In The Matter Of:

Hays, Kansas & Russell, KS v Edwards County, Kansas & Kansas Water Transfer Act

> Formal Hearing Vol. 4 July 24, 2023

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4	IN THE MATTER OF:)	4	HOLLY DICKMAN
5	THE APPLICATION OF THE		5	DIRECT CROSS REDIRECT RECROSS
6	CITIES OF HAYS, KANSAS AND RUSSELL, KANSAS)) OAH No. 23AG0003 AG	6	by Mr. Buller760
7	FOR APPROVAL TO TRANSFER WATER FROM	}	7	by Mr. Lee807
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19	commencing at 1:43 p.m. o		19	NUMBER REFERENCED
20		on the 24th day of	20	Number 1-1844
21	July, 2023.		21	Number 1-67B
22			22	Number 788
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1	PRESIDING OFFICER: All right. So	1	meeting all those requirements for the
2	we're back on the record. It is July 24,	2	statutory deadlines.
3	2023, it's now 1:43 p.m. The counsel for	3	All right. Are there any other
4	the parties and I have had a little bit of	4	preliminary issues that parties think we
5	discussion about some procedural issues	5	need to take up before we start hearing
6	that will impact how we move forward the	6	from witnesses today?
7	next several days, so we'll keep playing	7	MR. TRASTER: Nothing from the City
8	some of that by ear with witnesses and	8	of Hays, Your Honor.
9	everything.	9	MR. COLE: Nothing from the City of
10	Do want to address, I did receive over	10	Russell.
11	the weekend a request from the Water Office	11	MR. LEE: Nor from Water PACK.
12	to allow comment to be filed through	12	MS. LANGWORTHY: Nor from DWR.
13	October 31st. We're going to have to	13	PRESIDING OFFICER: All right.
14	address some issues and look at some	14	Mr. Buller, do you have the first witness
15	calendaring issues to see if that's	15	of the day, then?
16	something that can be accommodated.	16	MR. BULLER: I do, Your Honor, good
17	Under the statute, my decision has to be	17	afternoon. The City of Hays calls Holly
18	issued within 90 days of when the public	18	Dickman to the stand.
19	hearing that we are conducting right now,	19	PRESIDING OFFICER: Can you please
20	when that hearing concludes. At this	20	raise your right hand.
21	point, the last day we have scheduled for	21	, ,
22	that hearing would be August 2nd, and by my	22	HOLLY DICKMAN,
23	count, then, October 31st would be that	23	having first duly sworn or affirmed, was
24	90th day after that, so that would be the	24	examined and testified as follows:
25	date my order would be due if that is the	25	
	Page 75	58	Page 760
1	last day of the hearing.	1	PRESIDING OFFICER: Go ahead,
2	So we'll have to address a few more	2	Mr. Buller.
3	things and see what what we can work out	3	MR. TRASTER: Your Honor, could you
4	as far as schedules for how we're	4	use the mic when you're speaking, please.
5	proceeding with everything, post-hearing	5	PRESIDING OFFICER: Yes.
6	briefs, proposed findings, and all that	6	MR. TRASTER: Go ahead.
7	before we can determine what that date	7	
8	would be that commenting agencies would	8	DIRECT EXAMINATION
9	need to have any sort of comments filed,	9	BY MR. BULLER:
10	make sure that we're complying with those	10	Q Good afternoon, Ms. Dickman, thank you for
11	deadlines.	11	joining us and taking the time out of your day
12	And, Mr. Unruh, I see you there in the	12	to provide this testimony. Please state your
13	audience there. Realistically, if you file	13	name for the record, spelling your last name.
14	comments the same day that my order was	14	•
15	due, there'd be no way that I could	15	
16	consider anything in those comments and	16	, ,
17	have those worked into what is going to	17	
18	most likely be a very lengthy order; it is	18	•
19	going to take a significant amount of time	19	City of Hays.
20	to get drafted up.	20	
21	So we'll have to address some of those	21	·
22	things here over the next week and see kind	22	
23	of what sort of what sort of options the	23	
24	minds in this room can come up with that	24	Q July 2017 if it's six years last week?
25	will work for everything to make sure we're	25	A Yes.

Edv	var	ds County, Kansas & Kansas Water Transfer Act			July 24, 2023
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	\circ	And what are your duties as water conservation	_		agent for Ellis County offseted on on
	Q	And what are your duties as water conservation	1		agent for Ellis County affected or or
2		specialist for the City of Hays?	2		benefited you as water conservation specialist
	A	I take care of the water conservation rebate	3		for Hays?
4		programs, education and outreach related to		A	Well, with a background in horticulture, it
5		water conservation, pretty much anything	5		gives me the ability to speak to outdoor water
6		regarding marketing of our programs, those sorts	6		use especially, but with an extension
7	_	of things.	7		background, I have a great deal of experience
	Q	So rebate programs, marketing, anything else?	8		with education and outreach, working with the
	A	Education and outreach, working with others in	9		public, working with others, and just
10		the community to partner on programs, those	10	_	communicating messages in general.
11		sorts of things.	11	Q	So how long has the City had a water
12	Q	Okay. And what department are you a part of as	12		conservation specialist on staff?
13		water conservation specialist for the City?	13	A	I think prior to me, the person on staff was
14		I'm part of the water resources department.	14		there for about seven years, and then I think
15	Q	Ms. Dickman, what is your highest level of	15		that was back in several, several years
16		education?	16		already, but I can't recall exactly how long.
17	A	I have a bachelor's degree in agriculture with	17	Q	So seven years would make it 2012, 20
18		an emphasis on horticulture from Kansas State	18	A	Yes.
19		University.	19	Q	2012-ish range?
20	Q	And when did you graduate?	20	A	Uh-huh.
21	A	2002.	21	Q	Okay. And who was that person?
22	Q	What did you do prior to joining the City as	22	A	Jason Riegel was the conservation specialist
23		water conservation specialist?	23		prior to me.
24	A	Prior to joining the City, I worked as the	24	Q	Okay. So you're the City of Hays water
25		horticulture extension agent for K-State	25		conservation specialist, and that's I presume
		Page 762			Page 764
1			1		•
1 2		Research and Extension in Ellis County for ten	1 2		by the title that that is one aspect of their
2	0	Research and Extension in Ellis County for ten and a half years.	2	A	•
2	Q	Research and Extension in Ellis County for ten and a half years. Before you went to K-State, where did you go to	2		by the title that is one aspect of their water conservation efforts? Yes.
2 3 4		Research and Extension in Ellis County for ten and a half years. Before you went to K-State, where did you go to high school?	2	_	by the title that that is one aspect of their water conservation efforts? Yes. Okay. Do you know how long the City of Hays has
2 3 4 5	A	Research and Extension in Ellis County for ten and a half years. Before you went to K-State, where did you go to high school? I went to Hays High.	2 3 4 5	Q	by the title that that is one aspect of their water conservation efforts? Yes. Okay. Do you know how long the City of Hays has had a water conservation program?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A Q A Q A Q	Research and Extension in Ellis County for ten and a half years. Before you went to K-State, where did you go to high school? I went to Hays High. Okay. And where did you go to middle school? I went to Kennedy Middle School in Hays. Okay. Where did you go to elementary school? I went to elementary school at Schoenchen Elementary School, which is no longer open. Okay, I was going to ask. So that's where Schoenchen is where the City's Smoky Hill River wellfield is located, near Schoenchen? That is correct, yes. We've heard that city's name come up a time or two in this testimony. Have you had an opportunity to listen to any of the testimony so far in this hearing? I have, I've tried to listen to it, yes, when I can. Okay. All right. I won't make you spell Schoenchen, although I know you can, it's	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q A Q A Q A	by the title that that is one aspect of their water conservation efforts? Yes. Okay. Do you know how long the City of Hays has had a water conservation program? Water conservation efforts started in the early '90s so ever since then. Okay. As part of your duties as the City's water conservation specialist, do you provide a status report to the city commission from time to time? I give a yearly report to city commission on water conservation programs and efforts. Okay. And in general terms, what does that status report include? Typically, we go over the rebate programs and how they performed in the previous year and then what might be new for the upcoming year, efforts that we've done as far as education and outreach programs, other sorts of information regarding marketing and advertising and things like that. Poster contest?

	Page 765		Page 767
1	If you would start that over for me.	1	showing a drought monitor just to kind of
2	Ms. Dickman, Exhibit 933 is a link to a	2	give us an indication of where we are right
3	YouTube video, is that you up on the screen?	3	now. We're really in pretty good shape as
4 A	That is.	4	of right now, but in a recent presentation
5 Q	Okay. Jami, would you be able to make that full	5	I gave, I showed this picture from 2012,
6	screen? To the right, to the right. There it	6	which indicates that we were in okay
7	is.	7	position at that time, but within a matter
	Okay. And this was up on the TV screen	8	of months, we were in this position. So
8	that is a part of this video, it says		just goes to show that things can change
9	February 27, 2020 Hays City Commission meeting.	9	really quickly. So it's always important
10	· · · · · · · · · · · · · · · · · · ·	10	7 2 7
11	Do you see that?	11	to remember that. This was a year that we received less than 15 inches of rain for
12 A	Yes.	12	
13 Q	Was are you familiar with this video,	13	that entire year, so I remember that very
14	Ms. Dickman?	14	clearly.
15 A	I am, yes.	15	This is a picture of the drought outlook
16 Q	And is this a video of the annual update that	16	for our area that's good through
17	you gave to the city commission on that date in	17	April 30th, and as you can see right now we
18	2020?	18	are in good shape, so hopefully with the
19 A	Yes, it is.	19	moisture we've been receiving, we will
20 Q	Okay. We're going to play most of this video,	20	continue that trend through the growing
21	we'll cut out a little bit to try and make it as	21	season.
22	short as we can, but it's this video	22	Just to recap, 2018 was the third
23	summarizes, I think, does a good job of	23	wettest year on record according to the
24	summarizing your efforts in 2019 and will, I	24	30-year average, and 2019 was very wet as
25	think, speed your testimony along.	25	well, we were well above average. But just
	Page 766		Page 768
1	So, Jami, if you would go ahead.	1	to give you perspective, we were still over
2	(Video playing.)	2	7 inches above average, yet we were not
3	MR. BULLER: Your Honor, could we go	3	nearly what we had in 2018. So things were
4	off the record for just a second to address	4	a little bit less but still in great shape.
5	a technical issue?	5	Moving into rebate programs for 2019,
6	PRESIDING OFFICER: Sure. We are	6	toilet rebates, again, was the most popular
7	off the record.	7	rebate program that we have, definitely one
8	(Discussion held off the record.)	8	that I get a lot of a lot of rebate
9	PRESIDING OFFICER: We'll go back on	9	forms coming in for. In 2019 we had 347
10	the record, then. We are back on the	10	total toilets replaced; there was 449 in
11	record. You may proceed, then, Mr. Buller.	11	2018, but I will note that a hotel had
12	MR. BULLER: Thank you, Your Honor.	12	replaced 98 of those in 2018, so that
13	And we are now have attempted to address	13	accounts for some of that difference there.
14	the technical issue and would ask that Jami	14	The majority or 62 percent of those
15	go ahead and click play.	15	toilets that were rebated were for the most
16	(REPORTER'S NOTE: The following	16	efficient toilet you can purchase in Hays
17	video was played and transcribed	17	which is your .8 gallon per flush toilet.
18	by the reporter.	18	So that's an increase over 2018. That
19	MS. DICKMAN: Holly Dickman, water	19	toilet's becoming more popular, I think.
20	conservation specialist for the City of	20	And as you can see, potential water saved
		21	8.3 acre-feet.)
21	Hays and tonight I'm going to give the	21	0.5 dere reet.)
21 22	Hays and tonight I'm going to give the program update for 2019 so kind of a recap	22	(Video paused.)
			· · · · · · · · · · · · · · · · · · ·
22	program update for 2019 so kind of a recap	22 23	(Video paused.)
22 23	program update for 2019 so kind of a recap of what happened in 2019 and kind of	22 23	(Video paused.) BY MR. BULLER:

	Page 77	3	Page 775
1	like that so upped it to 3,000 square feet.	1	list of things that were done in 2019.
2	Something very new for 2020 is we will	2	One of the biggest benefits, I think,
3	be offering a buffalo grass seed rebate so	3	was the ability to direct people directly
4	we will pay \$10 per pound to buffalo grass	4	to that WaterSmartHays website, and I
5	seed, and I will have to go through the	5	appreciate so much the ability to go in and
6	same process as I do for the turf	6	actually update this page when I need to
7	conversion currently. So there will be a	7	make additions and changes. And in talking
8	pre-inspection where I will go and inspect	8	with IT, we were in the top ten of city
9	the lawn, make sure they qualify; they have	9	pages visited. So, you know, I think
10	to have full sun, they have to have good	10	that's great, we're up there with police
11	conditions for buffalo grass to grow to	11	and some of those types of pages, so
12	qualify, and then I will do the	12	bids, things like that. But hopefully we
13	measurements and tell them how many pounds	13	can do more work with that in 2020.
14	of buffalo grass seed they will need.	14	I'm going into some of the events. We
15	Seeding rates for that are much, much	15	did sponsor, in conjunction with KSU
16	lower than your typical cool-season turf	16	Watersheds, a Fort Hays basketball game
17	grass, so it might only be 1 to 3 pounds	17	back in February of last year. Over 3500
18	per thousand square feet verus 7 or 8. But	18	people attended and we gave out those
19	we will go ahead and and try that this	19	showerheads and things like that and
20	year. I don't know how it will work out,	20	educational information. One of the nice
21	but all the rebate details can be found at	21	things is that both teams, men's and
22	WaterSmartHays.com if you have more	22	women's, were wearing shirts that had "Do
23	questions about that.	23	your part, be water smart" and kind of
24	SPEAKER: Holly, what is the going	24	promoting the City of Hays message through
25	price for buffalo grass now?	25	that.
	Page 77	4	Page 776
1	MS. DICKMAN: Good question, buffalo	1	Going into traditional media and digital
2	grass is typically a very expensive grass	2	media, I'm not going to read these numbers
3	seed, and so it depends on your source. I	3	
	seed, and so it depends on your source. I	٠,	to you, you can see them, but a lot of that
4	know some guys buy it in bulk, you know,	4	to you, you can see them, but a lot of that takes place in the water conservation
4 5			
	know some guys buy it in bulk, you know,	4	takes place in the water conservation
5	know some guys buy it in bulk, you know, the contractors and things, and they may	4 5	takes place in the water conservation program. So, you know, when you start
5 6	know some guys buy it in bulk, you know, the contractors and things, and they may pay 10 to \$12 a pound; but generally if	4 5 6	takes place in the water conservation program. So, you know, when you start adding up those numbers, it even surprises
5 6 7	know some guys buy it in bulk, you know, the contractors and things, and they may pay 10 to \$12 a pound; but generally if you're buying it at one of the big-box	4 5 6 7	takes place in the water conservation program. So, you know, when you start adding up those numbers, it even surprises me sometimes how many total TV spots aired
5 6 7 8 9	know some guys buy it in bulk, you know, the contractors and things, and they may pay 10 to \$12 a pound; but generally if you're buying it at one of the big-box stores or one of the local retailers, it	4 5 6 7 8	takes place in the water conservation program. So, you know, when you start adding up those numbers, it even surprises me sometimes how many total TV spots aired and total radio spots aired. The digital
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	Page 77	7		Page 779
1	real active on Instagram yet, but we're	1		together on this, and we provide
	working on it; and any of these, you can			information, along with root beer and
2	find us easily if you go to	2		cookies. And the main purpose of this is
3	@WaterSmartHays.	3		to highlight the posters that we have
5	And just a couple of examples, again	5		through our water poster contest which is
6	2019, this was a very popular post, people	6		truly art. So we)
7	see that and they share that one quite a	7		(Video paused.)
8	bit. Again, promoting turf conversions,	8	R	Y MR. BULLER:
9	it's helpful if you know what qualifies,		Q	Jami, can you pause it for a second?
10	this yard qualifies for sure, so trying to	10	Q	In the previous slide, there was a big blue
11	promote that. Just simple messages, trying	11		thing that it looked like a grown man was
12	to get the word out any way we can. And,	12		hugging. What was that?
13	again, we try to partner with EPA	13	Δ	So he is our water conservation mascot,
14	WaterSense or Irrigation Association, they	14	11	WaterSmart Wally, he's a big blue water drop.
15	have July as smart irrigation month so	15	0	Okay. And so somebody is, I assume, paid to
16	trying to target some education in those	16	V	dress up as a big drop of water and hug people?
17	areas as well.	17	A	Yes. We usually have a city employee or another
18	Going into some of the educational	18		volunteer that is so willing to do that, dress
19	events, World Water Day Fun Fest, it was	19		up as WaterSmart Wally.
20	the second day for this. This is an event	20	0	Okay. And has WaterSmart Wally been a popular
21	that we hold at Sternberg Museum in the	21	~	feature of Hays water conservation programs?
22	lobby and during spring break. We tried it	22	A	He has, the kids we have him in parades, he
23	a couple years ago and it worked well so we	23		rides on the back of a water resources
24	did it again; and once again it was a	24		department pickup in the Fort Hays Homecoming
25	success, we had almost 300 people come	25		Parade and Wild West Festival Parade and waves
	• •			
	Page 77	'8		Page 780
1				
1 2	Page 77 through. And this is a workshop or a program that	78 1 2		at everybody. And he's usually at some of our
	through.	1		at everybody. And he's usually at some of our educational events, like the World Water Day Fun
2	through. And this is a workshop or a program that	1 2		at everybody. And he's usually at some of our
2	through. And this is a workshop or a program that would not be possible without community	1 2 3		at everybody. And he's usually at some of our educational events, like the World Water Day Fun Fest, some of those sorts of things, and the
2 3 4	through. And this is a workshop or a program that would not be possible without community partners, so we had the environmental	1 2 3 4 5	Q	at everybody. And he's usually at some of our educational events, like the World Water Day Fun Fest, some of those sorts of things, and the kids are always very excited to see him and take
2 3 4 5	through. And this is a workshop or a program that would not be possible without community partners, so we had the environmental office and we had extension office, master	1 2 3 4 5 6	•	at everybody. And he's usually at some of our educational events, like the World Water Day Fun Fest, some of those sorts of things, and the kids are always very excited to see him and take pictures with him. So, yeah, he's a big hit.
2 3 4 5 6	through. And this is a workshop or a program that would not be possible without community partners, so we had the environmental office and we had extension office, master gardeners, others in the community that	1 2 3 4 5 6	•	at everybody. And he's usually at some of our educational events, like the World Water Day Fun Fest, some of those sorts of things, and the kids are always very excited to see him and take pictures with him. So, yeah, he's a big hit. Have you ever been WaterSmart Wally?
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		Page 781		Page 783
1		warm-season turf grass like buffalo grass or	1	popular program, so I get at least 89 to 100 of
2		Bermuda grass or a drought-tolerant landscape of	2	those every year too.
3		some kind, so whether they remove turf grass and	3 Q	* *
4		replace it with a flower bed, a mulched flower	4	been doing these different rebate programs?
5		bed something like that. So it's just	5 A	
6		encouraging people to remove those	6	machine rebate has been around longer than the
7		high-water-use landscapes and replace it with	7	toilet rebate, so the toilets have been around
8		something that's less water intensive.	8	for at least since 2014, at least.
9	_	Yeah. And and you mentioned other rebate	9 Q	
10	_	incentive programs in that section of the video,	10	specialist?
11		why don't you just run through those, the ones	11 A	•
12		you discussed in the video for us and explain	12 Q	
13		what they are.	13	program work?
	A	So we have a high-efficiency toilet rebate	14 A	
15		program	15	buffalo grass seed 'cause it tends to be a more
	Q	Go ahead.	16	expensive grass seed to purchase and just to pay
17	_	We have a toilet rebate program, we have a	17	a little bit per pound on that.
18		washing machine rebate program for	18 Q	
19		high-efficiency washing machines.	19 A	
20		So let me stop you there.	20	was a very difficult year to launch something
	A	Yes.	21	new, and buffalo grass seed was a little bit
	Q	So how does it work, how does the rebate	22	hard to come by at that time also and so we have
23	_	program, you know, work in practice?	23	suspended that for now.
	A	So for those two particular rebates, a homeowner	24 Q	_
25		or a business owner would purchase the item and	25	and they work and sometimes they don't work?
		or a business owner would parenase the item and	23	and they work that sometimes they don't work.
		Page 782		Page 784
1		then submit a rebate form along with proof of	1 A	That's for sure, yes.
2		purchase to the City, and then I go through	2 Q	· ·
3		and go through those and determine if they		But you keep on trying new programs:
4			3 A	
		· · ·	3 A 4	We try new programs, and we've got a couple new
5		qualify; there's stipulations there as far as		We try new programs, and we've got a couple new ones this year to try.
5 6		· · ·	4	We try new programs, and we've got a couple new ones this year to try. Which ones do you have this year that
		qualify; there's stipulations there as far as gallons per flush and and that sort of thing	4 5 Q	We try new programs, and we've got a couple new ones this year to try. Which ones do you have this year that
6 7		qualify; there's stipulations there as far as gallons per flush and and that sort of thing so then they would receive a check back from	4 5 Q 6 A	We try new programs, and we've got a couple new ones this year to try. Which ones do you have this year that This year we started a smart irrigation
6 7	Q	qualify; there's stipulations there as far as gallons per flush and and that sort of thing so then they would receive a check back from the City of Hays for that rebate.	4 5 Q 6 A 7	We try new programs, and we've got a couple new ones this year to try. Which ones do you have this year that This year we started a smart irrigation controller rebate program, as well as a rain sensor shutoff rebate for irrigation systems.
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Du,	varius County, Ixansus & Ixansus Water Transfer Net		5 mg 1, 2020
	Page 785		Page 787
1	of course, WaterSmart Wally was there and	1	Water festivals, participate in those as
2	he's always a popular attraction.	2	well and, again, reaching out to your
3	One new thing that we did in 2019, I	3	middle school kids, 6th and 7th graders
	partnered with parks department, to do some	4	primarily, and we play a game called water
4			
5	mulch loading events. We're always	5	smart grudge ball where we do water trivia
6	promoting mulch for water conservation,	6	and gets the kids engaged because we're
7	organic matter, those sorts of things, so	7	playing games and stealing raindrops from
8	we did one in June and one in September;	8	the other team. So that's always a popular
9	and the one in June was highly successful,	9	game with them and gets them involved.
10	the one in September, not so much but it	10	Once again in 2019, I had the
11	was still a good event to get the word out.	11	opportunity to send toilet dye tabs home
12	And we had one of the parks employees there	12	with every elementary student in Hays, and
13	to load people up with mulch. And if	13	that was over 1800 of those. And so I
14	you've ever had to do that yourself, you	14	couldn't do this without good helpers to
15	know that's a good benefit to have someone	15	help staple dye tabs to every single one of
16	there to load it for you.	16	those little sheets of paper that)
17	Go Truck Go, getting into the fall now,	17	MR. BULLER: Jami, pause that.
18	this is an event that early childhood	18	(Video paused.)
19	connections puts on. This year it was		SY MR. BULLER:
20	outside)	20 Q	
21	MR. BULLER: Jami, pause that,	21	here and how does that work?
22	please.	22 A	
23	(Video paused.)	23	that you can put in the tank of your toilet and
24	BY MR. BULLER:	24	it dyes the water; and then if you have that
25		25	color show up in the bowl of the toilet, you
25	Q So there's the connection that you were talking	23	color show up in the bowr of the tonet, you
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	Page 786		Page 788
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July 24,	1 2023		Lu	twarus County, Kansas & Kansas Water Transfer AC
	Page 7	89		Page 791
1	to promote Fix a Leak Week, which is an EPA	1		that's going on. When you get kids
2	WaterSense supported program, and it helps	2		involved, they are talking about it all the
3	get the word out about how to test for	3		time and you have really done an
4	those things. And it's fun to read some of	4		outstanding job, we appreciate it very
5	the comments that come back on that. We	5		much.
6	also do some radio trivia and give out some	6		MAYOR MUSIL: I would agree. I
7	prizes through that whole week.	7		mean, when you hear the radio, just the
8	Another thing that I got to participate	8		commercials, they're you're asking
9	in this year that I hadn't in the past was	9		people to conserve, but it's very positive.
10	Kids Ag Day which is sponsored by Farm	10		And that's the thing I hear is that, you
11	Bureau. And so this was out just south of	11		know, it's not so negative about, oh, you
12	town, but I was there to have a station	12		need to do this and it's just the way of
13	about water and talked about the water	13		life here. And I really like the Facebook,
14	cycle and that there is no new water and	14		I see it on, you know, the newspaper, Hays
15	where water comes from, which by the way	15		Post, and, you know, it's really good
16	the number one answer I got was the water	16		stuff, I mean, everywhere you look, you see
17	tower. So there's some education to be	17		it and it's the right thing to do. So
18	done there, and we did that that day, but	18		great job to you and your team.
19	it was all 5th graders in USD 489. So that	19		MS. DICKMAN: Thank you.)
20	was a good opportunity, and hopefully we'll	20		(Video stopped.)
21	get to participate in that again this year.	21	В	Y MR. BULLER:
22	And, of course, when I can, when I get	22	Q	Okay, Jami. And the Hays City Commission was
23	invited, I go into the schools, this was	23	_	complimentary of your efforts that year?
24	Lincoln Elementary School 4th grade class,	24	A	Yes.
25	talked about water conservation, what they	25	Q	It looks like based on that video that you're
	·			
	Page 7	90		Page 792
1	could do, and we played water smart bingo,	1		busy, you do many different programs throughout
2	water conservation bingo, which was a big	2		the year. Is that was 2019 and you were
3	hit with those kids.	3		explaining 2019, is that normal for you each
4	Again, there's so many more things I	4		year, year in, year out you're doing all those
5	could talk about but I know you don't want	5		programs?
6	me here all night so but water smart	6	A	It is normal. I would say it's increased since
7	landscape awards and things like that,	7		then, honestly.
8	other presentations.	8	Q	Other than the buffalo grass incident program
9	In 2020 and beyond, kind of continuing	9		which flopped, were the other are the other
10	what we've been doing. I really would like	10		programs that you discussed during this
11	to build up the web pages, that's one of my	11		presentation still in effect in Hays?
12	goals for the Water Smart landscaping side	12	A	They are still all in effect except for the
13	of things and just continue to build on	13		buffalo grass seed rebate.
14	those, try to go where the people are and		Q	And you spoke a lot about interacting with kids.
15	get the word out as we can, work with		A	Uh-huh.
16	Stacie Minson again on the water poster	16		Tell us about your efforts relating to education
17	contest and Art Walk and other things like	17	_	and outreach into the Hays school systems.
18	that and just continue to look for new ways		A	Well, I try to get out as often as I can and
19	to save water within the City and try to	19		anywhere I can where kids are involved of all
20	help educate others about how to do that.	20		ages, and so we try to you know, that dye tab
21	So do you have any questions?	21		program I'm pretty proud of because we get to
22	VICE MAYOR: You know, Holly, I hear	22		hit every single elementary kid in Hays. But
23	as much about what you do with water	23		the Go Truck Go program, that's usually younger
24	education in this community than I do as	24		kids, so we're talking infants to 5 year olds.
25	any other department and any other thing	25		And then we're you know, we just try to hit
				, , ,

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١,		all age grouper I've been into the high school			Olray Ma Dialeman aan yay ayalain
1		all age groups; I've been into the high school to do some programs with some of the classes,	1 2		Okay. Ms. Dickman, can you explain identify what's on the screen here?
2		and we work with some of the university classes		A	This is a winning poster from our annual water
3 4		to present topics of that, so try to hit every	4		poster contest.
5		single age group we can as often as we can.	5	_	And here we have a picture on Cities'
6	_	What about adult education?	6	Ų	Exhibit 2690 at page 104221 of what looks like
	A	I do adult education as well. You know, I've	7		the 1st place entry in the preschool category;
		been invited to speak for civic groups and, you	8		is that right?
9		know, help others in the community as well	9	A	That is correct.
10		there. Always offer to go out and talk to	10	_	Okay. And can you read us what the text on the
11		teachers as well to help them teach students.	11	_	screen is? It might be a little hard for you to
	! Q	So your efforts extend from infants to adults;	12		see.
13		is that right?		A	Make every drop count, I can see clearly. The
	. A	They do.	14		other part
15		How often do you go out to the schools and do		Q	And can you zoom in to the smaller
16	_	presentations in classrooms each year?		A	Okay. Turn the water off when you brush your
	Α	Well, it depends on the year. This year in	17	А	teeth.
18		particular, we were invited to speak to every	18	Q	Turn the water off when you brush your teeth, so
19		6th grade science class at Hays Middle School,	19	_	is that tell us about that, that message, is
20		and so we were there a lot; and then we were	20		that something that was intentionally pushed out
21		also in some of the elementary schools. So it	21		to the kids?
22		depends on the year, but this year it was over		A	That is certainly one of the messages that I
23		20 presentations given.	23		speak about when I talk to kids. So I try to
	Q	Okay. You mentioned that, in the video, that	24		make it applicable to their age level. Little
25		you ran many thousands of advertisements. Why	25		kids, they brush their teeth, this is something
		you ran many mousands or advertisements. Why			Rius, they blush then teem, this is something
		you ran many thousands of advertisements. Why			kids, they brush then teeth, this is something
		Page 794			Page 796
		Page 794			Page 796
1	-	Page 794 is it needed or why do you think it's	1		Page 796 that they can do to help save water, so that's
1 2	- }	Page 794 is it needed or why do you think it's appropriate to run so many advertisements about	1 2		Page 796 that they can do to help save water, so that's what's being shown here.
1 2 3	- !	Page 794 is it needed or why do you think it's appropriate to run so many advertisements about water conservation?	1 2 3	Q	Page 796 that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the
1 2 3 4	:	Page 794 is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you	1 2 3 4	Q	Page 796 that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message?
1 2 3 4		Page 794 is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way	1 2 3 4 5	Q A	Page 796 that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh.
1 2 3 4 5	A A	Page 794 is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can,	1 2 3 4 5	Q A Q	Page 796 that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229.
1 2 3 4 5 6	A A	Page 794 is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and	1 2 3 4 5 6 7	Q A Q	Page 796 that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar
1 2 3 4 5 6 7	. A.	Page 794 is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out	1 2 3 4 5 6 7 8	Q A Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that?
1 2 3 4 5 6 7 8 9	A A A	Page 794 is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think	1 2 3 4 5 6 7 8	Q	Page 796 that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally.
1 2 3 4 5 6 7 8 9	A A	is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message.	1 2 3 4 5 6 7 8 9	Q A Q Q A Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's
1 2 3 4 5 6 7 8 9 10		Page 794 is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message. There was one image on the screen that you said	1 2 3 4 5 6 7 8 9 10	Q A Q Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's the 1st place entry in the 6th grade category,
1 2 3 4 5 6 7 8 9 10 11	Q	Page 794 is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message. There was one image on the screen that you said was particularly popular, do you recall which	1 2 3 4 5 6 7 8 9 10 11 12	Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's the 1st place entry in the 6th grade category, is that what is that correct?
1 2 3 4 5 6 7 8 9 10 11 12 13	A A Q	is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message. There was one image on the screen that you said was particularly popular, do you recall which one that was?	1 2 3 4 5 6 7 8 9 10 11 12 13	Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's the 1st place entry in the 6th grade category, is that what is that correct? That is correct.
1 2 3 4 5 6 7 8 9 10 11 12 13	Q Q R	is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message. There was one image on the screen that you said was particularly popular, do you recall which one that was? Yes.	1 2 3 4 5 6 7 8 9 10 11 12 13	Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's the 1st place entry in the 6th grade category, is that what is that correct? That is correct. And there are a number of different messages
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message. There was one image on the screen that you said was particularly popular, do you recall which one that was?	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's the 1st place entry in the 6th grade category, is that what is that correct? That is correct. And there are a number of different messages here, Jami, zoom in to the top left part of the
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q	is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message. There was one image on the screen that you said was particularly popular, do you recall which one that was? Yes. And what the message was on there, can you tell us?	1 2 3 4 5 6 7 8 9 10 11 12 13	Q A Q A Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's the 1st place entry in the 6th grade category, is that what is that correct? That is correct. And there are a number of different messages here, Jami, zoom in to the top left part of the screen and yeah.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message. There was one image on the screen that you said was particularly popular, do you recall which one that was? Yes. And what the message was on there, can you tell us? It rained, please don't water or please don't	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q A Q A Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's the 1st place entry in the 6th grade category, is that what is that correct? That is correct. And there are a number of different messages here, Jami, zoom in to the top left part of the screen and yeah. So we have and I'm just going to read
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message. There was one image on the screen that you said was particularly popular, do you recall which one that was? Yes. And what the message was on there, can you tell us? It rained, please don't water or please don't water, it rained.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q A Q A Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's the 1st place entry in the 6th grade category, is that what is that correct? That is correct. And there are a number of different messages here, Jami, zoom in to the top left part of the screen and yeah. So we have and I'm just going to read them for you since it's a little bit far away.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message. There was one image on the screen that you said was particularly popular, do you recall which one that was? Yes. And what the message was on there, can you tell us? It rained, please don't water or please don't water, it rained. Sounds straightforward?	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's the 1st place entry in the 6th grade category, is that what is that correct? That is correct. And there are a number of different messages here, Jami, zoom in to the top left part of the screen and yeah. So we have and I'm just going to read them for you since it's a little bit far away. Water your grass, not the cement; don't take
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q Q A	is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message. There was one image on the screen that you said was particularly popular, do you recall which one that was? Yes. And what the message was on there, can you tell us? It rained, please don't water or please don't water, it rained. Sounds straightforward? Right.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's the 1st place entry in the 6th grade category, is that what is that correct? That is correct. And there are a number of different messages here, Jami, zoom in to the top left part of the screen and yeah. So we have and I'm just going to read them for you since it's a little bit far away. Water your grass, not the cement; don't take super long showers, do your business and get out
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message. There was one image on the screen that you said was particularly popular, do you recall which one that was? Yes. And what the message was on there, can you tell us? It rained, please don't water or please don't water, it rained. Sounds straightforward? Right. So simple messages?	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's the 1st place entry in the 6th grade category, is that what is that correct? That is correct. And there are a number of different messages here, Jami, zoom in to the top left part of the screen and yeah. So we have and I'm just going to read them for you since it's a little bit far away. Water your grass, not the cement; don't take super long showers, do your business and get out of there. Scroll down, if you would. We have a
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q Q A Q A A	is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message. There was one image on the screen that you said was particularly popular, do you recall which one that was? Yes. And what the message was on there, can you tell us? It rained, please don't water or please don't water, it rained. Sounds straightforward? Right. So simple messages? Very simple messages, straight to the point, and	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's the 1st place entry in the 6th grade category, is that what is that correct? That is correct. And there are a number of different messages here, Jami, zoom in to the top left part of the screen and yeah. So we have and I'm just going to read them for you since it's a little bit far away. Water your grass, not the cement; don't take super long showers, do your business and get out of there. Scroll down, if you would. We have a picture of a short shower versus a long shower.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q Q A Q A A B	is it needed or why do you think it's appropriate to run so many advertisements about water conservation? Well, I think everybody is busy and I think you need to try to get the message out in any way you can, in all different avenues that you can, and so that's why we try to do radio and TV and digital ads and just trying to get the word out as much as possible. So that's why I just think it's important to keep spreading the message. There was one image on the screen that you said was particularly popular, do you recall which one that was? Yes. And what the message was on there, can you tell us? It rained, please don't water or please don't water, it rained. Sounds straightforward? Right. So simple messages?	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q	that they can do to help save water, so that's what's being shown here. So here we have a preschooler who got the message? Uh-huh. Jami, go to page 104229. Okay. It looks like we have a familiar face there on the screen, who is that? Looks like WaterSmart Wally. And this is a more sophisticated poster, it's the 1st place entry in the 6th grade category, is that what is that correct? That is correct. And there are a number of different messages here, Jami, zoom in to the top left part of the screen and yeah. So we have and I'm just going to read them for you since it's a little bit far away. Water your grass, not the cement; don't take super long showers, do your business and get out of there. Scroll down, if you would. We have a

25 Q Jami, pull up Exhibit 2690, if you would.

25

important, remember, every drop counts; put in

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1 big loads of laundry, not small ones, emphasis	1 A	It is becoming more popular. We had the most
2 in original; limit your summer water activities,	2	posters we've ever had this past year, so we're
3 go to the pool instead of using, there's a	3	excited about that and we hope that continues.
4 picture of a sprinkler, it looks like. Okay.	4	But, yes, it is a very popular event for us.
5 And so there was a number of different messages,	5 Q	Do the winners of the poster contest get any
and these are other messages that you've been	6	prizes?
7 sending out to you know, if you want to	7 A	They do, we provide Hays Chamber Checks, which
8 explain those, are those all intentional that	8	is a gift certificate essentially to spend money
9 you targeted?	9	in the City of Hays, so it has to be a business
10 A They are. It's amazing when you get these	10	in Hays where they spend those funds. But, yes,
posters back that you see those messages you	11	so the younger kids get a smaller amount, 1st
gave the kids just on the poster. And so when	12	place is \$50, and then the older you get, the
we go give presentations to the schools, we talk	13	more incentive you get because the adult
about every single one of those topics as far	14	category, high school category top prize is
as, you know, don't wash just one hoodie, make	15	\$250.
sure you're washing a full load of clothes.	16 Q	So that little preschooler with the red-headed
17 Q And finally page 104230. And I want to zoom	17	picture got \$50?
in on that last one there, it says, we need	18 A	Yes.
water to live. Tell us about that message.	19 Q	Okay. Do you have an awards ceremony?
20 A Well, I always start the presentations out with	20 A	We do, we try to make this an event, it is an
21 kids saying that, you know, we need water,	21	event, and so these kids and their parents and
right, can you think of anything that doesn't	22	the adults that participate get a chance to come
need water? And we talk about just what needs	23	to an award ceremony. We've had it at the
water, how do we use water, and we start out	24	Sternberg Museum lobby here the last year, and
with those simple messages at the beginning,	25	we provide well, they get a chance to come
Page 798		Page 800
1 give them kind of a basic background.	1	up, accept their award, shake the hands of the
2 Q In the video you were discussing the poster	2	city commission that is present, WaterSmart
3 contest, is this part of the poster contest?	3	Wally is there, and then we have a dessert
4 A This is one of the posters, yes.	4	reception after that with cookies and punch.
5 Q And is the poster contest a popular program in	5 Q	Jami, if you could go to open up a web page
6 your position?	6	and go to
7 A It is becoming very, very popular.	7	Ms. Dickman, can you identify what's on the
8 Q How many entries in the poster contest did you	8	screen right now?
9 have in the most recent year?	9 A	Yes, this is the water conservation page for the
10 A In this most recent year, we had 629.	10	City of Hays' website.
11 Q 629 posters?	11 Q	And is this the page that you indicated during
12 A Yes.	12	that commission meeting that was in the top ten?
12 O Okoy And then you in the video mentioned the	12 4	It is yes

- 13 Q Okay. And then you, in the video, mentioned the
- 14 posters being displayed during Art Walk, tell us
 - about that.

15

- Yes, so this poster contest is for anyone from 16 A
- 17 preschool age through adults, and we display the
- 1st, 2nd, and 3rd place winners of each of those 18
- 19 categories at Art Walk, the Spring Art Walk
- 20 specifically in Hays, and we get to display
- those in the local businesses' Main Street 21
- 22 windows and then they're on display at Art Walk
- 23 and then throughout the month of May.
- Is the poster contest becoming more popular or 24 Q
- 25 less popular?

- 13 A It is, yes.
- 14 Q And what does that mean?
- So top ten means that that year it was in the 15 A
- top ten pages visited, right up there with 16
- 17 police and some of those -- bids and some of
- those other pages that are pretty popular. 18
- 19 O Is this how citizens, residents of Hays can get
- 20 information on the rebate programs and those
- incentives? 21
- 22 A Yes, it is, we have WaterSmartHays.com as our,
- 23 kind of our website domain name for this page,
- and so they can go right to that page to find 24
- information about the rebates and how to save 25

		as County, Kansas & Kansas Water Transfer Act			July 24, 2023
		Page 801			Page 803
1		water indoors and out.	1		relating to water conservation?
	Q	Jami, can you zoom in to that top paragraph for	2	A	Yes, I've had requests from other cities, other
3		me?	3		areas in the state, GMD1, GMD4, just
4		And I'm just going to read for you this	4		inquiring Wichita, City of Wichita, inquiring
5		sentence here, it talks about the different	5		about our conservation programs, how we do those
6		programs and Hays not being located to a	6		types of things and and just getting general
7		sustainable water source, As a result water	7		information about that.
8		conservation has become a, quote, way of life,	8	Q	Jami, pull up Exhibit 927 for us. But don't
9		end quote, for citizens of Hays. Do you agree	9	~	start start it just yet.
10		with that statement?	10		Has the City in the past invested in water
	A	I do agree with that statement.	11		conservation advertisement, you know, clips?
	Q	And what does that what does water	12	A	Yes, we have, we've had various TV ads run in
13	_	conservation being a way of life mean to you as	13		the past.
14		the water conservation specialist?	14	O	Okay. Jami, play Exhibit 927, nine two seven.
	A	Well, I think especially if people have lived	15	~	(Video playing.)
16		there their whole lives, it's just how things	16	R	Y MR. BULLER:
17		are, we're used to that, I can't imagine it	17	Q	Okay, Jami, pause it. Jami, please play
18		being any different. And so if you are born and	18	~	Exhibit 928.
19		raised there, you've lived there for many, many	19		(Video playing.)
20		years, you are accustomed to shutting the water	20	R	Y MR. BULLER:
21		off when you're brushing your teeth and thinking	21		Okay, Jami. Exhibit 929, please. Exhibit 929.
22		about those things, not taking long showers,	22	~	(Video playing.)
23		trying to keep things as efficient as possible.	23	0	
	Q	As a part of the water conservation program, is	24	~	(Video playing.)
25	_	it how is the water conservation program		B	Y MR. BULLER:
		Page 802			Page 804
1		how are the water conservation program	1	Q	-
1 2		how are the water conservation program requirements and that's the wrong question.	1 2		Okay. And, finally, Exhibit 931. (Video playing.)
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	Page 805			Page 807
1	document.	1		MR. LEE: Thank you, Your Honor.
2 A	Essentially it's just a plan that describes our	2		•
3	water conservation efforts and our ways to go	3		CROSS-EXAMINATION
4	about dealing with significant droughts.	4	В	Y MR. LEE:
5 Q		5	_	Ms. Dickman, good morning good afternoon, I'm
6	of that nature?	6	_	used to good morning. Thanks for your
	It mentions those things, yes.	7		testimony, it was it was interesting and good
8 Q		8		to hear. It would appear to me that water
9	little bit on this first page.	9		conservation measures are well received and
10	And then on the bottom portion of that	10		accepted in Hays. Is that fair?
11	page, it lists drought response, stage 1, water		A	I would say that's what we strive to have
12	watch; stage 2, water warning; stage 3, water	12		happen.
13	emergency. Did I read that correctly?		Q	Sure, sure.
14 A			A	Yeah.
15 Q			0	I understand. And I think it is the case, other
15 Q	of those are?		_	than being away at the wrong university, you've
		16		
17 A	Just as a way to respond to significant drought; if we get to a certain level, then we will	17		been in Hays all of your life basically? I lived in Hays well, outside of Hays, in the
18	implement more water conservation measures.		A	• • • • • • • • • • • • • • • • • • • •
19	•	19		area, all of my life except for about five
20 Q	•	20		years.
21	plan? Yes.		Q	Okay. And so you and others who are in that
22 A		22		situation would be accustomed to water
23 Q	Are there any deviations from the water	23		conservation over the years?
24	conservation plan, to your knowledge?		_	I have known about it for a long time.
25 A	Not to my knowledge, I'd say we've done above	25	Q	Okay. All right. I don't think I have anything
	Page 806			Page 808
1	and beyond what's required.	1		else, thank you.
2 Q	So you've satisfied all the requirements and	2		PRESIDING OFFICER: All right.
3	done more?	3		Mr. Buller? I'm sorry, Ms. Langworthy?
4 A	Yes.	4		MS. LANGWORTHY: No questions, Your
5 Q	Jami, pull up Exhibit 788.	5		Honor.
6	And, Ms. Dickman, I'll represent to you	6		PRESIDING OFFICER: All right.
7	that this is ordinance number 3881 that	7		Mr. Buller?
8	authorized the different drought response	8		MR. BULLER: No questions from the
9	stages. Are you familiar with this ordinance?	9		City, thank you.
10 A	I am familiar.	10		PRESIDING OFFICER: All right. Why
11 Q	Okay. Can you describe it for us, please.	11		don't we well, I guess you have one more
12 A	Again, this is an ordinance that is in place to	12		witness today; is that correct?
13	help ensure that we are conserving water in an	13		MR. TRASTER: We do.
14	efficient way, so dealing with droughts and	14		PRESIDING OFFICER: Why don't we
15	measures regarding our water conservation and	15		take a break till 3:00 o'clock and we'll
16	water use.	16		pick back up at 3:00 and resume with your
17 Q	And is the City in compliance with this	17		witness at that time.
18	ordinance?	18		MR. TRASTER: Very good, thank you,
19 A	Yes.	19		Your Honor.
20 Q	Okay. Thank you.	20		(Thereupon, a recess was taken;
21	MR. BULLER: I have no further	21		whereupon, the following was had.)
22	questions, thank you.	22		PRESIDING OFFICER: All right.
23	PRESIDING OFFICER: All right.	23		Mr. Traster, we're back on the record, it
24	MR. COLE: No questions, thank you.	24		is now 3:02 p.m. so you may proceed.
25	PRESIDING OFFICER: Mr. Lee?	25		MR. TRASTER: Thank you, Your Honor,
1				•

Lawa	rus County, Ixansus & Ixansus Water Transfer fice			
	Page 809			Page 811
1	I'm going to call Lane Letourneau to the	1	A	'83 to '85, two and a half, three years.
2	witness stand.		Q	And then what?
3	PRESIDING OFFICER: Mr. Letourneau		A	I got laid off in the oil field in the downturn,
4	is ready.	4		I worked a year at Frontier Tire & Auto in
5	•	5		Salina while I was applying for state jobs. And
6	LANE LETOURNEAU,	6		then I got on with the Division of Water
7	having first duly sworn or affirmed, was	7		Resources 36 years ago last month. I started in
8	examined and testified as follows:	8		new apps, new applications, and then the water
9		9		use position came open, but at the same time
10	MR. TRASTER: Thank you for	10		that came open the law was changed.
11	correcting me.	11	Q	So let's back up.
12		12	A	Okay.
13	DIRECT EXAMINATION	13	Q	So the law changed to require water use reports?
14 B	Y MR. TRASTER:	14	A	Yes, K.S.A. 82a-732, I'll I don't need to
15 Q	Mr. Letourneau, would you please state your name	15		look at my book for that one. With that
16	and spell it for the court reporter.	16	Q	Let's stop just for a quick second and you do
17 A	I'm Lane Letourneau, that's L-A-N-E and	17		have your book, your, quote, book in front of
18	L-E-T-O-U-R-N-E-A-U.	18		you, what is your book?
19 Q	Mr. Letourneau, will you please give us your	19	A	My book is the most recent copy of the Kansas
20	business address.	20		Water Appropriation Act, the most recent copy of
21 A	1320 Research Park Drive, Manhattan, Kansas.	21		our rules and regulations, but then I also have
22 Q	And is that the business address for the Kansas	22		a copy of the Water Banking Act, the Transfer
23	Department of Agriculture?	23		Act, the water protection fee, administrative
24 A		24		matters, and then the GMD Act. And those are
25 Q	And is that where you're employed?	25		the things I'm asked about all the time, so I
	Page 810			Page 812
1 A	That's correct.	1		carry my book with me everywhere I go.
2 Q	We'll come back to that. Can you give us a	2	Q	So you don't have it memorized?
3	little bit of information about your background	3	A	No, I don't.
4	and education?	4	Q	Well, you reeled off sections pretty readily
5 A	I started my	5		so anyway, you so the law changed. Before
6 Q	You don't have to start like in kindergarten,	6		that time, were you encouraged DWR encouraged
7	maybe did you grow up in Salina, I think you	7		water use reporting but they didn't require it.
8	told me?	8		Is that fair?
9 A	Salina, Kansas High School, 14 people in my	9	A	That's correct. It was a permit condition to
10	graduating class, and I say that because that's	10		report your annual water use since, I believe,
11	a lot of culture of how I deal with folks as a	11		the '50s, '57, I believe, but we only received
12	regulator	12		about 55 percent of the annual water use
13 Q		13		reports. And I know it was a question about
14 A	•	14		(Reporter requests clarification
15	University, graduated 1983 with a bachelor's in	15		of the witness.)
16	geology.		A	nonpoint source pollution.
17 Q	· · · · · · · · · · · · · · · · · · ·	17		Y MR. TRASTER:
18 A	8	18	_	You also said chemigation?
19	Guns Perforating and Logging, that was an oil		A	Chemigation, yeah, there's a there's a line
20	com an oil well logging company in Hays, I	20		on the annual water use report for irrigation
21	perforated wells, and then I also was an open	21	_	that asks if someone chemigates.
22	hole engineer, it was called. I'm not an		Q	Can you spell that?
23	engineer, but that was the title of it, I ran		A	C-E-M-I-G-A-T-E, I believe.
24	gamma ray neutron logs on oil wells.	2/	()	. L. L. N./1:7
0- 0			Q	C-H-E-M?
25 Q			A	C-H-E-M.

Page 815 Page 813 1 Q Okay. After that, I became the program manager in 2 A And what that means is to put pesticide or 2 herbicide through your irrigation system. The 3 Q Okay. Did compliance and enforcement come into 3 4 legislature -- Kansas Department of Health and 4 play at some point? 5 Environment was concerned about nonpoint source 5 A Yeah, K.S.A. -- here I go again without looking, K.S.A. 82a-737, I believe, is when the -- prior pollution, so they wanted to know if these folks 6 6 7 were permitted for check valves or not. 7 to that statute, we only had criminal authority 8 And they knew that our mailer at least 8 for someone that was not in compliance with the 9 reached out to every irrigator, and so with 9 Water Appropriation Act. that, they changed the law that required that 10 O And so then that gave you the ability to use 10 11 folks file an annual water use report by civil penalties? 11 12 March 1st of the following calendar year. So 12 A Civil penalty authority. And so because our the 2022 report was due March 1st of 2023, and unit was already doing compliance and 13 13 there were civil penalties attached to folks enforcement with annual water use reports, our 14 14 15 that failed to file. 15 unit then got those duties of doing civil **16** Q So that law was changed what year? penalties as well for all noncompliance. 16 Was there a civil -- originally a civil penalty 17 A I believe 1987. 17 O And there have been some amendments to that law for filing a late water use report? 18 O 18 19 since then, but it was first passed in '87, 19 A Not until 1987. 20 correct? 20 O Okay. Well, that's what I mean, when that --21 A That's correct. 21 okay. So in 2006 or '7, you became the program 22 Q All right. So -- and why is that significant manager? 22 23 for your employment? 23 A That's correct. Well, I was able then to get a promotion. With 24 Q And are you -- is that your current position? 24 A 25 that law came a, at that time a hydro III and an 25 A That's correct. Page 814 Page 816 administrative assistant, and it could have been 1 1 O And that position is in the Division of Water called a keyboard operator, so we had the Resources within the Kansas Department of 2 position I was in but here came another position Agriculture, correct? 3 3 so we became the water use unit. And with me, I That's correct. 4 4 A 5 Q I see. In that -- so the Division of Water was able then to kind of meet everybody in the 5 6 state, then, because I'm sending the annual 6 Resources has other responsibilities, dams and 7 water use reports, people are delinquent, I'm 7 flood -- floodplains and all that, that -talking to these people all the time, so that 8 that's somebody else, though, correct? 8 9 just helped build my relationship with the water 9 A That's a different -- we have three programs, users and the regulated community. Mr. Traster, we've got structures that you were 10 10 just talking about, Terry Medley is the program 11 O I see. And then was there another change within 11 12 the short time after that in the law? When it manager in structures; and you're correct, they 12 13 became -- you got civil penalty authority? 13 deal with dams and floodplain fields and that With the water use or just the Water kind of -- stream obstructions. Then Chris 14 A 14 15 Appropriation Act? 15 Beightel is water management services, and Well, I'm trying to work through your employment they're the modelers, the folks that deal with 16 O 16 history. So you -- you started out in new 17 the com -- interstate compacts. And then 17 18 applications, you were dealing with new 18 there's the water appropriation program that I'm 19 applications for new water appropriation rights, 19 the program manager for. 20 reviewing and approving those or not? 20 O Can you spell Chris' last name? 21 A Correct. B-E-I-G-H-T-E-L. 21 A 22 Q And then you went to this water use reporting **22** O So -- and the three of you, Mr. Beightel, 23 function? 23 Mr. Medley, and you all report directly to the 24 A Correct. chief engineer? 24 **25** Q And then what happened? That's correct. 25 A

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		Page 817			Page 819
1	Q	And he then reports to the secretary of	1		the standards for approval, we don't approve
2	_	agriculture?	2		everything. If it doesn't meet the standards,
	A	That's correct.	3		like say it doesn't meet safe yield is one of
	_	Who's the secretary who's the chief engineer	4		the things we look at, we'll send it back to the
4		at this time?			_
5			5		applicant and allow them to modify it to see if
		It's Earl Lewis right now.	6		they can get it in a location or a reduce the
	Q	I see. And in the course of your duties, are	7		quantity so it does meet safe yield. So there's
8		you I mean, describe your duties, do you	8		a lot of back and forth.
9		interpret and apply the Kansas Water	9		Now, I mentioned outside the groundwater
10		Appropriation Act?	10		management districts, if it's inside the
11		Yes, every day.	11		groundwater management district, we do the
12	_	Do you help draft or draft and implement DWR	12		nearby notices so the groundwater management
13		regulations?	13		district knows the comments, then we send it to
	A	Statutes and regulations.	14		the groundwater management district for their
15	_	And you work with the chief engineer to develop	15		recommendation.
16		policies and procedures. Is that fair?	16	Q	And then do they decide whether or not to issue
17	A	That's fair.	17		the permit?
18	Q	And then is that your job to he thinks great	18	A	No, they'll look to see if it meets their
19		thoughts and you make it happen, you implement	19		current rules or it does not. They make a
20		the programs. Is that a fair way to say it?	20		recommendation to the chief engineer, and then
21	A	That's very fair, yes.	21		the chief engineer can accept that
22	Q	So when let's kind of walk through it, I	22		recommendation or not accept it, and then we'll
23		don't we don't need to go into a great deal	23		go ahead and take the appropriate steps.
24		of detail, but when I when a person files a	24		There's very few times I can recall we did not
25		new application and for a permit, how does	25		accept the GMD's recommendation.
		Page 818			Page 820
		-			
1		that work and just briefly?	1	Q	'Cause they're kind of boots on the ground in
2	A	Briefly, a new application, it must come in and	2		some respects?
3		be acceptable for filing, which really is	3	A	Yeah, absolutely, they're a local layer of
4		acceptable for filing does not have to be	4		government.
5		100 percent complete. It just needs a quantity,			But you also have your own local people, and
6		the location, and a filing fee, and we will	6		you've got field offices in Garden City and
7		accept that and assign a priority. Then we'll	7		Stockton and Stafford and
8		work with folks to get it complete.			
9			8	A	Topeka.
	Q	So you work you work with the applicant?		A Q	Topeka Topeka?
10		So you work you work with the applicant? Absolutely.		Q	=
		• • • • • • • • • • • • • • • • • • • •	9 10	Q	Topeka?
	A Q	Absolutely.	9 10	Q A Q	Topeka? And a satellite office in Parsons.
11	A Q	Absolutely. You return it to them for additional	9 10 11 12	Q A Q	Topeka? And a satellite office in Parsons. Parsons. So and so once it's approved, a
11 12	A Q A	Absolutely. You return it to them for additional information?	9 10 11 12	Q A Q A	Topeka? And a satellite office in Parsons. Parsons. So and so once it's approved, a permit, that's a permit, then what happens?
11 12 13	A Q A Q	Absolutely. You return it to them for additional information? Absolutely.	9 10 11 12 13	Q A Q A	Topeka? And a satellite office in Parsons. Parsons. So and so once it's approved, a permit, that's a permit, then what happens? That's when our work begins because you've got a permit you've got a permit to start to
11 12 13 14 15	A Q A Q	Absolutely. You return it to them for additional information? Absolutely. And meet with them occasionally?	9 10 11 12 13 14	Q A Q A	Topeka? And a satellite office in Parsons. Parsons. So and so once it's approved, a permit, that's a permit, then what happens? That's when our work begins because you've got a
11 12 13 14 15	A Q A Q	Absolutely. You return it to them for additional information? Absolutely. And meet with them occasionally? We meet with them a lot.	9 10 11 12 13 14 15	Q A Q A	Topeka? And a satellite office in Parsons. Parsons. So and so once it's approved, a permit, that's a permit, then what happens? That's when our work begins because you've got a permit you've got a permit to start to appropriate water, to develop a water right; and
11 12 13 14 15	A Q A Q Q	Absolutely. You return it to them for additional information? Absolutely. And meet with them occasionally? We meet with them a lot. And then and once the application is complete	9 10 11 12 13 14 15	Q A Q A	Topeka? And a satellite office in Parsons. Parsons. So and so once it's approved, a permit, that's a permit, then what happens? That's when our work begins because you've got a permit you've got a permit to start to appropriate water, to develop a water right; and develop and perfect are the same word in this
11 12 13 14 15 16	A Q A Q	Absolutely. You return it to them for additional information? Absolutely. And meet with them occasionally? We meet with them a lot. And then and once the application is complete and assuming that it's approvable, that there's water available in the quantity that they want,	9 10 11 12 13 14 15 16	Q A Q A	Topeka? And a satellite office in Parsons. Parsons. So and so once it's approved, a permit, that's a permit, then what happens? That's when our work begins because you've got a permit you've got a permit to start to appropriate water, to develop a water right; and develop and perfect are the same word in this case. And so when I say our work begins, we'll have an approval, and the person then has
11 12 13 14 15 16 17 18	A Q A Q Q	Absolutely. You return it to them for additional information? Absolutely. And meet with them occasionally? We meet with them a lot. And then and once the application is complete and assuming that it's approvable, that there's water available in the quantity that they want, what happens then?	9 10 11 12 13 14 15 16 17 18	Q A Q A	Topeka? And a satellite office in Parsons. Parsons. So and so once it's approved, a permit, that's a permit, then what happens? That's when our work begins because you've got a permit you've got a permit to start to appropriate water, to develop a water right; and develop and perfect are the same word in this case. And so when I say our work begins, we'll have an approval, and the person then has whenever that application is approved and then
11 12 13 14 15 16 17 18 19 20	A Q A Q A A	Absolutely. You return it to them for additional information? Absolutely. And meet with them occasionally? We meet with them a lot. And then and once the application is complete and assuming that it's approvable, that there's water available in the quantity that they want, what happens then? Once it's complete, we'll send out what we call	9 10 11 12 13 14 15 16 17 18 19 20	Q A Q A	Topeka? And a satellite office in Parsons. Parsons. So and so once it's approved, a permit, that's a permit, then what happens? That's when our work begins because you've got a permit you've got a permit to start to appropriate water, to develop a water right; and develop and perfect are the same word in this case. And so when I say our work begins, we'll have an approval, and the person then has whenever that application is approved and then the remainder of that year and the next year to
11 12 13 14 15 16 17 18 19 20 21	A Q A Q A A	Absolutely. You return it to them for additional information? Absolutely. And meet with them occasionally? We meet with them a lot. And then and once the application is complete and assuming that it's approvable, that there's water available in the quantity that they want, what happens then? Once it's complete, we'll send out what we call nearby notices and do a 15-day comment period to	9 10 11 12 13 14 15 16 17 18 19 20 21	Q A Q A	Topeka? And a satellite office in Parsons. Parsons. So and so once it's approved, a permit, that's a permit, then what happens? That's when our work begins because you've got a permit you've got a permit to start to appropriate water, to develop a water right; and develop and perfect are the same word in this case. And so when I say our work begins, we'll have an approval, and the person then has whenever that application is approved and then the remainder of that year and the next year to complete the diversion works. The diversion
11 12 13 14 15 16 17 18 19 20	A Q A Q A A	Absolutely. You return it to them for additional information? Absolutely. And meet with them occasionally? We meet with them a lot. And then and once the application is complete and assuming that it's approvable, that there's water available in the quantity that they want, what happens then? Once it's complete, we'll send out what we call nearby notices and do a 15-day comment period to see if there's any concerns. If there's no	9 10 11 12 13 14 15 16 17 18 19 20	Q A Q A	Topeka? And a satellite office in Parsons. Parsons. So and so once it's approved, a permit, that's a permit, then what happens? That's when our work begins because you've got a permit you've got a permit to start to appropriate water, to develop a water right; and develop and perfect are the same word in this case. And so when I say our work begins, we'll have an approval, and the person then has whenever that application is approved and then the remainder of that year and the next year to complete the diversion works. The diversion works are defined, it has to be a well or
11 12 13 14 15 16 17 18 19 20 21 22	A Q A Q A A	Absolutely. You return it to them for additional information? Absolutely. And meet with them occasionally? We meet with them a lot. And then and once the application is complete and assuming that it's approvable, that there's water available in the quantity that they want, what happens then? Once it's complete, we'll send out what we call nearby notices and do a 15-day comment period to	9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q A Q A	Topeka? And a satellite office in Parsons. Parsons. So and so once it's approved, a permit, that's a permit, then what happens? That's when our work begins because you've got a permit you've got a permit to start to appropriate water, to develop a water right; and develop and perfect are the same word in this case. And so when I say our work begins, we'll have an approval, and the person then has whenever that application is approved and then the remainder of that year and the next year to complete the diversion works. The diversion

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and approve it. I mean, it's got to meet all

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totalizing flowmeter to a diversion works.

Page 821 Page 823 1 Q Okay. So --1 approved, that's when our work begins. 2 Q 2 A To a system, a distribution system, I'm sorry. Right. 3 Q So the requirements in the Water Appropriation 3 **A** 'Cause once this application is approved and 4 Act requires the water be for a beneficial use, 4 it's complete, we receive a notice of completion 5 correct? 5 we call it an N&P, a notice and proof. That 6 A That's correct, yeah. 6 triggers us, then, to go out on what's called a 7 Q It has to be within reasonable limitations, 7 compliance check, because I talked about 8 right? 8 perfecting in conformity with the permits, so we 9 A That's correct. 9 want to make sure the well's in the right 10 Q You have to divert water and apply it to that location, if it's irrigation they're irrigating 10 beneficial use, right? the appropriate place of use. We want to make 11 11 12 A Correct. 12 sure it's in compliance while they operate What happens if you apply it to some other use, during the perfection period. **13** () 13 how's that work? Strike that, that's not going 14 14 Now, if they're pumping, we go ahead and 15 to be really helpful here. 15 we'll grab the instantaneous rate at the time 16 A Okay. because the field inspection, it's in law, folks 16 And it has -- it has to be within reasonable have to pay us \$400 for us to go out and do a 17 O 17 limitations, correct? field inspection, and everything about that 18 18 19 A That's correct. permit in perfection is on that field 19 20 Q All right. So --20 inspection, the place of use, the point -- point 21 A I'm sorry, just to add, each water right has 21 of diversion, rate, quantity, the water use what I call terms, conditions, and limitations. records, and then that instantaneous rate. 22 22 23 O Okay. 23 O When you say it's on the field inspection, And that permit has to operate while it's being there's a form that somebody fills out when they 24 A 24 25 perfected, and it's in the statute, within those 25 go out and do this field inspection, it has all Page 822 Page 824 terms and conditions and limitations, it must 1 the information about -- about the water right, 1 perfect in conformity with the permit to be able the characteristics of the water right on it? 2 2 for us to issue a certificate. 3 A That's the field inspection report, that's 3 Okay. What happens if you use less -- and 4 Q 4 correct. 5 during this period, you use less -- the permit's 5 Q And so what happens if somebody has this 6 for X amount, let's say, just make it -- you 6 theoretical water right for 100 acre-feet and 7 know, it's 100 acre-feet that you have a permit 7 they apply 110 acre-feet, then what happens? for and they use 90 acre-feet is the most they 8 8 A Well, we can -- you know, you ask that if they 9 use in any year during the perfection period, 9 had perfected 90, the certificate would be what happens? written for 90 acre-feet. If it's 10 10 And we refer to that as the maximum year of 11 A 11 110 acre-feet, then we cannot write the record, and so they'll have their perfection certificate for 110, it would be for 100. 12 12 13 period and their certificate will be based on 13 Q Because that's all that was permitted? the maximum year of record; and the certificate 14 14 A That's correct. 15 is actually the water right document, then, 15 O So if I -- we don't want to dwell on this too that's recorded at the register of deeds, that's long, but if I in my second year of irrigation, 16 16 17 for instance, I use those 90 acre-feet but then the property right. 17 I only use 60 and I don't ever use 90 again, 18 O That -- that documents the property right that 18 19 has been created by? 19 what's my certificate going to look like? 20 A By the use -- by the beneficial use from the 20 A 90 based on maximum year of record. applicant. 21 **21** Q Okay. 22 Q Okay. Do sometimes you get out -- is there a 22 A Yeah. 23 field -- is there some way to check on things 23 Q And once that water right is perfected and certified, you issue the certificate of 24 during the perfection period or after? 24 25 A Yeah, I said once we get a new application appropriation, it sets out all the details, and 25

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1		that, you said, gets filed with the register of	1		pivot, a city may be picking up a rural water
2		deeds?	2		district that's part of the distribution system,
	A	That's correct.	3		feedlot may want to expand.
4	Q	So when you you also said that you have to	4	_	Okay. So you change the place of use, the point
5	V	put the well in the right place, so if I it	5	_	of diversion, the type of use, how does that
6		looks when I've seen it, you know, the well	6		what's that about?
7		has to be 1320 feet north and 1320 feet west of		A	Well, in the case of Hays they purchased an
8		the southeast corner of the section, that's the	8		irrigation water right, now they want to change
9		point. What if it's not right at that point?	9		it to municipal. So that's what folks do in
	A	It can be within 300 feet of that point and	10		western Kansas anyway, if people need water in
11		still be in compliance.	11		areas that are closed to new appropriations, we
12	O	Okay. So can the place of use, can I get within	12		tell them to buy an irrigation water right.
13		300 feet of the place of use?		Q	So when you say areas closed, we talked earlier
14	A	We're not that way with the place of use because	14	_	about filing new applications but some areas are
15		the water right is a property right appurtenant	15		closed?
16		to where it's established, and so we're more	16	A	Some areas are closed by rule, groundwater
17		precise with the place of use than we are with	17		management districts have closed by rule. This
18		the point of diversion.	18		area, Groundwater Management District Number 5,
19	Q	Okay. So once I have a water right and it's	19		closed by rule, Groundwater Management District
20		certified, can I am I stuck with those terms	20		3 closed by rule; 1 and 4 also closed by rule, 2
21		and conditions, can I ever change it?	21		is still open. But then other areas are
22	A	Everything can be changed except for the	22		effectively closed, I'll call it, because
23		priority; the rate cannot go up, the quantity	23		they've exceeded the safe yield value.
24		cannot go up, but those can be reduced. And the	24	Q	So let's talk about that just briefly. Safe
25		point of diversion, place of use, and use made	25		yield, what does that mean, what's that mean?
		Page 826			Page 828
1		of water can be changed.	1	A	Well, in our rules, we've adopted a United
	Q	And that's K.S.A. 70 82a-708b, correct?	2		States Geological survey bulletin, the author
	A	Yes, 708b.	3		was Christy Hanson, her recharge numbers across
	Q	So I can move my well to a different location?	4		Kansas. So we look at a 2-mile circle, apply
	A	That's correct.	5		the USGS number to that 2-mile circle in inches,
	Q	If I just go out and move my well without	6		inches of recharge, and then we subtract every
7	V	telling you, is that okay?	7		water right that's in that circle, we pull that
8	A	No, that's you're not in compliance.	8		out, the prior appropriations, to determine if
9	Q	What if I just move it I'm within 300 feet,	9		there's any remaining recharge. And we'll
10	~	maybe I just move it over 10 feet, what's	10		appropriate that recharge then with a new app.
11	A	Well, 10 foot still requires a change; it's a		Q	Okay. So that happens outside of the GMDs
12		short move change that's done in our field	12	_	except well, outside of except for GMD2?
13		office.		A	That's correct.
14	Q	But you still have to get approval for even		Q	That happens across the rest of the state?
15	`	that?		A	That's correct.
16	A	That's correct.		Q	Is safe yield applicable in the in the four
17		So I can change I can change my point of	17	_	GMDs that are closed?
18	•	diversion, I can change my place of use?		A	No. No.
	A	That's correct.	19		Let's we're kind of getting ahead of things
20	Q	So why why would I want to do that?	20	•	in my outline, but maybe my outline's the
21	_	There's a whole host of reasons why someone	21		problem. So when in the you're familiar
22		wants to change their place of use, they	22		with K.S.A. 82a-711(c) and K.S.A. 82a-711a,
23		might irrigation, they might have a flood	23		those two statutes?
			1		

24

25

system that went to a pivot, they might buy the

pivot across the road and want to add that

25 Q What's the essence of those statutes, what do

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1	they mean?	1		depletion of 40 percent in 25 years.
2 A	They establish how we will do how we will		Q	So okay. But that's not safe yield?
	appropriate water with the new application.		A	No.
3				
4 Q	· · · · · · · · · · · · · · · · · · ·		Q	That's groundwater mining?
5	it, go ahead. You don't have to read		A	That's mining, correct.
6 A	No.		Q	And in GMD5, historically, I mean it's closed
7 Q	You may read them	7		now, but historically they allowed groundwater
8 A	No.	8		mining; is that correct?
9 Q	or you don't have to but just basically		A	That's correct.
10 A	Well, what's important in 711, it just says, The	10		When I say they, I mean the GMD and DWR?
11	proposed use neither impairs a use under an	11	A	That's correct. Yeah, we approve the
12	existing water right or prejudicially and	12		applications.
13	unreasonably affects the public interest; it	13	Q	Okay. When when, if you know roughly, when
14	says if it doesn't do either one of those	14		did GMD5 close its area to new appropriations?
15	things, the chief engineer shall approve it.	15	A	It was 1992 or 1994, one of those two years, I
16 Q	Okay.	16		can't remember.
17 A	But it also talks about the proposed use must	17	Q	So the water rights that were in existence when
18	take into consideration establishment of	18		they when DWR and GMD agreed to close that
19	desirable streamflow requirements, the area safe	19		area to new appropriations are still valid and
20	yield and recharge rate, the priority of	20		can continue to divert water?
21	existing claims, and the amount of the claims.	21	A	Absolutely.
22	And so everything that I described in our safe	22	Q	There's some minor exceptions?
23	yield practice comes from 711.	23	A	15 acre-foot exemptions are what they're called,
24 Q	And that means subsection (b) of 711 of	24		yeah.
25	K.S.A. 82a-711?	25	Q	Right. And domestic use?
	Page 830			Page 832
1 Δ		1	Δ	•
1 A	Correct.			Domestic, temporaries.
2 Q	Correct. What does tell us about the effect of	2	A Q	Domestic, temporaries. So it's not absolute, but you can't get a new
2 Q 3	Correct. What does tell us about the effect of subsection (c).	2	Q	Domestic, temporaries. So it's not absolute, but you can't get a new irrigation right?
2 Q 3 4 A	Correct. What does tell us about the effect of subsection (c). Okay. With regard to whether the proposed use	2 3 4	Q	Domestic, temporaries. So it's not absolute, but you can't get a new irrigation right? You cannot well, you can get one for
2 Q 3 4 A 5	Correct. What does tell us about the effect of subsection (c). Okay. With regard to whether the proposed use will impair use under an existing water right,	2 3 4 5	Q A	Domestic, temporaries. So it's not absolute, but you can't get a new irrigation right? You cannot well, you can get one for 15 acre-feet.
2 Q 3 4 A 5 6	Correct. What does tell us about the effect of subsection (c). Okay. With regard to whether the proposed use will impair use under an existing water right, impairment shall include an unreasonable raising	2 3 4 5 6	Q	Domestic, temporaries. So it's not absolute, but you can't get a new irrigation right? You cannot well, you can get one for 15 acre-feet. Okay.
2 Q 3 4 A 5 6 7	Correct. What does tell us about the effect of subsection (c). Okay. With regard to whether the proposed use will impair use under an existing water right, impairment shall include an unreasonable raising and lowering of the static water level.	2 3 4 5 6 7	Q A Q A	Domestic, temporaries. So it's not absolute, but you can't get a new irrigation right? You cannot well, you can get one for 15 acre-feet. Okay. Yeah.
2 Q 3 4 A 5 6 7 8 Q	Correct. What does tell us about the effect of subsection (c). Okay. With regard to whether the proposed use will impair use under an existing water right, impairment shall include an unreasonable raising and lowering of the static water level. So basically what it says is that a new a new	2 3 4 5 6 7 8	Q A Q A	Domestic, temporaries. So it's not absolute, but you can't get a new irrigation right? You cannot well, you can get one for 15 acre-feet. Okay. Yeah. So let's talk a little bit about priority, can
2 Q 3 4 A 5 6 7 8 Q 9	Correct. What does tell us about the effect of subsection (c). Okay. With regard to whether the proposed use will impair use under an existing water right, impairment shall include an unreasonable raising and lowering of the static water level. So basically what it says is that a new a new permit, you can issue a new permit to a water	2 3 4 5 6 7 8 9	Q A Q A Q	Domestic, temporaries. So it's not absolute, but you can't get a new irrigation right? You cannot well, you can get one for 15 acre-feet. Okay. Yeah. So let's talk a little bit about priority, can you explain first in time, first in right?
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Edv	ys, I war	ds County, Kansas & Kansas Water Transfer Act			July 24, 2023
		Page 833			Page 835
-		a little hit of a problem, comotimes you turn	-	0	Pight at the and Or maybe not right at the
1 2		a little bit of a problem, sometimes you turn your head and but she's right on it and	2	Q	Right at the end. Or maybe not right at the end, it's you said earlier that the it's
3		she'll be she'll make sure that you get	3		the type it's the date of priority, not
4		you to say the right thing.	4		the not the purpose of use that determines
	A	She knows me really well actually.	5		priority in times of short supply or something
	Q	Does she?	6		to that effect?
	_	From other hearings, yes.		A	That's correct.
8		I see, okay. I completely lost my thought, what		Q	Am I misremembering?
9	V	was I		A	No, that's right.
10	A	Talking about priority.		Q	Okay.
11		What?	11	_	You're correct.
12		Priority.		Q	So as long as there's plenty of water, as long
13		Oh, yeah, priority of course, very important.	13	~	as there's water available, everybody can divert
14	V	So each water right has a number and they are	14		water, but it's only when there's a supply
15		if my number is lower than yours, I'm senior to	15		shortage that it becomes a problem?
16		you; if my number is higher than yours, then I'm	_	A	That's correct.
17		junior to you. Is that kind of the way it		Q	So it's is it fair to say that that this
18		works?	18	~	prior appropriation doctrine works really well
19	A	That's correct.	19		for surface water and a little less well for
20		So does it matter it only matters when I'm	20		groundwater?
21	~	when the wells are close by, I would assume?		A	I think it's the same; it's just in groundwater
22	A	That that's correct.	22		we need a little bit more time to figure it out.
23		And so in a how does that affect people who		Q	Okay. I mean, it applies both cases but
24		are water right owners in real life, I mean, why		A	Absolutely.
25		do we care about priority?	25	Q	but it's a lot easier I see what you're
		Page 834			Page 836
					-
	A	Because priority in the western states, we	1		saying. I mean, it's easier to you can look
2		have a limited supply, and so it's best if you	2		out the window and see there's water in the
3		are senior because then you can put your water	3		river right now
4		right to full beneficial use and get the biggest		A	Right.
5		economic impact from it, that's my understanding		Q	and so if you have a water right, you can
6		as why we do it. Instead, if you have 100	6		divert water. When you look out and there's no
7		gallons and you're senior, you're going to get	7		water, then you got a problem and you know right
8		more benefit than spreading 100 gallons amongst	8		then. But with groundwater it takes longer?
9	0	100 people and they only have 1 gallon of water.		A	Okay.
10	Ų	So there's a doctrine in the law called		Q	I think I'm understanding.
11		correlative rights that says we're going to	11		Yeah, with groundwater, we need to be able to
12 13		distribute something fairly among people, and at the end of the day if you take if you only	12		conduct a pump test. Sure. So the factors that go into this question
13 14		have 100 acre-feet and ten people get it, nobody	13 14	_	of availability of water include, what,
15		gets any benefit. Is that fair?	15		saturated thickness?
16	Δ	That's that's fair.		A	Yes.
17		But but by giving all the water to the senior	17		And proximity, the distance between wells?
18	V	user, there is an economic benefit that to	18	_	Yes.
19		society from from the use of the smaller	19		And how many wells there are in a particular
20		quantity that's actually available?	20	V	area?
21	A	That's correct, having a senior water right, it		A	Yes, and the rate and quantity.
22		actually means something.		Q	And the rate and quantity. So let's talk a
23	O	So I think it's 707, 82a-707, does it say	23	_	little bit about direct interference and then
24	_	something about during times of short supply?	24		let's get into this to regional issues. But
1 -		Wall :4	1		it's my understanding and voying a goal grist

25 A Well, it --

25

it's my understanding, and you're a geologist,

right? Correct. Tell us a little bit about cones of depression and around a well. All right. So the well is setting in an aquifer, it's saturated, and when you turn the nature and pull the aquifer into the well. And so if you can imagine just a cone around the wellbore, that's going to be your what we call the cone of depression; the impact that well has on the aquifer is the cone of depression. So okay. So the well is off and the water evel is at its static water level across whatever it is that you're that aquifer? Correct. When you turn the pump on, it immediately pumps water, the water that's in the wellbore out? Correct. And then water starts flowing into the well hrough the screens? That's correct. And as you continue to pump, it it pulls more and more water in, correct?	2 3 4 5 6	A Q A Q A Q A	Because there's enough water in the aquifer. Okay. So does that when you're looking at a new application or you're looking at a an application how far can I move my well? You said if I move it 10 feet, I still have to get your permission, can I move it 5 miles? No, in the statute, the change statute, 708(b), it talks about the well must be in the same local source of supply. And what's that mean? To me, that means that cone of depression, but to our to DWR, Division of Water Resources, David Pope set that at a half mile decades ago. So we will allow someone in a groundwater setting to move a half mile, that's considered the same local source of supply as long as they do not impair. Okay. So I can move my well a half a mile You got to meet spacing and you cannot impair. You can't what? You have to meet well spacing and you cannot impair, but you can move half a mile.
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That's correct. And as you continue to pump, it it pulls more		_	mipan, but you can move han a mile.
		0	Okay. So when you say meet well spacing, I can
		_	move a half a mile, so I think what you're
,	25		saying is well, I have but I have to stay
Page 838			Page 840
That's correct.	1		far enough away from other wells; is that right?
And then that cone keeps growing and gets larger	2	A	That's correct.
	3	0	What if I'm the senior water user and I want to
	4	_	move closer to a well that's junior?
	5	A	You still have to meet spacing and you still
			cannot impair.
		0	So I can't what is impair, what happens
		~	how would my well impair a junior well?
		Δ	By interfering with its pumping. It is illegal
		4 1	for someone with a junior by diversion to keep
			water from getting to a senior water right.
			Okay.
			•
		A	And so but even in the case of a change
			application, we would not allow that same
			standard to happen with the change application
			'cause if you moved closer to somebody based on
			that change, you could not cause that same test
		_	of impairment.
		Q	Okay. So let's say I want to move closer to a
	20		well I mean, is it the my cone of
	21		depression can't get close to his cone of
well pumping, there'll be a cone of depression	22		depression, or how does that work?
out then it doesn't get the cone of	23	A	The cone of depressions can get closer, it's
lenression doesn't get any higger	24		just the cone of depression cannot cannot
repression doesn't get any bigger.			impact the other cone of depression to the point
	And then that cone keeps growing and gets larger and larger, right? Well, it's going to reach an equilibrium at some oint, but, yes, I mean yeah, the well's oing to reach an equilibrium and the aquifer will support that well. Okay. So if you have sufficient saturated another said your well is deep enough and enetrated enough, you're going to start utiling you start pulling water and the cone of depression gets it goes out radially from the wellbore, in essence, I mean, there are some irrcumstances that causes a little bit different, but generally speaking it's a radial process. And but when the rate of flow into the well exceeds the rate of withdraw from the well, is not the equilibrium you're talking about? No, just when the aquifer, if it supports the well pumping, there'll be a cone of depression doesn't get any bigger.	And then that cone keeps growing and gets larger and larger, right? Well, it's going to reach an equilibrium at some oint, but, yes, I mean yeah, the well's soing to reach an equilibrium and the aquifer fill support that well. Okay. So if you have sufficient saturated sickness and your well is deep enough and enetrated enough, you're going to start ulling you start pulling water and the cone of depression gets it goes out radially from le wellbore, in essence, I mean, there are some incumstances that causes a little bit different, but generally speaking it's a radial little fircle around the well? Correct. And but when the rate of flow into the well secence of withdraw from the well, is not the equilibrium you're talking about? No, just when the aquifer, if it supports the rell pumping, there'll be a cone of depression ut then it doesn't get the cone of	And then that cone keeps growing and gets larger and larger, right? Well, it's going to reach an equilibrium at some oint, but, yes, I mean yeah, the well's oing to reach an equilibrium and the aquifer fill support that well. Okay. So if you have sufficient saturated anickness and your well is deep enough and enetrated enough, you're going to start ulling you start pulling water and the cone of depression gets it goes out radially from the wellbore, in essence, I mean, there are some incumstances that causes a little bit ifferent, but generally speaking it's a radial incle around the well? Correct. And but when the rate of flow into the well seceeds the rate of withdraw from the well, is and the equilibrium you're talking about? No, just when the aquifer, if it supports the rell pumping, there'll be a cone of depression tut then it doesn't get any bigger.

]	Edv	var	ds County, Kansas & Kansas Water Transfer Act			July 24, 2023
			Page 841			Page 843
	_		41-4-24-1	_		
	1	_	that it keeps water from getting to it.	1		and sure enough there was impact. We thought
		Q	And what is the well spacing requirements, I	2		there was a problem with the well, the guy
	3		mean, what's the limit?	3		invested money into his well. But just because
		A	It's different across the state but 660 feet to	4		we had a pump test and things, we were able to
	5		a domestic and 1320 to another 1320 feet to	5		establish a water level to where the junior
	6	_	any other well.	6		could operate 400 gallons a minute, he wouldn't
		Q	Irrigation well?	7		get below that water level, and the senior could
		A	Irrigation or municipal.	8	_	be satisfied.
		Q	Okay. So I can if I'm a half mile away from	9	_	Could still operate?
	10		your well, I and I'm senior, I can move	10		Yeah.
	11		toward you, I just can't get too close?		Q	That's a rather unusual situation, wasn't it?
	12		That's correct.		A	Yeah, because once we got to really looking at
		Q	All right. Now, as long as I don't get too	13		the well logs, there was probably only about
	14		close, then I'm not there's no direct	14		40 feet of saturated thickness and it had a
	15		impairment?	15	_	confining layer over it.
	16	A	Well, the well spacing is the first test of		Q	So confined layers have a completely different
	17		direct impairment, but then if direct impairment	17		dynamic, don't they?
	18		occurs, we still have the authority to curtail		A	Absolutely.
	19	_	pumping so impairment does not occur.		Q	And that's why there's, like, a 4-mile
		Q	Okay. So it the well spacing is sort of a	20		separation of wellfield spacing in the confined
	21		threshold question, but but in certain in	21		Dakota versus a quarter mile in unconfined
	22		some circumstances, that may not be enough?	22		areas. Is that fair?
	23	A	Absolute I know of a case well, two,		A	That's that's fair.
	24		two cases where I think the wells are over a		Q	So these rules about well moving wells and
	25		mile apart but we saw an impact, and we've made	25		original well placement, they're designed to
			Page 842			Page 844
	1			1		•
	1 2		Page 842 adjustments to the pumping to where impairment is not occurring now.	1 2		Page 844 protect both junior and senior rights from direct impairment. Is that fair?
	2	Q	adjustments to the pumping to where impairment	2		protect both junior and senior rights from
	2	Q	adjustments to the pumping to where impairment is not occurring now.	2		protect both junior and senior rights from direct impairment. Is that fair?
	2 3	Q	adjustments to the pumping to where impairment is not occurring now. So even if there is a if there's a pumping at	2	A Q	protect both junior and senior rights from direct impairment. Is that fair? That's fair.
	2 3 4	Q	adjustments to the pumping to where impairment is not occurring now. So even if there is a if there's a pumping at the original permitted rates and quantities,	2 3 4 5	A Q	protect both junior and senior rights from direct impairment. Is that fair? That's fair. Is there any I don't want to I mean, is
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	4, 2025		Iwarus County, Kansas & Kansas Water Transfer Act
	Page 845		Page 847
1	it also shows the different proposed municipal	1	do you have you if I told you that there
2	wells?	2	was over 40,000 gallons per minute authorized
3 A	Correct.	3	for all of the water rights on the ranch, would
4 Q		4	that surprise you?
5	they're consolidated into the municipal wells.	5 A	
6	But you you can see these orange semicircles	6 Q	
7	around are you aware of what those are?	7	14,000 gallons per minute, the max, would that
8 A	Yes.		surprise you?
_		8 9 A	
_	Will you explain that, please. So when working on the change application, the	_	
10 A	City agreed to create a buffer around existing	10 Q	Okay. And, in fact, if they operate at 350, it's even less?
11		11	
12	irrigation wells, and I believe that buffer is a	12 A	
13	half a mile. And the City also agreed to	13 Q	
14	increase their well spacing, which makes it	14	see underground even though you're a geologist
15	better when you increase the well spacing to not	15	and know a lot about what's down there, but
16	have the impact. And then they've also agreed	16	based on the available evidence, do you see any
17	to reduce well, to operate the rate of	17	significant potential for impairment of any of
18	350 gallons a minute, which makes it not as big	18	the neighboring wells by virtue of approval of
19	a cone of depression basically.	19	this transfer application?
20 Q	Okay. I might correct you there, that's the	20 A	No, not not everything that's in front of me
21	plan is to operate at 350	21	right now, no, no impairment.
22 A	S	22 Q	Not with everything that's in front of you?
23 Q	but the rates, they have the permission to	23 A	Right.
24	operate at little higher rates?	24 Q	
25 A	Absolutely, sure.	25	aware of of a potential of potential
			l l
	Page 846		Page 848
	Page 846		Page 848
1 Q	Okay. So 1320 feet is a quarter mile, that's	1 .	impairment?
2	Okay. So 1320 feet is a quarter mile, that's the that's the regulatory limit and that's a	2 A	impairment? No.
2 3	Okay. So 1320 feet is a quarter mile, that's the that's the regulatory limit and that's a limit in GMD5?	2 A 3 Q	impairment? No. So the K.A.R. 5-4-1 is a DWR regulation that
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Ea	war	ds County, Kansas & Kansas Water Transfer Act			July 24, 2023
		Page 849			Page 851
1	A	Oh, I'm fine. Thank you.	1		example?
		Okay. So step one, make sure my my well		A	Yeah, where the senior well operates but it's on
	Q	· · · · · · · · · · · · · · · · · · ·		A	
3		my diversion works are in good shape?	3		its own, I mean, it's pretty much out of water
	A	Correct.	4		and the other ones around aren't even touching
5	_	What's next?	5		it, their cones of depression aren't even
6	A	Then if it's in good shape, then we conduct a	6		touching that particular one because they're
7		hydrologic test.	7		the one I talked about with five or six touching
8	Q	How does that work?	8		the senior, he started out with probably 10 or
9	A	Well, John Munson in our staff is extremely good	9		15 wells and found out that they weren't
10		at this, and he will go out and put rate loggers	10		touching but five or six were, if that makes
11		on the meters, transducers in any well that he	11		sense.
12		can find within the area.	12	Q	Sure. So at that point, the senior well can ask
13	Q	What's a transducer?	13		that the junior wells be cut off or
14	Ā	It is what measures the water table and actually	14	A	They file what's called a request to secure
15		then will record it then on a logger.	15		water.
16		So it measures the water table, measures, what,		Q	Okay.
17		the height of the water table?	17	_	And once we have that request to secure water,
18		Well, the static water level, I'll call it,	18	11	it's the chief engineer does not have any
19	А	where the water is in the aquifer.	19		discretion at that point in the statute, he must
	\circ	Okay. The top of the aquifer?			curtail the junior to satisfy the senior.
20	_	• • •	20	0	•
21		Top of the aquifer. Then once John gets		Q	So in this situation, there's been some
22		everything instruments on everything, then we	22		MR. TRASTER: Your Honor, could we
23		let folks operate; they can operate normally, we	23		have about a five-minute break? If that's
24		try to do a 48-hour pump test. But then with	24		all right?
25		that information, John can tell when wells are	25		PRESIDING OFFICER: Yeah. It's
		Page 850			Page 852
1		Č	1		
1 2		coming on, going off. He then with that pump	1 2		4:00 o'clock now, let's just take a short
2		coming on, going off. He then with that pump test information, he can determine what's called	2		4:00 o'clock now, let's just take a short recess until five after, then.
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2 3 4		coming on, going off. He then with that pump test information, he can determine what's called storativity, how much the aquifer stores, and I'm going to struggle spelling that.	2 3 4		4:00 o'clock now, let's just take a short recess until five after, then. MR. TRASTER: Thank you very much. (Thereupon, a recess was taken;
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	Page 853			Page 855
1 A	Yes.	1		have been plugged, but but during irrigation
2 Q		2		operations they were all contributing to the
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3	and so what what happens when there's it's	3		decline?
4	just there's no well direct well-to-well	4		That's correct.
5	interference or it can be managed, what happens	5	Q	And once the wells start back up I've just
6	when somebody runs out of water because the	6		been handed a note, 140 feet 'cause I said 145
7	we've emptied the aquifer, is that does that	7		and I want to be correct on this, but evidently
8	happen?	8		it's 140 feet is the maximum saturated
9 A	Yeah, Scott County, Lane County, Wichita County,	9		thickness. So once if the transfer
10	they've dewatered themselves without any impact	10		application is approved and Hays and Russell
11	to a neighboring water right. So basically	11		start withdrawing water from this aquifer, which
12	those statutes allow you to dewater the aquifer	12		if I understand you correctly, they have the
13	as long as you don't impact anybody.	13		right to do; is that correct?
				•
14 Q		14	A	That that's correct, once this is all
15	Mr. McCormick testified that the aquifer in this	15	_	approved.
16	area is ranges from 45 feet thick to, like,	16	Q	Okay. So they'll be able to they'll start
17	145 or 50 feet, were you there for that	17		pumping, and and has the impact on the
18 A		18		aquifer been assessed in any way?
19 Q	And does that comport with your understanding of	19	A	Not with the well, with the model.
20	the aquifer in this?	20	Q	The model?
21 A	Yes.	21	A	Yeah.
22 Q	And I would direct you to this poster here,	22	Q	The model assessed the aquifer, right?
23	Exhibit 2666, and that's not intended to be an	23	_	And I think Daniel Clement had done some pump
24	exact representation, you know, of the precise	24		tests and things, but I think that's about all I
25	qualities of the aquifer but to give an idea of	25		know about it.
	1			
	Page 854			Page 856
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1	Page 854 what that aquifer looks like in general. And so	1	Q	Page 856 Well, but they GMD has a model, correct?
1 2	-	1 2	_	-
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	Page 857			Page 859
1	O Sura Evaruhadu is	-		clear for the record.
	Q Sure. Everybody is.A Yeah.	1		
		2		MR. TRASTER: Yep, no, he's entitled to object and he's entitled to foundation.
	Q So does the does the model as modified by DWR perform as well as the model that that the	3 4		BY MR. TRASTER:
4		_		1 T
5		6	Q	want to go back through that. Who's
6		7		Mr. Perkins?
7			A	
8		9		Chris Beightel's program, water management
9 10		10		services, and Sam is our modeler.
11	1 - m - 1 dm - 1 - 1 - 1		Q	·
12		12	_	
13			Q	
14		14	_	he where does he where's his office?
15				Now after COVID he works remotely because he
16		16		works in Lawrence, but he's always just a Teams
17		17		Meeting or a Zoom meeting away. But for years,
18		18		yeah, he was just 20 feet away from me.
19			Q	
20		20	_	the GMD5 model
21		21		
22			Q	•
23			A	
24		24		a one-layer model.
25			Q	
	unink we have a couple unings here. There		×	onay. When we say a seven layer model, I guess
	Page 858			Page 860
1		1		
1 2	was the first question that you asked	1 2		I I don't know exact I think I know what
2	was the first question that you asked Mr. Letourneau, and then we had Mr. Lee's	2		I I don't know exact I think I know what that means, but can you
2	was the first question that you asked Mr. Letourneau, and then we had Mr. Lee's objection, and then you're basically it	2	A	I I don't know exact I think I know what that means, but can you I think I know what it means too, I think it
2 3 4	was the first question that you asked Mr. Letourneau, and then we had Mr. Lee's objection, and then you're basically it sounds like you're countering those	2 3 4	A	I I don't know exact I think I know what that means, but can you I think I know what it means too, I think it might be water quality and some other things,
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2 3 4 5 6	was the first question that you asked Mr. Letourneau, and then we had Mr. Lee's objection, and then you're basically it sounds like you're countering those foundation arguments by saying what you think Mr. Letourneau will testify here.	2 3 4 5 6	A	I I don't know exact I think I know what that means, but can you I think I know what it means too, I think it might be water quality and some other things, you know. I don't know, that's a question for a modeler.
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	Page 861			Page 863
1	transmissivity, he'll get that from the model	1		understand from other circumstances that GMD5
2	and do the best he can; but most of the time, we	2		has this model that was prepared by Balleau
3	try to get that from pump tests.	3		Groundwater, Inc. Is that
4 Q	From on-site testing?		A	Balleau Groundwater & Associates.
5 A	On-site testing, yes.		Q	Okay. And that that GMD5 model is the model
6 Q	So in the course of your business and your work	6	Ų	that was provided to Burns & McDonnell for
_				
7	on water rights in Kansas, do you need that	7		purposes of the change applications
8	water that model that Sam uses, Dr. Perkins		A	That's
9	uses to be to be, I don't want to say		Q	is that correct?
10	accurate because it is not precise models	10		That's my understanding, yes.
11	aren't perfect, are they?	11	_	And Mr. Perkins ran that model as well?
12 A		12		Yes.
13 Q	But but to be useful and representative of	13	Q	But you don't know whether it was the one layer
14	the aquifer where you're examining?	14		or the seven layer but he ran the model?
15 A	Yes, and what's important is the model is what	15	A	I know he ran the one-layer model.
16	we all agreed to; we agreed to use that model	16	Q	Okay. And were you here when Mr. McCormick said
17	for the analysis on these applications.	17		that Mr. Perkins is an excellent modeler?
18 Q		18	A	Yes.
19	change applications for Hays and Russell?	19	0	Okay. And would you agree with him?
20 A	Correct.	20	_	Yes. And I would agree that Mr. McCormick is
21 Q		21		also.
22	Burns & Mac use the seven-layer model or the	22	0	Okay. So and there was some discussion about
23	one-layer model, if you know?	23	_	meetings between the chief engineer at the time,
24 A	I don't know.	24		Mr. Barfield, and Mr Dr. Perkins and Burns &
25 Q	Okay, that's fine. So in the course of your	25		McDonnell and others to discuss the scenarios
25 Q	Okay, that's fine. So in the course of your	25		WeDolinen and others to discuss the scenarios
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	Page 862			Page 864
1	Page 862 discussion or your well, in the course of	1		Page 864 and various issues that were that were
1 2		1 2		and various issues that were that were
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2 3 4 5 6 7 A 8 9 10 Q 11 A 12 Q 13 14 15 16 A 17 18 Q 19 A 20 21 Q 21 Q 22 Q 23 Q 24 Q 25 Q 26 Q 26 Q 27 Q 27 Q 27 Q 27 Q 27 Q 27	discussion or your well, in the course of your discussions with Mr with Dr. Perkins, do you know whether or not, has he told you whether or not the model that he collapsed from seven to one layer is comparable, produces comparable results? Yeah, he ran it, he ran the model to make sure that he got the same results as Mr. McCormick, is my understanding. Okay. My questions are a little more general. Okay. In terms of Mr. Perkins running of the model for you for just kind of generally in GMD5 for making management, water management decisions in GMD5? Yes, the GMD5 model is a very good model is my understanding. Okay. Sam Sam runs it and he provides us information from it. Okay. So it's my understanding, then, that let's back up and let's talk specifically about the change applications for the R9 Ranch for	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A Q A Q A Q	and various issues that were that were actually that the model was used for by Burns & McDonnell. Do you remember that testimony? Yes. Were you at any of those meetings? Some of them, yes. Do you, as a regulator, more generally meet with consultants to discuss these kinds of things, what to model, how to model it, what or maybe it's not even modeling, other technical issues? Yes, we have a culture that we meet with consultants, we meet with water users, we meet with everybody. And are those meetings helpful? Absolutely. How? Well, we want to meet with any individual to make sure that we can guide them on the right path on what to give us, whether it's an individual actually, if it's an individual, we have to help them because our applications can be complicated, we want to make sure that

Edv	ar	ds County, Kansas & Kansas Water Transfer Act			July 24, 2023
		Page 865			Page 867
1		what to expect from the applicant, they know	1		And so my question to you, sir, is if the
2		what to expect from us.	2		City of Hays were to divert the City of Hays
3		They ask us if their project meets the	3		and Russell Cities of Hays and Russell were
		statutes and the rules, a lot of people talk to			to divert 4800 acre-feet per year for 51 years
4		· · · · · · · · · · · · · · · · · · ·	4		
5		us about the consumptive use. We probably bring	5		from the R9 Ranch, in the area where we got
6		in over 1,000 calculations from multiyear flex	6		140 feet of saturated thickness, would would
7		accounts at the end of 2022; I mean, people are	7		an additional 2.6 feet of decline or would
8		coming into our field office asking coming	8		I'm not sure it's additional but it may be, but
9		into our field offices asking what my	9		would 2.6 feet of decline over what the model
10		calculation will be on a multiyear flex account	10		the model that Mr. McCormick ran be significant?
11		because they've overpumped so	11	A	No, they wouldn't even notice it.
12	Q	So they want a calculation of the quantity that	12	Q	Who wouldn't even notice it?
13		they'll be able to pump if they enroll in a	13	A	The surround any of the people pumping around
14		multiyear flex account, they'll want to know how	14		there wouldn't even know a decline of 2 feet,
15		much they have in the next four years?	15		2.8 feet.
16	A	That's correct.	16	Q	So there so did I say 2
17	Q	Okay.	17	A	2.8.
18		But we we're constant outreach, we're	18	Q	I really want to ask for about 2.8 feet?
19		constant meeting with people, I mean, not	19	_	Okay, 2.8 feet, I don't personally, I don't
20		just we meet with Dodge City, we met about	20		think anybody would notice that.
21		Arkansas City, I mean, so, yeah, we City of		Q	In the area where there's 140 feet of saturated
22		Wichita, we probably met with those folks more	22	_	thickness?
23		than Hays regarding the aquifer storage and	23		That's correct.
24		recovery. So, again, we meet with people all	24		Why?
25		the time.	25	_	It's just not it's less than 1 percent of the
25		the time.	25	A	it's just not it's less than I percent of the
		Page 866			Page 868
1	0	•	1		
1 2	Q	So during the course of the discussion about	1 2		total saturated thickness. I don't have my
2	Q	So during the course of the discussion about and the application, the consideration of the	2		total saturated thickness. I don't have my calculator here, but I think it's less than
2	Q	So during the course of the discussion about and the application, the consideration of the change applications, you met with DWR	2		total saturated thickness. I don't have my calculator here, but I think it's less than 1 percent.
2 3 4	Q	So during the course of the discussion about and the application, the consideration of the change applications, you met with DWR personnel, you and others met with Mr. McCormick	2 3 4	Q	total saturated thickness. I don't have my calculator here, but I think it's less than 1 percent. Okay. And so you've heard the discussion I
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2 3 4 5 6		So during the course of the discussion about and the application, the consideration of the change applications, you met with DWR personnel, you and others met with Mr. McCormick and others to discuss how the model was going to be used?	2 3 4 5 6	Q	total saturated thickness. I don't have my calculator here, but I think it's less than 1 percent. Okay. And so you've heard the discussion I mean, you've talked to the folks that have irrigation wells in the vicinity, have you not?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A Q A Q A	So during the course of the discussion about and the application, the consideration of the change applications, you met with DWR personnel, you and others met with Mr. McCormick and others to discuss how the model was going to be used? Yes. And you met with the Cities and the lawyers and Burns & McDonnell Yes. and others during the course of that as well? That's correct. Okay. Paul McCormick testified, as I said earlier, that there's 45 to 140 feet of saturated thickness, and we've learned that Mr. Larson has suggested that the model that that Mr. McCormick ran understated the the decline that is likely to occur on at and outside of the ranch. And I think that it's fair to say that the most the most decline approached 2.8 feet, in other words there's	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q	total saturated thickness. I don't have my calculator here, but I think it's less than 1 percent. Okay. And so you've heard the discussion I mean, you've talked to the folks that have irrigation wells in the vicinity, have you not? Yes. And you know they're concerned about impairment? Absolutely. Is their concern justified? We have not had an impairment complaint from anybody, and I don't think based on even the work that Mr. Larson did, 2.8 feet is not significant in 140 feet. It's it's not even significant in 45 feet. So if you let's say they let's say, how about after 100 double, if they run it for 102 years, do you think that it's going to be significant at that point? No, I don't. Personally, I do not. And is this based on what? I mean, that's your
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'	age 869	Page 871
1 Q In consultation with staff and the chief	1 A Y	'es.
2 engineer and others?	2 Q C	Okay. So you've testified that you don't think
3 A Right. And then I just have to add, if there'		at, based on the analysis that was done, you
4 impact, say after 50 years, we still have the		on't think there's going to be direct
5 authority to do the pump test and determine		npairment between by approval of these
6 where that impact is coming from, and if the		ells, approval of this transfer application is
7 is impact, we would curtail water rights.		ot likely to result in direct impairment; is
8 Q So have you assuming that there is a well		at correct?
9 with a senior right that is impaired, that does		That's correct.
10 have some impact and it's in the it's near		and and that and that steps have been
the ranch, is it a foregone conclusion that it's		ken to try to make sure that doesn't happen by
the ranch, the wells on the ranch that are		creasing separation distances?
13 causing it?		'hat's correct.
14 A No, not until we do a pump test, we don't kn		and I think it's also your testimony, and
15 Q Okay. So if someone were to make a an		orrect me if I'm wrong, that you don't think
impairment complaint and you did a pump test,		ere's approval is going to cause regional
what I mean, which wells would be shut off?		npairment?
		That's correct.
18 A The if there was impact by direct diversio the wells that were causing the problem by	·	
	_	Okay. So I'm going to skip back to some of your
		aties. Are you is your you or your
21 Q If there was a well that was impacted directly		e people who report to you responsible for
but it but it was being impacted by a senior		inplementing administration of minimum desirable
well, would it would the senior well be cut		reamflow requirements?
24 off?		t's a combination of water management services
25 A No.	25 aı	nd then the water appropriation program. We've
ŗ	age 870	Page 872
	age 870	Page 872
1 Q So it would be cut off in order in order of	1 gc	ot a staff member in water management services,
1 Q So it would be cut off in order in order of priority?	1 go 2 L	ot a staff member in water management services, izzie Hickman, that checks the stream gages
 1 Q So it would be cut off in order in order of 2 priority? 3 A Correct. 	1 gc 2 L 3 ev	ot a staff member in water management services, izzie Hickman, that checks the stream gages very day. And then she makes the determination
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 Q So it would be cut off in order in order of priority? A Correct. Q Until the until the most senior right that was actually impacted could produce its authorized quantity, fair? 	1 gc 2 L 3 ev 4 w 5 st 6 Q J	ot a staff member in water management services, izzie Hickman, that checks the stream gages very day. And then she makes the determination hen a stream qualifies for a minimum desirable reamflow administration. ust just high level, what is minimum
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		Page 873			Page 875
	1	a minimum desirable streamflow on the Cimarron?	1		correct?
	- 2 A			A	That's correct.
	3	did. I don't see one, I don't see one on the		Q	So GMD5 has a management program, have you
	4	Cimarron.	4	_	reviewed it, are you familiar with it?
	- 5 Q			A	I'm familiar with it.
	о б А		6		Did you help review it to determine whether or
	7	Great Bend, and Hutchinson.	7	_	not Mr. Barfield would put his signature on
	, вQ		8		there?
	9	the Colorado line through Lakin, Garden City,		A	
10		Dodge City, all the way to Kinsley, there's	10		compliance with the statutes.
1:		no no minimum desirable streamflow		Q	And is it?
		Correct.		A	Yes.
	3 Q			Q	Is there anything in that management program
14		is it generally?	14	_	that is going to that would curtail or give
	- 5 A		15		you pause to concern pause for concern about
	5 Q	·	16		approval of the of the transfer application?
1'		3 CF on a regular basis?		A	No.
	, В А .	•		Q	So during the course of the discussions with
	9 Q		19	V	among Hays, Russell, GMD, Burns & McDonnell and
	0 A	•	20		others, was there any requirement that, or any
	1 Q	·	21		thought about waiver of any particular rules?
2:		the most junior right on the ranch is file		A	Well, it was discussed, and actually that was a
2:		number 30,084 with a priority date of July 1,	23		very key part of this process was Hays was
24		1977. All of the other water rights on the	24		adamant, they said, we do not want to be in the
2!		ranch are senior to that; they range from a	25		position to where anybody has to waive a rule.
					Final Control of the
		Page 874			Page 876
				0	
	1	priority date in, I'm going to say January of		Q	Mr. Letourneau, you know that the City of
:	2	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights	2		Mr. Letourneau, you know that the City of Russell owns a portion of this ranch?
:	2 3	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum	2	A	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct.
:	2 3 4	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum desirable streamflow requirements?	2 3 4	A Q	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct. And you know that they were an applicant here?
:	2 3 4 5 A	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum desirable streamflow requirements? No.	2 3 4 5	A Q A	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct. And you know that they were an applicant here? Correct.
:	2 3 4 5 A 6 Q	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum desirable streamflow requirements? No. Because?	2 3 4 5 6	A Q A Q	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct. And you know that they were an applicant here? Correct. And is it fair to say that when you're talking
	2 3 4 5 A 6 Q 7 A	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum desirable streamflow requirements? No. Because? They're senior to that April of 1984 date.	2 3 4 5 6 7	A Q A Q	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct. And you know that they were an applicant here? Correct. And is it fair to say that when you're talking about what Hays wants that it was kind of both
	2 3 4 5 A 6 Q 7 A 8 Q	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum desirable streamflow requirements? No. Because? They're senior to that April of 1984 date. Does the does your program interact tell	2 3 4 5 6 7 8	A Q A Q	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct. And you know that they were an applicant here? Correct. And is it fair to say that when you're talking about what Hays wants that it was kind of both of them?
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 4 5 A 6 Q 7 A 8 Q	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum desirable streamflow requirements? No. Because? They're senior to that April of 1984 date. Does the does your program interact tell us a little bit about the relationship between	2 3 4 5 6 7 8	A Q A Q A	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct. And you know that they were an applicant here? Correct. And is it fair to say that when you're talking about what Hays wants that it was kind of both of them? It's both of them.
10	2 3 4 5 A 6 Q 7 A 8 Q 9	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum desirable streamflow requirements? No. Because? They're senior to that April of 1984 date. Does the does your program interact tell us a little bit about the relationship between the Division of Water Resources and the GMDs in	2 3 4 5 6 7 8 9	A Q A Q Q	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct. And you know that they were an applicant here? Correct. And is it fair to say that when you're talking about what Hays wants that it was kind of both of them? It's both of them. You don't you're not trying to get rid of
10 11 11 11 11 11 11 11 11 11 11 11 11 1	2 3 4 5 A 6 Q 7 A 8 Q 9	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum desirable streamflow requirements? No. Because? They're senior to that April of 1984 date. Does the does your program interact tell us a little bit about the relationship between the Division of Water Resources and the GMDs in general. You've already said they have	2 3 4 5 6 7 8 9 10	A Q A Q Q	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct. And you know that they were an applicant here? Correct. And is it fair to say that when you're talking about what Hays wants that it was kind of both of them? It's both of them. You don't you're not trying to get rid of these guys or anything?
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	2 3 4 5 5 A 6 Q 7 A 8 Q 9 0 0 1 1	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum desirable streamflow requirements? No. Because? They're senior to that April of 1984 date. Does the does your program interact tell us a little bit about the relationship between the Division of Water Resources and the GMDs in general. You've already said they have regulations and they review and make	2 3 4 5 6 7 8 9 10 11	A Q A Q A A	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct. And you know that they were an applicant here? Correct. And is it fair to say that when you're talking about what Hays wants that it was kind of both of them? It's both of them. You don't you're not trying to get rid of these guys or anything? No, not at all.
10 11 11 11	2 3 4 5 A 6 Q 7 A 8 Q 9 0 0 1 1 2 2 3 3	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum desirable streamflow requirements? No. Because? They're senior to that April of 1984 date. Does the does your program interact tell us a little bit about the relationship between the Division of Water Resources and the GMDs in general. You've already said they have regulations and they review and make recommendations, do they have a management	2 3 4 5 6 7 8 9 10 11 12 13	A Q A Q A Q	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct. And you know that they were an applicant here? Correct. And is it fair to say that when you're talking about what Hays wants that it was kind of both of them? It's both of them. You don't you're not trying to get rid of these guys or anything? No, not at all. Okay. I just want to be clear that it's Hays
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10 11 11 12 11 11	2 3 4 5 A 6 Q 7 A 8 Q 9 9 0 0 1 1 2 2 3 3 4 4 4 5 5 A 7 7 A 8 7 A 8 4 4 4 4 4 5 4 4 4 4 4 4 4 4 4 4 4 4 4	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum desirable streamflow requirements? No. Because? They're senior to that April of 1984 date. Does the does your program interact tell us a little bit about the relationship between the Division of Water Resources and the GMDs in general. You've already said they have regulations and they review and make recommendations, do they have a management program? They do, each groundwater management district by	2 3 4 5 6 7 8 9 10 11 12 13 14 15	A Q A Q A Q A A Q	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct. And you know that they were an applicant here? Correct. And is it fair to say that when you're talking about what Hays wants that it was kind of both of them? It's both of them. You don't you're not trying to get rid of these guys or anything? No, not at all. Okay. I just want to be clear that it's Hays and Russell that are the applicants? Right.
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10 11 11 11 11 11 12 20 21 21	2 3 4 4 5 A Q 9 9 0 0 1 1 2 2 3 4 4 A Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum desirable streamflow requirements? No. Because? They're senior to that April of 1984 date. Does the does your program interact tell us a little bit about the relationship between the Division of Water Resources and the GMDs in general. You've already said they have regulations and they review and make recommendations, do they have a management program? They do, each groundwater management district by statute is required to have a management a management plan, I believe. Let's put up It's a management program. Exhibit 1-67B. And we're not going to look at any details of it, but is this is this GMD5's management program?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A Q A Q A Q A Q A Q	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct. And you know that they were an applicant here? Correct. And is it fair to say that when you're talking about what Hays wants that it was kind of both of them? It's both of them. You don't you're not trying to get rid of these guys or anything? No, not at all. Okay. I just want to be clear that it's Hays and Russell that are the applicants? Right. And you've been talking about Hays, and that's fine, but were you here for the opening arguments that Yeah. And did you hear the discussion about the Anti-Speculation Doctrine? Yes.
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10 11 11 11 11 12 20 21 21	2 3 4 4 5 A Q 9 9 0 1 1 2 2 3 3 4 4 Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	priority date in, I'm going to say January of '74 to to '77. Are any of those water rights subject to curtailment because of minimum desirable streamflow requirements? No. Because? They're senior to that April of 1984 date. Does the does your program interact tell us a little bit about the relationship between the Division of Water Resources and the GMDs in general. You've already said they have regulations and they review and make recommendations, do they have a management program? They do, each groundwater management district by statute is required to have a management a management plan, I believe. Let's put up It's a management program. Exhibit 1-67B. And we're not going to look at any details of it, but is this is this GMD5's management program? Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	A Q A Q A Q A Q A Q	Mr. Letourneau, you know that the City of Russell owns a portion of this ranch? Correct. And you know that they were an applicant here? Correct. And is it fair to say that when you're talking about what Hays wants that it was kind of both of them? It's both of them. You don't you're not trying to get rid of these guys or anything? No, not at all. Okay. I just want to be clear that it's Hays and Russell that are the applicants? Right. And you've been talking about Hays, and that's fine, but were you here for the opening arguments that Yeah. And did you hear the discussion about the Anti-Speculation Doctrine? Yes.

July 2		120	warus County, Kansas & Kansas Water Transfer Act
	Page 877		Page 879
1	in, somebody cannot tie up new water rights, new	1	water right of some cities buy an irrigation
2	water that should be available to somebody else.	2	water right, lease it back to the irrigator, let
	So if I wanted to obtain a water right because I	3	them keep irrigating, and then convert it when
3 Q	thought maybe I could sell it to somebody in the		
4	• •	4	they need it. Some of them just hang on to
5	future but that I didn't really need it, can I	5	them.
6	do that?	6 Q	•
7 A	Yes, what here's how it works for us.	7 A	·
8 Q	Okay.	8 Q	
9 A	I mean, I know of a couple cases since I've been	9 A	1 1 0
10	the program manager and both parties wanted to	10 Q	, , , , , , , , , , , , , , , , , , , ,
11	sell new water, one they wanted to sell it to	11	water, that's not acceptable?
12	Salina, another one wanted to sell it to	12 A	It's not acceptable because that water needs to
13	McPherson. They were able to justify approval,	13	become available for somebody to try to perfect
14	but then our first date of a permit is time to	14	and develop a water right on.
15	complete.	15 Q	And that's the basis for this Anti-Speculation
16 Q	Okay. So when I get a permit, it'll tell me	16	Doctrine, isn't it, that you you don't want
17	it'll tell me I've got to complete my diversion	17	to take water out of circulation, so to speak,
18	works within a certain period of time?	18	if if somebody can make a beneficial use of
19 A	That's correct.	19	it?
20 Q	And then I have a longer time to perfect it. Is	20 A	
21	that fair?	21	say somebody gets approved for 100 but they only
22 A	That's very fair.	22	perfect 10, that 90 then becomes available for
	•		= '
23 Q	Okay. So the time to complete?	23	somebody else to appropriate and get a
24 A	The time to complete so in both cases, very	24	beneficial use out of.
25	similar, they got an approval but they couldn't	25 Q	As long as they're not in a closed area?
	D 070		D 200
	Page 878		Page 880
1	•	1 A	•
1 2	complete because they ultimately could not get a	1 A	
2	complete because they ultimately could not get a contract with the cities, and so we dismissed	2	As long as they're not in a closed area, that's correct.
2	complete because they ultimately could not get a contract with the cities, and so we dismissed both of those for failure to complete.	2 3 Q	As long as they're not in a closed area, that's correct. Of course, if they're in a closed area they're
2 3 4 Q	complete because they ultimately could not get a contract with the cities, and so we dismissed both of those for failure to complete. Okay. So it's now this is you just	2 3 Q 4	As long as they're not in a closed area, that's correct. Of course, if they're in a closed area they're not going to get that permit anyway but
2 3 4 Q 5	complete because they ultimately could not get a contract with the cities, and so we dismissed both of those for failure to complete. Okay. So it's now this is you just limited that to new water rights, right, why	2 3 Q 4 5 A	As long as they're not in a closed area, that's correct. Of course, if they're in a closed area they're not going to get that permit anyway but Right. Correct.
2 3 4 Q 5 6	complete because they ultimately could not get a contract with the cities, and so we dismissed both of those for failure to complete. Okay. So it's now this is you just limited that to new water rights, right, why why is that?	2 3 Q 4 5 A 6 Q	As long as they're not in a closed area, that's correct. Of course, if they're in a closed area they're not going to get that permit anyway but Right. Correct. Do you know Burke Griggs?
2 3 4 Q 5 6 7 A	complete because they ultimately could not get a contract with the cities, and so we dismissed both of those for failure to complete. Okay. So it's now this is you just limited that to new water rights, right, why why is that? Because it's new water that's not perfected,	2 3 Q 4 5 A 6 Q 7 A	As long as they're not in a closed area, that's correct. Of course, if they're in a closed area they're not going to get that permit anyway but Right. Correct. Do you know Burke Griggs? Absolutely, yes.
2 3 4 Q 5 6 7 A 8	complete because they ultimately could not get a contract with the cities, and so we dismissed both of those for failure to complete. Okay. So it's now this is you just limited that to new water rights, right, why why is that? Because it's new water that's not perfected, it's not a water right at that point.	2 3 Q 4 5 A 6 Q 7 A 8 Q	As long as they're not in a closed area, that's correct. Of course, if they're in a closed area they're not going to get that permit anyway but Right. Correct. Do you know Burke Griggs? Absolutely, yes. And he's a he knows a little bit about water
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Edwar	ds County, Kansas & Kansas Water Transfer Act		July 24, 2023
	Page 881		Page 883
1	regulations in the statute and DWR regulations?	1	they're asking for meets their reasonable needs,
2 A	Well, at my level, we just implement it using	2	correct?
3	the time to complete, so, yes, I would think so.	3 A	
4 Q	Okay. Some of the some of the concepts about	4 Q	
5	reasonable need and and not not wasting	5	other use, there are regulations that deal with
6	water also play into the change applications,	6	reasonable needs for irrigation and stock
7	don't they?	7	watering and other uses, right?
8 A	That's correct.	8 A	
9 Q	So what how does that work, I mean, you	9 Q	
10	can't what are the restrictions on change	10 A	•
11	applications?	11 Q	
12 A	Well, the statute the restrictions are three	12 A	
13	things you can change, you can change point of	13 Q	-
14	diversion, place of use, and use made of water,	14	specific regulation about how much is reasonably
15	point of diversion, place of use, and use made	15	needed by cities, is there?
16	of water. Then it says the applicant must	16 A	·
17	demonstrate that it's in the same local source	17 Q	And that is that because every city is a
18	of supply and it cannot impair existing water	18	little different?
19	rights.	19 A	Yes.
20 Q	Okay. You're familiar with also that's the	20 Q	Now, in we've heard you've been here for
21	statute and there's a regulation, K.A.R. 5-5-9,	21	some of the discussion about the 2 percent
22	you're familiar with that regulation as well?	22	reasonable-need allocation in the Master Order
23 A	That's correct.	23	and you've heard some of that discussion?
24 Q	And it we don't need to get into this, but	24 A	Yes.
25	the first thing that happens is you you've	25 Q	And the assertion seems to be that 2 percent is
	Page 882		Page 884
1		1	
1 2 A	Page 882 got to reduce it to the consumptive use, right? That's correct, once 5-33, another rule,	1 2	Page 884 out of line, it's way too high, is that kind of what you interpret it as?
	got to reduce it to the consumptive use, right?		out of line, it's way too high, is that kind of what you interpret it as?
2 A	got to reduce it to the consumptive use, right? That's correct, once 5-33, another rule,	2	out of line, it's way too high, is that kind of what you interpret it as? Yes.
2 A 3	got to reduce it to the consumptive use, right? That's correct, once 5-33, another rule, indicates you cannot increase the consumptive	2 3 A	out of line, it's way too high, is that kind of what you interpret it as? Yes. Is 2 percent unreasonable?
2 A 3 4	got to reduce it to the consumptive use, right? That's correct, once 5-33, another rule, indicates you cannot increase the consumptive use once the water rights are perfected.	2 3 A 4 Q	out of line, it's way too high, is that kind of what you interpret it as? Yes. Is 2 percent unreasonable?
2 A 3 4 5 Q	got to reduce it to the consumptive use, right? That's correct, once 5-33, another rule, indicates you cannot increase the consumptive use once the water rights are perfected. Okay. And go ahead.	2 3 A 4 Q 5 A	out of line, it's way too high, is that kind of what you interpret it as? Yes. Is 2 percent unreasonable? 1 to 2 percent is very common with the
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		Page 885			Page 887	
1		that works?	1		certified.	
	A			\circ		
	A	Well, we'll provide that water with with some	2	Ų	So did I ask you that you don't have any	
3		time, there's a time basis on that. I mean,	3		written guidelines about about 2 percent or	
4		like the City of Pratt, for example, I mean,	4		how much to allocate to a city?	
5		they've got some permits that they're trying to	5 .		That's correct.	
6		perfect because they thought that they were	6	Q	And 2 percent is common, do you think 2 percent	
7		going to have a big industrial park, and it	7		is unreasonable in the case of Hays and Russell?	
8		quite hasn't panned out that way for them.	8 .	A	No. We wouldn't think it would be unreasonable	
9	Q	Okay.	9		if anybody we wouldn't think that was	
10	A	So	10		unreasonable of anybody that brought us an	
11	Q	So	11		application.	
12	A	We've given them an extension in time to	12	Q	Doesn't mean they're going to use it all, does	
13		perfect, you know, because they're in a closed	13		it?	
14		area so we tried to work with Pratt, just as an	14	A	No.	
15		example.	15		Is one of the contingencies or that cities	
16	0	Okay. So in that regard maybe it's like the	16	~	plan for is drought? Is that a fair thing to be	
17	V	speculation, the way to apply the speculation	17		concerned about?	
		doctrine is time to perfect, is that fair, or				
18		<u> •</u>	18	A	That's very fair. And City of Wichita most	
19		not?	19		recently, they went to a 1 percent drought	
20		It's fair, yes.	20	_	planning.	
21	Q	Okay. So if it's clear blue sky, are you going	21	Q	So what's that mean? I mean, what's the	
22		to approve water for that?	22		difference, what's the other from 1 percent	
23	A	No, no, there's got to be some justification for	23		to what?	
24		it.	24	A	Well, they I know there's some standards for	
25	Q	Do you have any written guidelines that tell you	25		planning for reservoir purposes, I'm kind of	
		Page 886			Page 888	
1			1		-	
1 2	Δ	what the percentages are?	1 2		getting out of my lane here, for 2 percent	
2	A	what the percentages are?	2		getting out of my lane here, for 2 percent drought. But the City of Wichita felt it	
2	Q	what the percentages are? No. And so it's case-by-case analysis?	2		getting out of my lane here, for 2 percent drought. But the City of Wichita felt it important enough to plan for a 1 percent	
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q A Q A Q A Q A Q Q A Q	what the percentages are? No. And so it's case-by-case analysis? Case by case. Let's say that it's okay. So back up here, back to Pratt just a minute. They have they applied for new water rights in a closed area? Yes, and keep in mind cities have a 40-year perfection period. Okay. Yeah. So that these are older water rights that Absolutely. that predate but they've kept them alive? Yes. And they're still subject to they haven't been able to perfect the entire, I don't know, maybe any of it, but they haven't been able to perfect the entire quantity? That's correct. Okay. That's different than the water rights on the ranch that are already perfected and certified?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A Q A Q A A	getting out of my lane here, for 2 percent drought. But the City of Wichita felt it important enough to plan for a 1 percent drought, which is worse than a 2 percent. So it's a a 1 percent chance that one time in 100 years you're going to have that particular severity of a drought, and that's what they're planning for? Correct. You're aware of I mean, you were here for Ms. Dickman's testimony and you heard from the testimony of part of Mr. Dougherty's and part of Mr. Quinday's maybe? Yeah. And you've heard them and were you here for Mr. Crispin's testimony as well? I was, yes. And so you've heard quite a lot about the conservation efforts that both Cities have undertaken, and you were aware of those before today, weren't you? Yes, very much so.	

Ha Ed	ys, wa	Kansas & Russell, KS v rds County, Kansas & Kansas Water Transfer Act			Formal Hearing - Vol. 4 July 24, 2023
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1	A	They're they're both looked up to, I'll say,	1		first, won't they?
2		as examples for conservation in cities.		A	Well, so what part A of the annual water use
	Q		3		report is report by water right. Part B of the
4		reasons, they're they're short of water,	4		annual water use report is basically a matrix of
		fair?			
5	A		5		the distribution system, and it's raw water
			6		diverted, then water purchased wholesale, water
	Q	·	7		sold wholesale, but then you're right, any
8		water, a new source that covers their existing	8		customer over 2,000 gallons, then, is in a
9		sources plus, is that a problem, the fact that	9		column. So it's not associated with
10		they've already got some water, is that does	10	_	What they're looking for is how much each
11		that affect DWR's thinking about whether or not	11		person, each resident in the state uses water to
12		it's appropriate to approve the change	12		come up with gallons per person per day?
13		applications in the first case?		A	Oh, correct.
14		, , , , , , , , , , , , , , , , , , , ,		Q	And these reports, let's just scroll down a
15		I keep going back to they bought an irrigation	15		little bit, I'm not sure, to get to the tables.
16		water right. When folks come to us, Department	16		Just page down, I think. Keep going.
17		of Commerce, other people coming in from out of	17		And that so it looks back five years,
18		state wanting to bring an industry or a feedlot,	18		doesn't it?
19		or whatever, to us, dairy, first thing we tell		A	Yes.
20		folks, buy if you're in this part of the	20	_	So it's going to take look back and say, this
21		state, to get water you're going to have to buy	21		is 2017, so those are the prior four years
22		an irrigation water right.	22		are going to be included and then they're going
23			23		to give you an average, right?
24		water rights, is that a problem?		A	Correct.
25	A	No.	25	Q	Jami, will you scroll down to, I think it's a
		Page 890			Page 892
1	Q	And the fact that they're that they're	1		PDF page 55, but it's Exhibit 899 at Bates
2		duplicates, I mean, I guess, or redundant, is	2		number 23623, Bates number 26 23623.
3		that a problem?	3		What's this this is a map of Kansas?
4	A	That's actually just smart business if you're a	4	A	Correct.
5		city to have a redundant supply because of water	5	Q	Tell us about this map.
6		quality, a well can go down, there's a	6	A	So Dr. Eklund, Darrel Eklund
7		multiple multiple reasons why you should have	7	Q	Who's he?
8		flexibility and a redundant supply if you're a	8	A	He worked for the Kansas Water Office.
9		municipality or a feedlot or any water user.	9	Q	Okay.
10	Q		10		He had a Ph.D. in statistics, so he loved our
11		Mr. Letourneau, are you familiar with this	11		annual water use statement. And we had a
12		document?	12		cooperative agreement with the Kansas Water
13	A	Yeah, very much so.	13		Office because they needed this for their
14	Q	•	14		planning purposes and then the United States
15			15		Geological Survey because they do a five-year
16		filed an annual water use report with the	16		water use report. And because of our statute
17		Division of Water Resources.	17		and the level of detail that we had, Kansas by
18			18		far had the most comprehensive water use
19		does there's some analysis that goes into it,	19		dataset. And this we stopped publishing this
20		right?	20		when our contract with the USGS ran out; Joan
21			21		Kenny, she was the main person that did this,
22		what's called gallons per capita per day, but	22		well, she retired. And then our team said, we
		there also an that remark is represented for			and that for that hind of monor. Walness remain

then also on that report is unaccounted for

25 Q Right. So they'll take out the industrial water

23

24

23

24

25

can do that for that kind of money. We've never

done it since, which I feel bad about.

So Darrel, the statistician, he started

Jui	y 24	3, 2023		Ŀ	dwards County, Kansas & Kansas Water Transfer Act
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1		looking at water use data, gallons per person	1		their conservation efforts to say, you can't
2		per day for different size municipalities in	2		have this water because because your
3		each one of those regions, and he was able to	3		conservation has been so effective and just keep
4		line up the data with basically the rainfall	4		living the way you're living?
5		data in the state. Those two whoops, those		A	
6		two datasets line up, the rainfall lines and the	6		MR. LEE: Your Honor
7		gallons per person per day for each size city.		A	
8	Q	So on the west, they get less rain, we've	8		MR. TRASTER: Hold on.
9	•	already been through that, a lot more rain in	9		PRESIDING OFFICER: Just one second.
10		the east, and so what's that got to do with	10		MR. LEE: That's speculation, Your
11		gallons per person per day?	11		Honor, I think you recognize, and whether
	A	Well, you're going to have higher gallons per	12		this is fair or not is not an issue in this
13		person per day as you go west because you have	13		proceeding, it has no relevance to whether
14		less rainfall. And Darrel, we were just trying	14		it's fair or whether it's not fair, it's
15		to compare water users to their peers, same part	15		what the law is, and so to ask that
16		of the state and same size city.	16		question of somebody who is not in a
17	O	Okay. For instance, this light yellow in the,	17		position to answer it and is is I
18		sort of in the middle part of the state has	18		can't imagine what the qualifications would
19		that includes Russell County, is has several	19		be to say is this fair?
20		big several cities, Hutchinson and, I don't	20		MR. TRASTER: Your Honor, I think
21		know, maybe Salina. Nope. No. So it has	21		that that's that objection is well, I
22		Russell and Barton County so Great Bend, it has	22		don't want to characterize it, I think
23		Hutchinson, Kingman, but it has some smaller	23		that's what the questions that he's been
24		communities too, a lot smaller communities. So	24		asking all along have been focused on, but
25		is that region broken into different sizes?	25		I'll withdraw the question.
		-			-
		Page 894			Page 896
1	A	I believe I'd have to see the tables but it	1		PRESIDING OFFICER: Okay.
2		should be.	2	I	BY MR. TRASTER:
3	Q	If I told you that this is the six medium, ML,	3	Q	
4		medium-large and then there's six S, would that	4		appropriation right if the area is still if
5		refresh	5		they're still available or for determining
6	A	Yes.	6		reasonable need in a for a city, does it
7	Q	your recollection?	7		punish or reduce the quantity that is available
8	A	Yes.	8		to those cities based on their conservation
9	Q	So from for region 6, the light yellow to the	9		efforts if they are much lower than the regional
10		east, there's a breakdown of based on size,	10		average?
11		but in region 5 where Hays is, there there	11	A	,
12		isn't. Is that fair?	12		82a-744
13	A	That's fair, there's probably not enough cities	13	Q	-
14		in that region to break them down.	14	A	
15	Q	So Hays is kind of skews the statistics a	15		consideration for past conservation.
16		little bit, I guess, but that's why is it	16		•
17		why is it, then, Hays and Russell have very low	17	A	8 8
18		gallons per person per day and some of these	18	_	consideration if somebody has conserved.
19		cities have much larger so the average in those	19	•	-
20		cities in those two regions are higher than	20		asking for changes in the in the type of use
21		the gallons per person per day that Hays and	21		for the water rights on the R9 Ranch and DWR was
_			22		
22		Russell are currently experiencing, is that	22		coming up with its reasonable-need formula
23		are you aware of that?	23		that's set out in the Master Order, was that why
23 24		are you aware of that? Yes.	23 24		that's set out in the Master Order, was that why you used the regional average instead of
23		are you aware of that?	23		that's set out in the Master Order, was that why

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-	they were actually achieving at the time?	1		that there was a way that it was local to
1	they were actually achieving at the time?	1		that there was a way that it was legal to
2 A	Yes, that's what we do with anybody that files a	2		approve a smaller quantity, what would happen to
3	municipal application.	3		the delta, what would happen to the amount
4 Q	ž v	4		the water right, the quantity of the water right
5	generally, to try to have a little buffer above	5		between this lower number that Water PACK is
6	what they reasonably need?	6		asserting and 6756.8, what what happens to
7 A	Normally they do because of drought, potential	7		that?
8	for a well to go down, they need flexibility in	8	A	It would just go away. It would no longer be
9	their systems. But that's kind of with every	9		authorized by anything, it'd just go away,
10	beneficial use as well, I mean, each like an	10	_	nobody could obtain it.
11	irrigation water right, for example, if you run	11	Q	And so what's the would that I mean, is
12	statistics on them, normally they pump about	12		that is that okay for the government to take
13	70 percent of their authorized quantity unless	13		away
14	it's a drought and then they will max out. Same	14		No.
15	way with feed yards, they won't use a high	15	_	a property right like that?
16	gallons per head per day except in a because	16	A	No.
17	think about how a water right is perfected, it's	17	Q	So right now Hays and Russell divert water from
18	a maximum year record, one year out of five.	18		the Smoky Hill River and Big Creek, you're aware
19 Q	Okay. Are you aware of any reasonably	19		of that?
20	foreseeable future users of the water on the	20	A	Correct.
21	R9 Ranch other than the Cities of Hays and	21	Q	And if the water transfer is approved, they
22	Russell?	22		they will probably take less from those sources.
23 A	In Edwards County?	23		Is that fair?
24 Q	Any reasonably foreseeable future users of the	24	A	That's fair, yeah.
25	water on the ranch?	25	Q	And there'll be new water coming into the area
	Page 808			Page 900
	Page 898			Page 900
1 A	No.	1		from from the R9 Ranch, is that your
2 Q	No. Why?	2		from from the R9 Ranch, is that your understanding?
2 Q 3 A	No. Why? Hays and Russell own it; there's no	2	A	from from the R9 Ranch, is that your understanding? That's my understanding.
2 Q 3 A 4	No. Why? Hays and Russell own it; there's no infrastructure there now, it's my understanding,	2 3 4	A Q	from from the R9 Ranch, is that your understanding? That's my understanding. What what impact do you think there might be,
2 Q 3 A 4 5	No. Why? Hays and Russell own it; there's no infrastructure there now, it's my understanding, to irrigate with it; the area is closed to new	2 3 4 5		from from the R9 Ranch, is that your understanding? That's my understanding. What what impact do you think there might be, is there are there downstream users of the
2 Q 3 A 4 5	No. Why? Hays and Russell own it; there's no infrastructure there now, it's my understanding, to irrigate with it; the area is closed to new appropriation so water cannot be applied for;	2 3 4 5 6	Q	from from the R9 Ranch, is that your understanding? That's my understanding. What what impact do you think there might be, is there are there downstream users of the Smoky Hill River?
2 Q 3 A 4 5 6 7	No. Why? Hays and Russell own it; there's no infrastructure there now, it's my understanding, to irrigate with it; the area is closed to new appropriation so water cannot be applied for; plus it's closed to new appropriation and the	2 3 4 5 6 7	Q A	from from the R9 Ranch, is that your understanding? That's my understanding. What what impact do you think there might be, is there are there downstream users of the Smoky Hill River? Yes.
2 Q 3 A 4 5 6 7 8	No. Why? Hays and Russell own it; there's no infrastructure there now, it's my understanding, to irrigate with it; the area is closed to new appropriation so water cannot be applied for; plus it's closed to new appropriation and the law doesn't allow abandonment, so that water is	2 3 4 5 6 7 8	Q A Q	from from the R9 Ranch, is that your understanding? That's my understanding. What what impact do you think there might be, is there are there downstream users of the Smoky Hill River? Yes. And would that is this a benefit to them?
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2 Q 3 A 4 5 6 7 8 9 10 Q 11 12 13	No. Why? Hays and Russell own it; there's no infrastructure there now, it's my understanding, to irrigate with it; the area is closed to new appropriation so water cannot be applied for; plus it's closed to new appropriation and the law doesn't allow abandonment, so that water is locked up by Hays and Russell. So I want you to let's assume for a moment so the regulations apply was applied and it was reduced from the irrigation quantity 7700 plus acre-feet for irrigation, it was reduced	2 3 4 5 6 7 8 9 10 11 12	Q A Q	from from the R9 Ranch, is that your understanding? That's my understanding. What what impact do you think there might be, is there are there downstream users of the Smoky Hill River? Yes. And would that is this a benefit to them? It could be a benefit. And I know Hays discharges into Big Creek once they treat their water, so if water was coming in coming in from the Ark, whatever was not utilized by Hays and then treated and discharged into Big Creek,
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2 Q 3 A 4 5 6 7 8 9 10 Q 11 12 13 14 15 16 A 17 Q 18 19 20 21	No. Why? Hays and Russell own it; there's no infrastructure there now, it's my understanding, to irrigate with it; the area is closed to new appropriation so water cannot be applied for; plus it's closed to new appropriation and the law doesn't allow abandonment, so that water is locked up by Hays and Russell. So I want you to let's assume for a moment so the regulations apply was applied and it was reduced from the irrigation quantity 7700 plus acre-feet for irrigation, it was reduced for the consumptive use formula that is in the regulation Correct. and then it was further reduced on average on this ten-year rolling aggregate limitation, and you're familiar with that, so that 4800 acre-feet on average is all that they can use. Water PACK is asserting that they don't	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q	from from the R9 Ranch, is that your understanding? That's my understanding. What what impact do you think there might be, is there are there downstream users of the Smoky Hill River? Yes. And would that is this a benefit to them? It could be a benefit. And I know Hays discharges into Big Creek once they treat their water, so if water was coming in coming in from the Ark, whatever was not utilized by Hays and then treated and discharged into Big Creek, Big Creek would benefit from that. Okay. But at the end of the day, this downstream from Russell, there's some there'll be some benefit to those users downstream, correct? Correct. And that's a benefit to the State larger than just a local benefit?
2 Q 3 A 4 5 6 7 8 9 10 Q 11 12 13 14 15 16 A 17 Q 18 19 20 21 22	No. Why? Hays and Russell own it; there's no infrastructure there now, it's my understanding, to irrigate with it; the area is closed to new appropriation so water cannot be applied for; plus it's closed to new appropriation and the law doesn't allow abandonment, so that water is locked up by Hays and Russell. So I want you to let's assume for a moment so the regulations apply was applied and it was reduced from the irrigation quantity 7700 plus acre-feet for irrigation, it was reduced for the consumptive use formula that is in the regulation Correct. and then it was further reduced on average on this ten-year rolling aggregate limitation, and you're familiar with that, so that 4800 acre-feet on average is all that they can use. Water PACK is asserting that they don't need that and, therefore, it should be reduced	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q A Q A Q A	from from the R9 Ranch, is that your understanding? That's my understanding. What what impact do you think there might be, is there are there downstream users of the Smoky Hill River? Yes. And would that is this a benefit to them? It could be a benefit. And I know Hays discharges into Big Creek once they treat their water, so if water was coming in coming in from the Ark, whatever was not utilized by Hays and then treated and discharged into Big Creek, Big Creek would benefit from that. Okay. But at the end of the day, this downstream from Russell, there's some there'll be some benefit to those users downstream, correct? Correct. And that's a benefit to the State larger than just a local benefit? Yes.
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2 Q 3 A 4 5 6 7 8 9 10 Q 11 12 13 14 15 16 A 17 Q 18 19 20 21 22	No. Why? Hays and Russell own it; there's no infrastructure there now, it's my understanding, to irrigate with it; the area is closed to new appropriation so water cannot be applied for; plus it's closed to new appropriation and the law doesn't allow abandonment, so that water is locked up by Hays and Russell. So I want you to let's assume for a moment so the regulations apply was applied and it was reduced from the irrigation quantity 7700 plus acre-feet for irrigation, it was reduced for the consumptive use formula that is in the regulation Correct. and then it was further reduced on average on this ten-year rolling aggregate limitation, and you're familiar with that, so that 4800 acre-feet on average is all that they can use. Water PACK is asserting that they don't need that and, therefore, it should be reduced	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q A Q A Q A	from from the R9 Ranch, is that your understanding? That's my understanding. What what impact do you think there might be, is there are there downstream users of the Smoky Hill River? Yes. And would that is this a benefit to them? It could be a benefit. And I know Hays discharges into Big Creek once they treat their water, so if water was coming in coming in from the Ark, whatever was not utilized by Hays and then treated and discharged into Big Creek, Big Creek would benefit from that. Okay. But at the end of the day, this downstream from Russell, there's some there'll be some benefit to those users downstream, correct? Correct. And that's a benefit to the State larger than just a local benefit? Yes.

		Page 901			Page 903
١.	ı A	36 years.	1		water there but their treatment their
	2 Q		2		infrastructure is not enough, the pipeline and
	3	earlier today that you know a lot, maybe not in	3		the treatment.
	4	this context but you do know a lot, are you		Q	Sure. Are you aware of any other impacts, I
	5	aware of some of their efforts to obtain water	5	_	mean, the statute says that that the hearing
	5	supplies from other sources?	6		officer and the panel must consider a wide range
	7 A		7		of things and then there's a list, but are you
	3	filed, I know that they filed a new application	8		aware of any other issues or concerns, positive
	9	on Wilson - when I say they, Hays and Russell -	9		or negative, that have any that bear on
10		waiting for the Corps of Engineers to do a	10		whether or not the transfer should be approved?
1:		reallocation study. That the Corps, they're		A	I'm not aware.
1:		more interested in flooding, I think, than doing		Q	Of any negative are you aware we've talked
1:		a reallocation study on the reservoirs. There	13	_	about a lot of factors here.
14		was a Public Water Supply District 15 that		A	Right.
1!		included Hays and Russell, and I know that they		Q	Okay. And so do you see the benefits of do
10		were test drilling because they contacted us	16	_	you see a benefit to the State as a whole of
1'		about if there were any requirements for a	17		approval of the transfer?
18		permit for test drilling, and they weren't able		A	On a personal level, if that's appropriate. I
19		to find any water.	19		mean, I talk to a lot of people from western
	, Q		20		Kansas, and you'll hear on their schedule,
	ιA		21		because they're going to what I hear about
	2 Q		22		most in Hays is their hospital and folks from
	3 A	along the rivers, if I recall. Also I know	23		western Kansas going to Hays to take advantage
2		about their Dakota wellfield and how poor water	24		of the medical complex, pretty much that hub, so
2!		quality that is and very limited. I knew that	25		I know that folks will benefit from that.
		quality that is and very immedia I miew that			
		Page 902			Page 904
	1		1	0	_
	1	they looked at Cedar Bluff, and Cedar Bluff is		Q	Okay.
:	2	they looked at Cedar Bluff, and Cedar Bluff is extremely unreliable. They were talking about,	2	A	Okay. And then Russell, I learned in this hearing that
:	2 3	they looked at Cedar Bluff, and Cedar Bluff is extremely unreliable. They were talking about, like, the releases for Russell and then the	3	A	Okay. And then Russell, I learned in this hearing that that one plant was going to double in size, I
:	2 3 4	they looked at Cedar Bluff, and Cedar Bluff is extremely unreliable. They were talking about, like, the releases for Russell and then the artificial recharge pool, I know, like, when	2 3 4	A	Okay. And then Russell, I learned in this hearing that that one plant was going to double in size, I mean, that's that's a lot of commerce. When
:	2 3 4 5	they looked at Cedar Bluff, and Cedar Bluff is extremely unreliable. They were talking about, like, the releases for Russell and then the artificial recharge pool, I know, like, when they call for that, the Water Office does their	2 3 4 5	A	Okay. And then Russell, I learned in this hearing that that one plant was going to double in size, I mean, that's that's a lot of commerce. When you think about the number of trucks coming in
:	2 3 4 5	they looked at Cedar Bluff, and Cedar Bluff is extremely unreliable. They were talking about, like, the releases for Russell and then the artificial recharge pool, I know, like, when they call for that, the Water Office does their very best to coordinate those things to flow one	2 3 4 5 6	A	Okay. And then Russell, I learned in this hearing that that one plant was going to double in size, I mean, that's that's a lot of commerce. When you think about the number of trucks coming in and out of Russell, that is commerce. So
	2 3 4 5 6 7	they looked at Cedar Bluff, and Cedar Bluff is extremely unreliable. They were talking about, like, the releases for Russell and then the artificial recharge pool, I know, like, when they call for that, the Water Office does their very best to coordinate those things to flow one on top of the other	2 3 4 5 6 7	A Q	Okay. And then Russell, I learned in this hearing that that one plant was going to double in size, I mean, that's that's a lot of commerce. When you think about the number of trucks coming in and out of Russell, that is commerce. So And it benefits Russell, just
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	Page 905		Page 907
_		_	
1	speaking to what might or might not be the	1	found interesting, and I think this had came
2	benefits to the State for approval or	2	up in the area of the reasonable-needs
3	disapproval of this transfer; is that correct?	3	limitation or the reasonable-needs cap, is the
4 A	That's correct.	4	idea of a redundant supply. What does that
5 Q	And one of the possibilities is that if the	5	mean?
6	transfer is allowed, it may reduce the demand on	6 A	,
7	the Smoky River as a source for both the City of	7	same amount of water from different sources.
8	Russell and Hays. Is that your understanding?	8	I'm just thinking of a city that might have
9 A	That's correct.	9	wells but they also might have a surface water
10 Q	And Big Creek actually ends up flowing into the	10	supply and they might also have storage in a
11	Smoky River, so it might reduce the demand on	11	reservoir; and then when the surface water
12	each of those rivers, contributing to, perhaps,	12	supplies or the storage is used up, then they'll
13	additional flow of the Smoky River?	13	rely on the wells in a drought. So it's just
14 A	Correct.	14	having a duplicate source, it's just it's
15 Q	Okay. Earlier you had also testified about that	15	just good business.
16	the State had established some standards on	16 Q	And I think that's what you had mentioned
17	minimum desirable streamflows. Are you aware,	17	before, that it's, I think, smart business
18	is there any such designations in the Smoky	18	planning, correct?
19	River east of the City of Russell?	19 A	Correct.
20 A	It's the Smoky Hill at Ellsworth, so there's	20 Q	And in these cases, it would be smart planning
21	nothing east.	21	by municipalities?
22 Q	Of Russell?	22 A	•
23 A	Of Russell, until you get to Ellsworth.	23 Q	And if I'm understanding what you're saying is
24 Q	Right.	24	that when you think of what a city needs to have
25 A	Correct.	25	accessible to it for its actual use at the time,
			,
	Page 906		Page 908
1.0		1	
1 Q	Which would be downstream from Russell?	1 2	that isn't enough; that if you lose that source,
2 A	Which would be downstream from Russell? Correct.	2	that isn't enough; that if you lose that source, you need another source that can be that
2 A 3 Q	Which would be downstream from Russell? Correct. So to the extent that this project might improve	2	that isn't enough; that if you lose that source, you need another source that can be that redundant source
2 A 3 Q 4	Which would be downstream from Russell? Correct. So to the extent that this project might improve the flow of the Smoky River, it would contribute	2 3 4 A	that isn't enough; that if you lose that source, you need another source that can be that redundant source Correct.
2 A 3 Q 4 5	Which would be downstream from Russell? Correct. So to the extent that this project might improve the flow of the Smoky River, it would contribute to meeting that goal of the State in providing	2 3 4 A 5 Q	that isn't enough; that if you lose that source, you need another source that can be that redundant source Correct is that correct?
2 A 3 Q 4 5	Which would be downstream from Russell? Correct. So to the extent that this project might improve the flow of the Smoky River, it would contribute to meeting that goal of the State in providing that minimum desirable streamflow at Ellsworth?	2 3 4 A 5 Q 6 A	that isn't enough; that if you lose that source, you need another source that can be that redundant source Correct is that correct? That's correct.
2 A 3 Q 4 5 6 7 A	Which would be downstream from Russell? Correct. So to the extent that this project might improve the flow of the Smoky River, it would contribute to meeting that goal of the State in providing that minimum desirable streamflow at Ellsworth? It could.	2 3 4 A 5 Q 6 A 7 Q	that isn't enough; that if you lose that source, you need another source that can be that redundant source Correct is that correct? That's correct. And that's reasonable?
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                                                                                                                   Page 911
                                                                1
                                                                                      CERTIFICATE
 1
          cross-examination questions tomorrow
                                                                2
                                                                   STATE OF KANSAS
 2
          morning, with everything continuing
                                                                                          ss:
                                                                    SEDGWICK COUNTY
          tomorrow and moving into Wednesday then.
 3
                                                                4
                                                                            I, Nancy L. Rambo, a Certified Shorthand
 4
          So we'll just --
                                                                5
                                                                   Reporter, within and for the State of Kansas, do
 5
              MR. TRASTER: So if I'm -- so we had
                                                                6
                                                                   hereby certify that the foregoing is a true and
 6
          anticipated that this might be finished
                                                                    correct transcript of the proceedings had at the
 7
          today, so we have a number of witnesses
                                                                    time and place hereinbefore set forth.
 8
          scheduled for tomorrow, we'll provide
                                                                9
                                                                            I further certify that I am not a relative
 9
          Mr. Lee -- Mr. and Mrs. Lee the list. I'm
                                                               10
                                                                   or employee or attorney or counsel of any of the
          wondering whether we have some estimate of
10
                                                               11
                                                                    parties, nor am I a relative or employee of such
          the time, and it's difficult to estimate
11
                                                               12
                                                                    attorney or counsel, nor am I financially
12
          because then there's redirect and recross
                                                               13
          and --
                                                                   interested in the action.
13
                                                               14
                                                                            WITNESS my hand and official seal at
14
              PRESIDING OFFICER: Sure.
                                                               15
15
              MR. TRASTER: -- and all that.
                                                                   Wichita, Sedgwick County, Kansas, this 4th day of
              PRESIDING OFFICER: I'm happy to
                                                                   August, 2023.
16
                                                               16
17
          address that and facilitate whatever
                                                               17
18
          conversation we have. We'll go ahead and
                                                               18
                                                                                       NANCY L. RAMBO, R.P.R., C.S.R.
Registered Professional Reporter
Certified Shorthand Reporter
          adjourn for the day so we can go off the
19
                                                               19
20
          record. As I've stated before many times,
                                                               20
                                                                    Costs:
21
          we want to make sure we have a good record
                                                               21
22
          of this, but whatever happens, I don't
                                                               22
23
          think any reviewing body is going to be
                                                               23
          concerned about whatever kind of dicta is
24
                                                               24
25
          going around about procedural issues for
                                                               25
                                                    Page 910
          tomorrow. So we'll adjourn, we'll just
 1
          kind of go off the record and discuss on
 2
 3
          that. So we'll adjourn until 9:00 a.m.
          tomorrow morning, and at that time we'll
 4
 5
          resume with Mr. Letourneau as the witness.
 6
               (Whereupon, the proceedings were
 7
               adjourned at 5:27 p.m.)
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