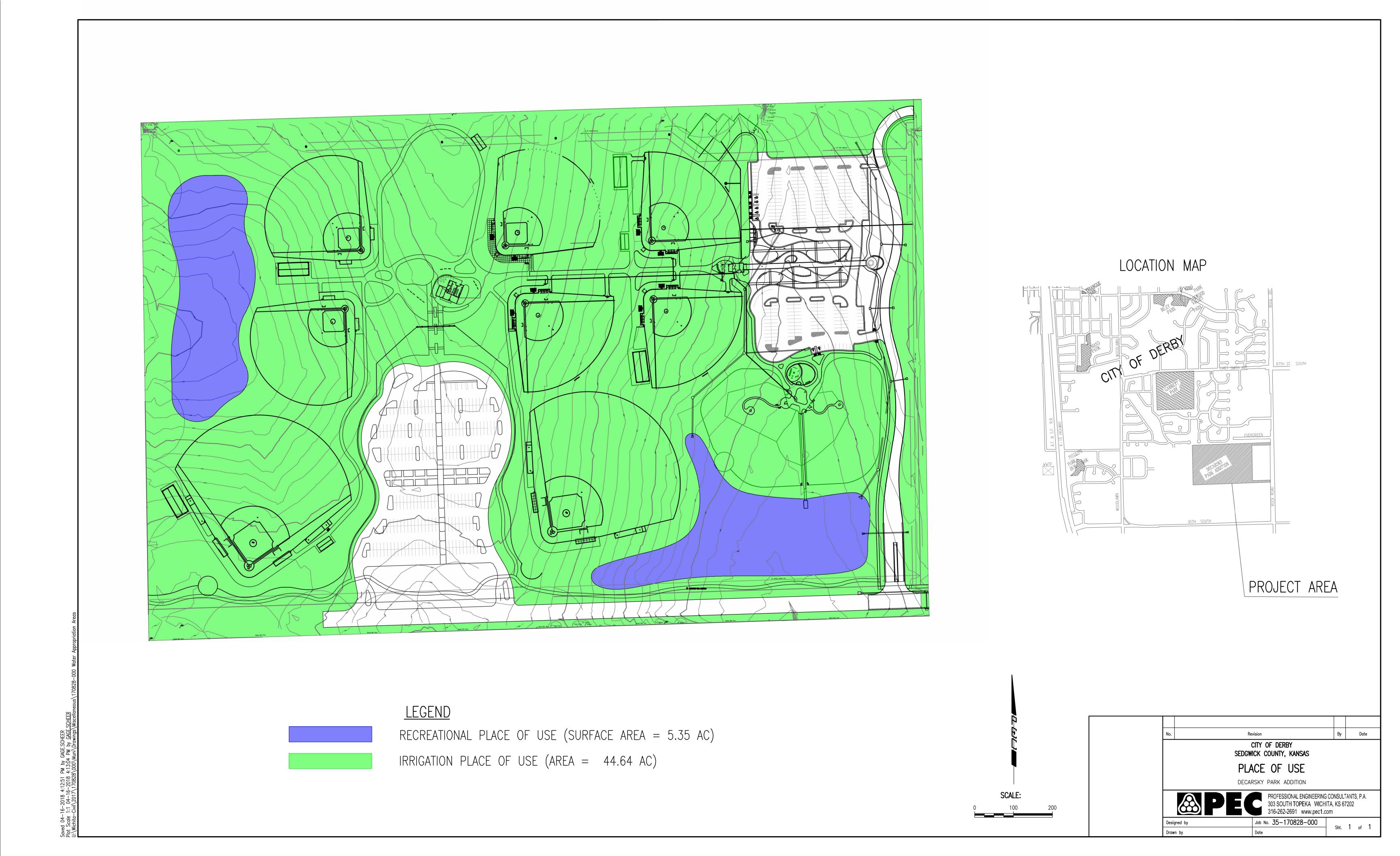
Water Right Well Spacing Map

Dekarsky Park



Attachment No. 3

Place of Use Map and Calculations



Recreational Use – Net Evaporable Loss of Pond:

$$\frac{20"\,\textit{Evaporable Loss}}{12\frac{\textit{in}}{\textit{ft}}} \times 5.35\,\textit{AC Pond Surface Area}\, = 8.92\,\textit{AC}-\textit{FT}$$

Irrigation Use:

$$\frac{1.3 \, AC - FT}{AC} \times 44.64 \, Irrigated \, AC = 58.03 \, AC - FT$$

Attachment No. 4

Well Driller's Log

	WATI	ER WELL	RECOR	D Fo	orm WW	/C-5 K	SA 82a-1:	212				
1 LOCATION OF WATER WELL			SEC					HIP NUMBER	RAN	RANGE NUMBER		
Sedgwick	SW	1/4 SI	E 1/4	SE	1/4	18	Т	29 s	R	2E E/W	V	
Distance and direction from neares	st town or city street addre	ess of well if local	ted within city?	?			,					
3/4 m. So. of 87th &			<u>d</u>	Derby.	Kansas	<u> </u>						
2 WATER WELL OWNER								Board of Ad	griculture, Divisio	n of Water Reso	ource	
RR#,ST. ADDRESS,BOX #						6'	7927		±: =:	110111111111111111111111111111111111111		
CITY, STATE				97		P CODE: 6'	-	Application No	umber:			
UCCATE WELL'S LOCATION BY	OX: 4 DEPTH OF	F COMPLETE	D WELL:	86	ft.		ELEVATION					
N N	— 1 · · ·	ındwater Enco		••	ft.			ft.		ft.		
	WELL'S STA	ATIC WATER L				W LAND SU		SURED ON mo	51.5	4/5/18		
NW NE	Est Vial	Pump tes		Well wate			ft. after		rs of pumping	_	gpm	
w Wije	Est. Yiel Bore Hole [0	pm 12 in.	Well wate	rwas to 8	8 6 ft.	ft. after and	in.	rs of pumping	e do	gpm ft.	
[- "]		ER TO BE USE			10 0	11.	anu	9. Dewate	4.4	Injection wel		
SW SE	1. Domesti			ublic wate	er supply	7. Lawn a	nd garden oi	oly 9. Dewate	8	er (Specify be		
	2. Irrigatio	n 4. Indus	trial 6. O	il field wa	ter supply	8. Air con	ditioning	10. Monitor	ring well			
S		ical/bacteriologic	al sample sub	mitted to De	partment?	YES	NO	1	, what mo/day	- 15 m	ole	
5 TYPE OF CASING US	submitted					vvas v	Vater Well Dis		(YES)	NO		
5 TYPE OF CASING US	3. RPM (SR) 5, \	Wrought Iron	7. Fil	berglass	9. OI	ther (Specify	below) C.	ASING JOINTS:		Threade		
2. PVC	Contract Contract	Asbestos-Cem	ent 8. Co	oncrete tile	SDI	R-26			Welded	Clampe)d	
Blank casing diameter	5 in.	to 45	ft.,	Dia.	in,	to	ft.,	Dia.	in. to	ft.		
Casing height above land s		in.,		ight: 2		os. / ft.	2000	thickness or ga		214		
TYPE OF SCREEN OR PER			****	igiit.	1.55 II	J. 7.11.	vvaii	unickness or ga	uge No. •	214		
		perglass	7. PV	\odot	9. A	BS	11.	Other (specify)				
2. Brass 4. Galva	nized 6. Co	ncrete Tile	8. RM	IP (SR)	10. A	sbestos-Cen	nent 12.	None used (ope	n hole)			
SCREEN OR PERFORATIO	N OPENINGS ARE:											
1. Continuous slot	3. Mill slot	5. Gauze	d wrapped		7. T o	rch cut	9. D	rilled holes	11. No	ne (open hole	e)	
2. Louvered shutter	4. Key punched	6. Wire v	vrapped		(8. Sa	w cut	10. O	ther (specify)				
SCREEN - PERFORATION I			353351		86			11 32				
SCREEN - FERFORATION I		-		to	00	ft.,	From -	ft.	to		ft.	
CDAVEL DACK INT	Fror	_	ft. 4 ft.	to	0.0	ft.,	From -	ft.	to		ft.	
GRAVEL PACK INT		–	ā	to	86	ft.,	From	ft.	to) f	ft.	
	Fror	<u>m</u>	ft.	to		ft.,	From	ft.	to		ft.	
6 GROUT MATERIALS:	1. Neat cement		Cement Gro	out	3	B. Bentonite		Other ber	ntonite hole	e plug		
Grout Intervals: From What is the nearest source of		to 24	ft.,	From	ft.	to	ft.,	From	ft.	to	ft.	
1. Septic tank	4. Lateral lines	7. Pit p	rívy	10	. Livestoc	k pens	13. Inse	cticide storage	15. Oil v	vell/Gas well		
2. Sewer lines	5. Cess Pool	8. Sew	age lagoon	11	. Fuel sto	rage	14. Aba	ndon water we	16. Othe	er (specify bel	low)	
3. Watertight sewer line	6. Seepage pit	9. Feed	i yard	12	. Fertilize	r storage			None	Apparent	t	
Direction from well?	o. Goopage pit		•				How	many feet?				
From To	LITHO	LOGIC LC)G		From	To		LITHOL	OGIC LO	3		
0 3 tops												
3 42 clay												
	ium sand							-	· · · · · · · · · · · · · · · · · · ·			
	shale stone											
					- 1.32							
						 						
						 						
											- 1	
						 						
						the second secon						

under my jurisdiction and Contractor's or Landowner's Certification: This water well was 1. constructed 2. reconstructed or 3. 4/5/18 was completed on (mo/day/year) and this record is true to the best of my knowledge and belief.

Kansas Water Well Contractor's License No. 236

This water well record was completed on (mo/day/year)

under the business name of Harp Well and Pump Service

by (signature)

4/9/18 Todd S. Harp 1320 Research Park Drive Manhattan, KS 66502 785-564-6700 www. agriculture.ks.gov



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

Mike Beam, Secretary

Laura Kelly, Governor

November 7, 2024

CITY OF DERBY 611 N MULBERRY ROAD DERBY KS 67037-3533

RE: Application, File No(s). 51349

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application(s) for a permit to appropriate water for beneficial use. Your application(s) has been assigned the file number(s) referenced above. Please be aware that the Division may have a large number of pending applications on hand at times and makes every attempt to process them in the order in which they are received. You will be contacted if additional information is required.

Please note, this letter only acknowledges receipt of your application(s) and does not guarantee approval. In accordance with the provisions of the Kansas Water Appropriation Act, the use of water as proposed prior to approval of the application(s) is unlawful.

Additional information about the process may be found on our website at <u>agriculture.ks.gov/divisions-programs/dwr</u>. If you have any other questions, please contact our office at 785-564-6640 or your local Stafford Field Office at 620-234-5311. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kris Neuhauser New Applications Lead Water Appropriation Program