					Page 1
1	ROCKY MOUNTA	N PUMPED ST	ORAGE	HYDROELECT	RIC PROJECT
2		FERC RELICE	NSING	(P-2725)	
3	JOIN	MEETING AN	D VIRI	TUAL SITE T	OUR
4					
5					
6					
7		Moderated b	y Crai	lg Jones	
8		Wednesday,	March	16, 2022	
9		2:0	1 p.m.		
10					
11					
12		Remote	Procee	eding	
13		Roswell	, GA 3	30075	
14					
15					
16					
17					
18	Reported by:	Deidra Musi	ck Nas	sh	
19	JOB NO.:	5133017			
20					
21					
22					
23					
24					
25					

	Page 2
1	APPEARANCES
2	List of Attendees:
3	Craig Jones, Director of Environmental Policy with
4	Ogelthorpe Power (by videoconference)
5	Steven Layman, Aquatic Biologist Project Manager for
6	Kleinschmidt (by videoconference)
7	Tyler McCaslin, Environment Specialist with Ogelthorpe
8	Power (by videoconference)
9	Rick Hayes, Plant Manager for Ogelthorpe Power (by
10	videoconference)
11	Wei Zeng, Georgia EPD (by videoconference)
12	John Faustini, Fish and Wildlife (by videoconference)
13	Jackson Sibley, GDNR Fisheries Biologist (by
14	videoconference)
15	Kelly Kirven, Kleinschmidt (by videoconference)
16	Jim Hakala, GDNR (by videoconference)
17	Ben Murray, Rome-Floyd Chamber of Commerce (by
18	videoconference)
19	Heather Teilhet, Ogelthorpe Power (by videoconference)
20	Toni Presnell, Ogelthorpe Power (by videoconference)
21	
22	
23	
24	
25	

		T done Meeting	
			Page 3
1		CONTENTS	
2			PAGE
3	Mr. Craig Jones		4, 31, 72
4	Mr. Tyler McCaslin		17
5	Mr. Rick Hayes		19, 29
б	Mr. Steven Layman		33, 44
7	Ms. Kelly Kirven		56, 67
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

Page 4 1 PROCEEDINGS 2 MR. JONES: So good afternoon, everyone, and welcome to our Rocky Mountain 3 Relicensing meeting and virtual site tour. I'm Craig 4 5 Jones and I'm the Director of Environmental Policy with Ogelthorpe Power and I'm going to be your host 6 7 and facilitator for today's meeting. I do want to say up front that this meeting is being recorded and 8 transcribed for our -- for our records and for our 9 10 consultation record for FERC. So Jeffrey, if you haven't already done 11 12 so, would you please start the recording now? 13 So today's joint meeting is being held as part of the federal relicensing process of Rocky 14 Mountain. I know many of you are familiar with that 15 16 process, some of you are not, some of you are less 17 familiar, so we're going to -- to be able to provide an overview for you today of what that -- what that 18 19 entails and then really get into the meat of the 20 meeting. The -- but what I do want, a couple of 21 housekeeping things that I do want to address up front 22 and then we'll get rolling into it is that first, 23 everyone as -- as I'm sure you're familiar now 24 is -- is muted and your cameras are turned off upon joining the webcast and I'm going to ask everyone to 25

1	remain muted while you're not speaking.
2	That being said, because we are looking
3	forward to an interactive meeting today, please take
4	yourself off mute and turn on your camera, if you
5	like, at any time to ask questions or or make
6	comments. Because we do we definitely do want to
7	have an exchange of of information throughout this
8	meeting and and a good discussion. You can also
9	raise your hand by using the little, at the bottom of
10	your screen, the little hand signal down there. You
11	can click on that and raise a question and we're
12	having the will be monitoring it so we will the
13	question. And there will also be specific
14	opportunities where we'll pause the pause for
15	discussion during the course of the meeting in
16	particular during the the discussion of the
17	resource areas, but really if you've got questions
18	throughout the throughout the presentation and
19	meeting today, please do not hesitate to ask. And
20	finally, today's meetings slides and the video will be
21	posted to our relicensing website following the
22	meeting.
23	And Eric, if you haven't done so, would
24	you go ahead and just drop that link into the chat now
25	so that everybody has that?
	Veritext Legal Solutions

	Page 6
1	And then Tyler, Steve, Kelly, did
2	I did I miss anything?
3	MR. LAYMAN: I don't think so. That's
4	good.
5	MR. JONES: All right. Thank you.
б	So I am going to take control of the
7	slides so that I can advance them. There we go. So
8	here's our agenda for today's meeting.
9	As part of the federal relicensing
10	process that that we'll be talking about in a few
11	moments, we are we're required to conduct
12	consultation meetings with agencies, tribes, and the
13	public about the project and the effect on the
14	environment. So we began that effort with the filing
15	of our Pre-Application Document which we'll be
16	discussing throughout today's meeting, of course, and
17	today we're continuing with an in-person meeting, sort
18	of, this is the best we can do for now and and a
19	virtual site tour. We do plan to to maybe have
20	a a real site tour at some point in the in the
21	near future and we look forward to the opportunity to
22	do that. But today's meeting is to really have an
23	active discussion for the Pre-Application Document.
24	And since interactions are challenging
25	in a virtual forum like this, what I'm going to do is

770.343.9696

1	today. We'll then talk briefly about next steps and
2	provide an opportunity for public comment.
3	This meeting is scheduled to run from
4	two to four today, but we don't have a hard stop at
5	four since we want to make sure that we're able to
6	sufficiently address any any questions or comments
7	or recommendations for us that that come up during
8	the course of today's meeting related to our study
9	proposals. If if we have participants from the
10	public on or anyone else for that matter who would
11	like to make public comment but needs to drop off at a
12	specific time, please let us know now if you you
13	know that. That would be that would be great. Or
14	just drop a note in the chat and we'll pause the
15	meeting at a good time so that you can provide
16	comment.
17	If you prefer, because we are in this
18	virtual forum, you could even drop a public comment in
19	the chat and we'll make sure that that shows up in the
20	public comment section in the transcript. So if
21	that's easier for you and you prefer to do that, that
22	is going to work just fine. We'll talk we'll talk

24 also be opportunities to provide written comments

a little bit more about this later, but there will

25 after today's meeting. So again, more on that to

23

1	come.
2	All right. So as far as the diving
3	into and I just I guess what I'll do is I'll just
4	pause right there to see if if at this point in
5	the in the meeting anybody has any any questions
6	that we need to clarify or anything along those lines?
7	Great.
8	So first, and the reason that we are
9	here today is that Rocky Mountain is licensed by the
10	Federal Energy Regulatory Commission or FERC, more on
11	what that means in in a moment. But first, the
12	project license is basically includes the the
13	terms and conditions for for owning and operating
14	the project, including, among other things, how it
15	operates, any dam safety requirements, things like
16	recreation access, measures to protect, mitigate, or
17	enhance the environment, recreation and cultural
18	resources that that are affected by project
19	operations. So that's that's really what what a
20	license is and Rocky Mountain was originally licensed
21	for a term of 50 years to Georgia Power Company in
22	1977.
23	Ogelthorpe Ogelthorpe Power
24	subsequently acquired the majority share, about 75
25	percent of that project, from Georgia Power in 1988

1 that -- that that, the main point in that is that FERC 2 has jurisdiction over our relicensing process. And 3 including making any -- making decisions on a new 4 license order.

5 FERC can issue a new license for a period from between 30 and 50 years, but current FERC 6 7 policy is to default to a term of 40 years for a new license order and then make adjustments up or down 8 9 depending on the case-specific information. In 10 issuing a new license, FERC is required to give equal 11 consideration to power and non-power values. That 12 means, you know, FERC is not -- it's not necessarily a 13 balance, but it's -- but FERC has to take a hard look 14 through the NIPA process and then -- and then look very carefully at both the power and non-power values 15 16 and -- and consider those equally and come up with a 17 decision on -- on a new license order and -- and through that process, applicants are required to 18 19 develop information transparently, which is a part of 20 the reason why we're here today, by consulting 21 with -- with agencies and tribes and the public. 22 The relicensing process, it really 23 begins with the filing of -- of a Notice of Intent to 24

1	commission both the NOI and and the PAD on December
2	10, 2021, and as I've mentioned, the PAD includes all
3	that all that resource information that we're going
4	to be talking a lot about today. Our NOI also
5	included a request to use the traditional licensing
6	process and FERC granted the use of that on January
7	26th twenty on January 26th of this year.
8	I'm not going to address the other
9	re-licensing process options that were that were
10	out there, but I'm happy to answer any questions about
11	them now, or if you'd like to chat about later. In
12	the next slide, I'll talk a little bit more about a
13	high level what the what the traditional licensing
14	process looks like. So I'll just pause right there to
15	see if there are any any questions about any of the
16	project history that I've covered to this point or
17	the the high-level FERC relicensing process that
18	I've I've just just only touched on.
19	Okay. Moving on to the next slide,
20	then. There we go, okay, good.
21	So I'm not going to spend a lot of time
22	on on this slide either and the process, but I do
23	just want to give you a sense more for what it entails
24	over the next or the coming several years.
25	Relicensing is a it's a long-term process, several

1	years in the making because we do have to pull
2	together a lot of environmental information, technical
3	information associated with the license application,
4	so I do want to just highlight some things and where
5	we're currently at in the process. Generally
6	speaking, there are three stages of formal
7	consultation where we provide information and we hold
8	meetings like this to discuss that information and
9	then ask for for comments and have a dialogue
10	about about these issues.
11	As you can as you can see by the
12	bold text, we're currently in the first stage of
13	consultation and holding our joint meeting. As we've
14	been discussing, this stage is focused on identifying
15	information about the project and the effect in the
16	environment and especially gaps in the information
17	that will help inform the relicensing studies and
18	ultimately FERC's decision on on what to include in
19	a new license order. So really, all this is intended
20	to provide information that the FERC needs in order to
21	make licensing decision. And then following today's
22	joint meeting, there there will be a 60-day period
23	for filing written comments and Eric has dropped in
24	the information for how to do that in the chat. You
25	can either send a hard copy to FERC to the secretary

1 of the commission, or you can go online and -- and 2 file online.

3 And then we also ask that when you do that, that you go ahead and copy us and you can 4 5 copy -- you can send that directly to me, my address is in the chat box, too. You can also just send an 6 7 e-mail with a -- with a PDF of the -- of the -- of any comments that you -- that you provide. So Tyler's 8 9 going -- Tyler McCaslin is going to provide more 10 detail on -- on some of these specific dates that we'll get into momentarily. So anyway, that's the 11 12 first stage of consultation. That's where we're at 13 today.

14 The second stage of consultation, we will be conducting the studies that we are proposing 15 16 to do and -- and those studies will form the basis for 17 the environmental information that -- that will be included in the draft license application. And then 18 19 we'll distribute the Draft License Application for 20 another round of reviewing comments and -- and there's 21 also a joint meeting associated with that to attempt 22 to resolve any disagreements to the extent that there 23

1	license term looks like. That is just coincidentally
2	or just incidentally, I'll just mention that that
3	that is one of the reasons that FERC granted the use
4	of the traditional licensing process is because
5	with with this project, the the scope of the
6	

1	consultation that are required by the regulations.
2	I'll be talking about some additional opportunities
3	to to informally engage in consultation that we
4	believe is an important part of the process and which
5	I'll touch on when we when we talk about the next
6	steps toward the toward the end of the meeting and
7	in this presentation.
8	So now Tyler, I'm going to turn this
9	over to you for for time-wise. But there there
10	they are and I just I also just want to just pause
11	there too to see if there are any questions
12	about about the re-licensing process that I
13	can that I can answer at this time.
14	Okay. Tyler, go ahead.
15	MR. MCCASLIN: Well, good afternoon,
16	everyone. My name is Tyler McCaslin and I am an
17	Environmental Specialist with Ogelthorpe Power. I've
18	been assisting these relicensing efforts throughout
19	the process.
20	We're going to cover our high-level
21	schedule and major project milestones. So as you all
22	know, we kicked off the relicensing process on
23	December 10th last year with our filing of the Notice
24	of Intent, Pre-Application Document, and request to
25	use the TLP with FERC. FERC issued their notice of

1	commencement and approval of our request to use the
2	TLP on January 26th. So with our joint meeting today,
3	there is a 60-day period for stakeholders to comment
4	on the proposed studies that you will be hearing about
5	later in the presentation. These studies will be
6	performed throughout this year over over a variety
7	of seasons depending on the resource area, and we're
8	anticipating completing these studies and compiling
9	all the study reports by fall of 2023. We're
10	expecting to have a Draft License Application around
11	February of 2024 and from there, there is a 90-day
12	period for stakeholder comments and the filing
13	deadline for the Final License Application with FERC
14	will be December 31, 2024, which is two years prior to
15	the license expiration date.
16	MR. JONES: And thanks, Tyler.
17	So now, as Rick gets control of
18	the the presentation, I'll just queue him up for an
19	overview of the project operations.
20	Rick, are you ready? If we advance
21	just a few slides. We'll get there we go. Back at
22	the start.
23	MR. HAYES: There you go, unmute me,
24	there we are. I've unmuted myself.
25	MR. JONES: Okay. Rick

	Page 19
1	MR. HAYES: I was a little lost there
2	but that's I got it.
3	MR. JONES: Okay. Great.
4	MR. HAYES: I'm Rick Hayes my name
5	is Rick Hayes, I work for Ogelthorpe Power
6	Corporation. I am the Plant Manager at the Rocky
7	Mountain Pump Storage Hydroelectric Plant. I'm here
8	to kind of give you a kind of a project overview as to
9	what Rocky is all about and and what we do here.
10	So we have an install capacity of 904
11	megawatts. As Craig said, back in 2005 we did a a
12	license amendment to increase our capacity. We ended
13	up doing our ten-year overhauls which is part of our
14	plan to maintain Rocky Mountain. And at that time, we
15	replaced the water wheels, which we call the our
16	runners with more modern designed runners which gave
17	us the increase in performance power, pumping our
18	pumping flow and so forth and so on. So we took that
19	opportunity, finished those up in 2011 and have been
20	at that 904 megawatts plant plant capacity since.
21	Normal operation for a pump storage
22	plant, we pump nights and weekends, basically
23	generating the day, generate on weekends as needed.
24	We do daily load following to meet peak demand. We
25	have spinning and supplemental reserves as another one

Veritext Legal Solutions

of the benefits we provide to the system. I have a slide here in a little while, or a couple slides here in a little while, that kind of show you our low profile.

5 To say we just pump at night and generate during the day hasn't been typically exactly 6 7 how we've operated. We operate to maintain peak efficiency at some of our other generating facilities 8 9 that we're partners with, nuclear and coal, so 10 that's -- that's kind of how it's been. We have, most 11 recently, seen us pump during the day to support solar 12 generation where we would have excess solar generation 13 they've turned to pumps at Rocky on, pumped water up the hill. You'll find that there is no better battery 14 15 to store solar generation than a pump storage plant. 16 Clean, renewable, pump it up and then save it as water 17 stored at a higher elevation and then let it pass 18 through the turbines and generate electricity.

We have a minimum flow requirement. Heath Creek flows into our property, enters into Aux Pool 2 which most people may know as -- as Heath Lake. Heath Lake then spills into our Lower Reservoir and that Lower Reservoir is contained mainly down at our Main Dam, and from our Main Dam, we have to -- we are required 24/7, 365 days a year, to pass 1.2 cubic feet

1	per	second	down	Heath	Creek.	So	Heath	Creek	sees
---	-----	--------	------	-------	--------	----	-------	-------	------

111 2070 Cr3.969use it does[] 0 drch 16, RG ad d d 20220. 490 w d (1) Tj 73

storage for recreation and for drought reserves. So
 if we had to, we could, you know, take water from
 either one of the Auxiliary Pools. You may know them
 as Antioch Lake East and West and then Heath Lake. We
 can take water from them and pass them into the Lower
 Reservoir to make up water for evaporation.

7 In the 25-26 years that we've been 8 operating the plant, we have never had to do that. We 9 have managed our water in a manner that we have not 10 had to take any of that water from those two -- two 11 ponds to make up any kind of volume for generation. 12 It's -- those are accessible to the public. We have 13 camping, picnicking, swimming, hiking, mountain biking, boating, and fishing. And I will say that 14 I've heard many people say that it's one of the best 15 16 fishing areas in Georgia if not the Southeast if not 17 the country. We have quite a few large bass caught, it's a very popular place in the area. 18

19 This gives you a profile of what the 20 water passage or the tunnel that runs from the Upper 21 Reservoir down to the Powerhouse looks like. It 22 starts off at a intake structure 140 feet wide by 25 23 feet tall. It runs down a vertical tunnel about 35 24 feet in diameter, makes a turn, comes down through the 25 mountain about a mile, and then it bifurcates, goes

Veritext Legal Solutions

1	down to Unit 1 and then that bifurcate the other
2	bifurcation bifurcates again and goes down to Units 2
3	and 3. We have three units here at Rocky.
4	This is a kind of a 3D rendering of a
5	typical pump turbine. You can see the draft tubes in
6	red. As you come up, you see the turbine pump
7	turbine itself. And up through the motor generator at
8	the top.
9	All right. So we talked about, you
10	know, how we generate and how we pump. If you look at
11	this, this is a typical August month. Unit operation
12	red is pump, green is generate. As you can see, we're
13	generating at night when demand is low. We are then
14	turning it around in the morning after that and we're
15	starting to pick up load and generate mode, hitting
16	the peak about five o'clock. What happens we start to
17	see a lot more air conditioning load, industrial loads
18	pick up and so forth, and then you can see it that it
19	tails off towards the end around eleven ten,
20	eleven, twelve o'clock at night and then we start the
21	cycle again, pump back to pumping to recharge the
22	reservoir, Upper Reservoir.
23	Here you see a December and as you can
24	see, there are times in December where we generate
25	at or we pump at night, we hit that morning peak,

start to see people get up, get ready for work, go to 1 2 work, so forth and so on, but we don't have that air conditioning running in the middle of the day and so 3 4 in order to keep, as I said, there are nuclear and fossil plants at peak efficiency, they'll take us and 5 pump that water back up. Also, recharging up the 6 7 reservoir to make it ready for any peak demands that 8 we might see in the afternoon. You can see about five

1	MR. JONES: Great. Thanks, Rick. And
2	so as as Tyler is queuing up the our virtual
3	site tour, I just want to make another plug and
4	another announcement on that that we are going to send
5	out a notice to our distribution list and for those of
6	you who are are joining us today for the for the
7	first time and haven't been on our distribution list,
8	we're also going to include you on that invitation as
9	well so that we can so that we can do a a real,
10	on the ground tour in the in the near future. So
11	be on the lookout for that.
12	Tyler, are you are you ready?
13	Great.
14	(Video played.)
15	MR. JONES: And then are we
16	going Tyler, are we going back to Rick to wrap up?
17	Just while we're while we're transitioning slides,
18	I do want to mention also that if anybody had
19	any any audio or video trouble seeing that video,
20	we are going to have it posted, like I mentioned
21	earlier, on our website so you'll be able to see the
22	full video, and I do just want to give a shoutout to
23	our corporate communications team we've got.
24	That's that was well done.
25	MR. MCCASLIN: Well, we do have three

Page 26 1 questions in chat so --2 MR. JONES: Okay. 3 MR. MCCASLIN: -- I think they were 4 mostly addressed to Rick. So if you'd like to unmute, 5 Rick, would you like me to read out the questions 6 aloud? 7 MR. HAYES: Yeah, that'd be, that'd be 8 great, Tyler. 9 MR. MCCASLIN: All right. So from Wei 10 Zeng, Georgia EPD, the first question is: What is the drainage area draining into the lower pool? And the 11 12 second question is: Has solar energy generation 13 changed the pattern with which you generate and pump? 14 MR. HAYES: So -- so the first one, 15 I -- I really don't have the exact answer for the 16 drainage area into -- into the Lower Reservoir or the 17 Project, so I'll have to get back to you on that as far as exactly what it is. As far as the solar 18 19 question, yes, we have seen some -- some impact from solar generation whereas they've taken -- when the sun 20 21 is shining, we've been pumping. So we have seen some 22 of that solar capacity come this way so that we 23 can -- so that we can store that solar energy in the 24 form of the water to higher or upper elevations and then use it later in the day. So yes, we have seen 25

1 some impact from the increased solar capacity on 2 system. 3 MR. MCCASLIN: All right. Next question from John Faustini with Fish and Wildlife: 4 5 What are the primary sources of power used for pumping 6 and how do these vary seasonally? 7 The -- the primary sources MR. HAYES: for pumping, once again, we are seeing some -- some 8 impact from solar generation, but our primary sources 9 10 for generating are -- are nuclear and -- and fossil. So that's -- that's where we get most of our pumping 11 12 power from is our nuclear and fossil co-owned plants 13 and that's -- that's, you know, I'd say by being able to pump, that keeps them up at their best efficiency 14 point generation, it doesn't have them throttling back 15 1 are seeing some -- some

1	you'll see more pumping during the day to store that
2	solar capacity as more of that comes on and and
3	more generation at night when the sun isn't shining.
4	So that's that's Rick's opinion as to what he
5	thinks is going to happen over the course of as
6	

1	watershed issues and the that the larger the
2	larger context of the area when he gets into his
3	presentation. So, okay, go ahead and wrap up Rick and
4	then we'll we'll
5	MR. HAYES: Okay. All right. I guess
6	I just the project, okay, take control. Got it,
7	okay.
8	So just more of the project overview.
9	Our our property is is about 5,000 acres within
10	our FERC project boundary. 3700 of that acreage is
11	available to the public for recreation. We have a
12	visitor center, we have three boat launches, two on
13	Antioch Lake which one on East and one on West and
14	one out of Heath Lake. We have a beach for swimming
15	on Antioch Lake West. It's right there with our
16	campgrounds.
17	We have a very nice campground there
18	with with a hookup, our electrical and water
19	hookups there. Some tent sites. You can canoe,
20	boating, or fishing is allowed. Idle speed only is
21	ouris our rule. Picnic areas.
22	We do allow hunting in season, archery
23	mainly on most of that, but we do have some firearm
24	hunting for water fowl in season and fishing is
25	allowed on both both of the Auxiliary Pools or

March 16, 2022

1 thing to do. Okay. So yeah, you can go ahead and go to the next slide, too, now. 2 3 So on the -- so as we talked about -- getting into it, we talked about the 4 5 Pre-Application Document, the contents of that, the natural resource areas and our proposed studies. I 6 7 just want to just -- just foreshadow some of that where -- where that PAD we're about to talk about, it 8 9 includes, you know, information about our current 10 proposed operations and that's what we filed in 11 December. And then -- and then also, it has all the 12 existing information that we can pull together or all 13 the existing information really that was out there on the area and the natural resources and those that are 14 15 potentially affected by our operations. And really, 16 the intent of doing that is to identify any of the 17 information needs really focused on identifying any gaps, not necessarily recreating existing information, 18 19 but identifying any gaps in information and then that -- that leads into what we proposed for studies. 20 21 And as I mentioned earlier, there is a 22 substantial amount of existing information and -- and 23 that's large part thanks to the work that DNR -- our 24 partnership with DNR that we've -- we've had going on down there at -- at the project. And then -- and then 25

1	for as far as and then if there are additional
2	study requests in addition to what we propose, there
3	is a process for doing that.
4	And Tyler, if you can go to the next
5	slide and I'll talk about those.
6	The intent of that is really to to
7	fill in for any gaps that are in the any
8	information in any gaps that that may that may
9	be there from from your review of our agency and
10	public review of our studies. When you do submit if
11	you do submit study requests, there are seven
12	criteria. I just want to throw these up here and I'm
13	not going to talk about these in great detail. For
14	those of you who agencies who have done this
15	before, you're familiar with with the seven
16	criteria and and really, the the criteria is
17	really intended to get at connecting the the
18	objectives of the study to management goals and and
19	if it's a if it's a request from the public, then
20	connecting the goals and objectives to the any
21	public interest considerations, really to get at,
22	again, any if there are any gaps in the information
23	that still need to be filled.
24	And then a critical piece of this is a
25	nexus to the project operations so so that the

1	study the relicensing studies are connected
2	logically to the to the project. And then and
3	then providing the detailed methodology, cost
4	information, timeline that it would take to do the
5	study and it's really it is a pretty involved
б	process so but these are the the criteria that
7	FERC has and I will and I'll just pause right there
8	for questions. And if there aren't any, we'll move
9	onto Steve Layman and get into the really get into
10	what the natural resource areas of the project.
11	MR. LAYMAN: Okay, great. Thanks,
12	Craig. Okay.
13	Yeah, good afternoon. I'm Steve
14	Layman. I'm an Aquatic Biologist and Project Manager
15	

1 recreation resources and cultural resources. But 2 before we get going, let me begin with some additional orientation and let me be sure that I've got control. 3 There we go. And -- and I'll repeat some things, but 4 5 it's such an unusual project configuration, I think it's going to be helpful to -- to repeat and show you 6 7 locations of various water bodies and such. But the Rocky Mountain Project is 8 9 located in Floyd County about 10 miles northwest of 10 Rome and it's in the Ridge and Valley physiographic 11 province of Northwest Georgia. It's located in the 12 Coosa River basin, specifically the headwaters of 13 Heath Creek and Lavender Creek, which are tributaries to Armuchee Creek. Armuchee Creek flows into the 14 Oostanaula River. The Oostanaula River flows south 15 16 into Rome and it joins the Etowah River to form the 17 Coosa River. So from Rome, the Coosa River continues west into Alabama at Lake Weiss which is just outside 18 the view of this particular map. 19

This map shows the location of the project in the larger Alabama-Coosa-Tallapoosa River basin, or the ACT River Basin as it's known. The project's the red star and the ACT Basin is shown in 24

you can see the Coosa River begins in Northwest
 Georgia, flows down through Central Alabama and joins
 the Tallapoosa River near Montgomery, and that forms
 the Alabama River which flows down toward Mobile. The
 Coosa River comprises about 45 percent of the ACT
 River Basin.

7 The Oostanaula River which is located 8 in Northwest Georgia comprises about 21 percent of the 9 Coosa River, and here I think we have an answer for 10 Wei about the drainage area at the project. At Heath 11 Creek, just downstream of the project dam at the USGS 12 Gauge has a drainage area of 16.6 square miles, and 13 that's about 0.8 percent of the watershed area of the 14 Oostanaula River. Also downstream of the project in 15 Alabama on the Coosa and Alabama Rivers, there are 16 nine mainstem -- nine mainstem dams.

17 The Rocky Mountain Project encompasses 5,000 acres of land and water. The project boundary 18 19 extends downstream about three-tenths of a mile on Heath Creek and you can see the red dot on the upper 20 21 right portion at the downstream end of the project 22 boundary and that's the USGS Stream Gauge which 23 monitors discharge from the project. It's used to 24 monitor discharge from the project.

25

The Lower Reservoir and the Auxiliary

1	Pools are located on Heath Creek and its small
2	tributaries on the north and west sides of Rock
3	Mountain. And the Upper Reservoir is located on top
4	of Rock Mountain on the drainage divide between Heath
5	Creek and Rock Mountain Creek which drains east
6	towards Lavender Creek.
7	Now, let's take a little closer look at
8	the water resources at the project, and again, let's
9	look at an image of the area, this time a Google Earth
10	aerial photograph. And what becomes readily apparent
11	from from this image is is how the land use
12	around the project is dominated by forests. Some
13	agricultural lands along the north and northwest side
14	of the project. And then the recreation areas around
15	the Auxiliary Pools and the project itself.
16	Auxiliary Pool 1 as as Rick
Creek and Rock Mountainry Pool $\frac{1}{80.08}$ (16) 21j	referenced is referred to as Antioch Lake. You can
18	see that on the upper portion of this map. Antioch
19	Lake East and Antioch Lake West. Georgia DNR ma Tf Rls1089ent

19.9

1 east-northeast towards Little Armuchee Creek for about 2 5 miles and then you can see Rock Mountain Creek in 3 the center. It originates along the base of Rock Mountain and it flows east towards Lavender Creek. 4 5 Georgia's water quality standards have б been established to protect the beneficial uses of 7 waterways and this slide lists -- lists the beneficial uses of the project waters. We'll start with the 8 9 Lower Reservoir and the Upper Reservoir. Their 10 designated use is for fishing, but as Rick pointed out, they're not available for public use but for 11 12 water quality purposes. They -- they're held to the 13 fishing water quality standard. 14 Public fishing opportunities are provided by Antioch Lake and Heath Lake and they are 15 16 classified for recreation including swimming, boating,

17

1	quality monitoring for five years after project
2	operations began, so this monitoring was conducted
3	at at these seven stations shown with the large
4	blue dots in 1996 to 2002. And the table indicates
5	the types of measurements that were done at each
6	station and and in what years so the field
7	measurements column includes in situ or measurements
8	

1 Other sources of existing water quality 2 information summarized in the PAD include Georgia DNR monitoring data. Two -- two data sets in particular. 3 They're vertical profile measurements from the 4 5 Auxiliary Pools that have been collected in many years between 2003 and 2018 and these are vertical profile 6 7 measurements of water temperature and dissolved oxygen in every foot of depth throughout the water column. 8 9 The two plots on the right are just examples from the 10 many that are shown in the PAD just to give you an 11 idea of the quality of data that are available. So 12 dissolved oxygen's plotted on the left side of those 13 figures and temperature on the right side of those 14 figures for about a six -- six-month period from April to October. 15 16 Another source of available water

17 quality data for Heath Creek downstream of the project that were collected by Georgia EPD in 2001 and 2012 18 19 and those are available online on the GOMAS Water Quality Sampling Network that the Georgia EPD 20 21 maintains. They assessed 14 water quality parameters 22 in the laboratory, and those results are also 23 summarized in the PAD. And those data are very consistent with Ogelthorpe's findings for -- for Heath 24 Creek, which generally indicate overall good water 25

1 quality with the exception of fecal coliform. 2 As Rick mentioned, Article 34 of the 3 license requires the project to release a continuous minimum flow of 1.2 cubic feet per second to Heath 4 5 Creek. Also part of that license article, Ogelthorpe 6 Power conducted a field study of the minimum flow in 7 1996, so they examined the effects of four different release scenarios ranging from 0.6 cfs to 8.3 cfs and 8 9 part of that study is summarized in the PAD and they 10 measured physical habitat with those various flows, they sampled the fishery, they continuously monitored 11 12 dissolved oxygen and water temperature, and they 13 compared those data with Lavender Creek which was used as a reference site. The study found that the 1.2 cfs 14 release maintained DO levels, that's dissolved oxygen, 15 16 about 5.5 milligrams per liter, and they were similar to the levels measured in Lavender Creek. The minimum 17 instantaneous requirements for dissolved oxygen in 18 19 Heath Creek is 4 milligrams per liter, for comparison, 20 and a daily average of 5. So the study concluded that 21

1 Reservoir, so they remain well mixed so that Station
2

	see if anybody has any questions or comments about
2	water resources or the proposed water quality
3	assessment. You'll also have opportunities to
4	comment, you know, after we're finished this overall
5	presentation. And I can't see the chat so if let
6	me know if any questions come up.
7	MR. MCCASLIN: Nothing in chat right
8	now, Steve.
9	MR. LAYMAN: All right. Well, let me
10	move on and you'll have plenty of opportunity if if
11	something comes up. But let me move on to fish and
12	aquatic resources.
13	And Antioch and Heath Lake, which
14	hopefully you're getting familiar now with those as
15	the Auxiliary Pools, they're managed by the Georgia
16	Department of Natural Resources as part of the Rocky
17	Mountain PFA. Together, those lakes total about 600
18	acres and Georgia DNR intensively manage
19	these these lakes to provide quality public fishing
20	opportunities and they conduct annual electrofishing
21	and gill netting surveys of the lakes to monitor the
22	populations. The PAD summarizes what's a substantial
23	amount of existing information and data for these
23 24	amount of existing information and data for these lakes that comes from from their annual reports

Veritext Legal Solutions

1	to evaluate the fish community health and they used
2	Georgia EPD's fish community biomonitoring protocols
3	or standard operating procedures and that that
4	includes conducting backpack electrofishing to survey
5	the fish community. They did their sampling about 2.5
6	miles downstream of the Main Dam at the big no, not
7	Big Texas Valley, but the Texas Valley Road crossing.
8	It's one of the few road crossings over that reach.
9	They applied the Index of Biotic
10	Integrity, or IBI, which is a a multi-metric
11	approach for for comparing fish community
12	attributes with the least disturbed reference
13	conditions for the ecoregion. So as shown in this
14	figure on the right, they found the that the IBI
15	yielded scores indicating good overall biotic
16	integrity based on the fish community in both sampling
17	events. Based on the sampling that's been conducted
18	today, we're not aware of any federally or state
19	listed fish species that have been known to occur in
20	Heath Creek or Heath Creek or been collected
21	recently. And there are no diadromous fish species
22	that are known to occur in Heath Creek.
23	Diadromous fish species are those
24	species that migrate between fresh water and salt
25	water to spawn or to complete their life cycle. There

Veritext Legal Solutions

1	are striped bass that have been stopped into Weiss
2	Lake downstream and they do reproduce in the
3	Oostanaula River, at least there's some evidence of
4	their spawning. But they're not known to get up into
5	the tributary system of Armuchee Creek or Heath Creek
6	at least, not not that small of a a system.

right. We have updated this table from the PAD to reflect the U.S. Fish and Wildlife Service comments and we'll carry forward this list and continue to update it as needed in the proposed study plan, through the study reporting, and the license application.

7 So Ogelthorpe Power proposes to conduct an Aquatic Resources Study to characterize the 8 existing communities of fish and mussels in Heath 9 10 Creek. And -- and this study would update the fish community sampling from 2002 and would fill the gap in 11 12 recent survey efforts for freshwater mussels in Heath 13 Creek. So the study objectives would be to 14 characterize existing communities of fish and mussels in Heath Creek and then in the license application, 15 16 analyze the effects of continued project operation on 17 aquatic habitat downstream. The study area is circled That's the approximately 5-mile reach of 18 in blue. 19 Heath Creek before it enters Little Armuchee Creek. 20 And the key study elements would be the 21 fish community survey. That would involve two 22 representative locations on Heath Creek. We would 23 propose sampling at the same site that was used by

24 the -- the DNR Stream Team bacV191919yw Am Txals

1

1	Aquatic Resources Study. Similar to water resources,
2	the study plan would be finalized after we receive
3	comments. The fish community survey and the mussel
4	survey would be conducted this year between June and
5	September. Study report prepared by January of 2023,
6	and that would be filed with the Draft License
7	Application for stakeholder review by early 2024.
8	So I'll pause here again and open it up
9	for any questions or comments about aquatic resources
10	and the proposed study. Okay. Hearing none
11	MR. JONES: There is a yep, there's
12	a question in chat, Steve.
13	MR. LAYMAN: Okay.
14	MR. JONES: And it's this is from
15	Jackson Sibley: Where will stakeholders be able to
16	access the study timelines once they are finalized?
17	So that's a that's a good question, Jackson.
18	Steve, if you don't mind maybe I'll take that.
19	MR. LAYMAN: Yeah.
20	MR. JONES: So that's gosh,
21	that's that's a good question. So what we're going
22	to do is once we there will be that that 60-day
23	comment period. I'm going to talk a little bit more
24	about next steps when we get into or the end of the
25	presentation. But once we once we are able to

Page	51	
------	----	--

1	finalize those study plans, we will definitely make
2	those work with the agencies on on finalizing and
3	getting feedback on those methodologies and
4	then and then once we once we get that dialed
5	in, then we'll have a good sense of of
6	when exactly when they start and the timeframes.
7	I think these are probably pretty good,
8	but we'll we'll provide more information as
9	we as we get closer to that point of beginning
10	on on that. So we will that's part of how we're
11	going to informally consult. We'll definitely reach
12	out and touch bases on on where we stand with
13	timing.
14	MR. LAYMAN: Okay. Thanks, Craig. Any
15	others?
16	Okay. I'll move onto Wildlife,
17	Botanical, and Wetland Resources. As characterized in
18	the PAD, the terrestrial vegetation and wildlife of
19	the FRD, the terrestrial vegetation and writhing of
± 2	the project are representative of the Ridge and Valley
20	
	the project are representative of the Ridge and Valley
20	the project are representative of the Ridge and Valley province of Northwest Georgia. Now, the predominant
20 21	the project are representative of the Ridge and Valley province of Northwest Georgia. Now, the predominant forest types include pine-oak forests in the areas
20 21 22	the project are representative of the Ridge and Valley province of Northwest Georgia. Now, the predominant forest types include pine-oak forests in the areas surrounding Auxiliary Pools, chestnut oak forests with

within the project boundary include one active bald
 eagle nesting territory and the green salamander, a
 Georgia rare species, is known to occur among the
 boulders and cliffs on the slopes of Rock Mountain.

5 Georgia DNR conducted a vegetative survey of the wooded uplands of the project in Summer 6 7 2012 as part of the Terrestrial Management Plan for the project. This figure on the left shows the 8 9 numerous vegetative survey points that they used 10 throughout the project area and the figure on the 11 right shows their mapping of the three dominant upland 12 vegetative community types. The green corresponds to 13 the pine-oak forest, the orange circle corresponds to the chestnut oak forest that encircles Rock Mountain 14 15 on the slopes, and in the red corresponds to the 16 oak-hickory forest on the southwest side of -- of Rock 17 Mountain. So there's a substantial amount of existing 18 information about the dominant vegetative community 19 types.

All right. Let's advance. There we go. Wetlands within the project boundary include freshwater forested/shrub wetlands totaling at least 6.75 acres. In the PAD, we -- we reference national wetland inventory information which tends to be dated so there -- there may in fact be more wetland acreage

1 than that which would be part of our proposed study 2 approach. But they are small, shallow wetlands dominated by trees, shrubs, and emergent vegetation. 3 4 There's also about 29 acres of stream 5 habitat total within the project boundary. They're characterized by narrow floodplains with deposits of 6 sand and clay. And then there are littoral habitats 7 8 which are shallow water habitats that are shallow enough where light penetrates the bottom and there's a 9 10 potential for aquatic vegetation to grow. It's quite 11

the spring and summer and likely occurs in the project area. The PAD also lists numerous other state-listed species, including 21 plants, the aforementioned green salamander, two species of map turtle, and the bald eagle which I also mentioned has an active nesting territory within the project boundary.

7 Ogelthorpe Power proposes a terrestrial and wetland resources survey with the objectives of 8 describing these existing terrestrial wildlife and 9 10 botanical resources, as well as floodplain, wetlands, riparian, and littoral habitats. Identifying 11 12 potentially suitable habitats for rare, threatened, 13 and endangered species, or so-called RTE species, of plants and wildlife. And then identifying invasive 14 species within the project boundary. So the study 15 16 area would include the project boundary around the 17 17

1	area. The purpose of those surveys would be to
2	characterize available habitats and identify
3	representative plant and animal species. Also to
4	identify any unique or sensitive habitats that may
5	harbor rare plant or animal species and to identify
6	large occurrences of invasive species.
7	Another key element would be to prepare
8	a map of the project boundary delineating the
9	principal vegetative community types including
10	wetlands and getting a better update on how many
11	wetlands and their locations and types in the project
12	boundary. And that would be based on beginning with
13	DNR's vegetation surveys, other sources, and
14	ground-truthing of aerial photography. And the
15	proposed schedule for the terrestrial and wetland
16	resources survey would be conducting the field surveys
17	primarily in April through September of 2022. April
18	2023 if needed if we couldn't get started soon enough
19	to catch some of those early earlier blooming
20	plants. Preparing a study report by June 2023, and
21	then filing that report with the DLA in early 2024.
22	So I'll I'll open it up here, again,
23	one more time for any questions or comments about the
24	terrestrial wetland resources study plan.
25	MR. JONES: And looks like

Page 56 1 you're -- you're good to go. There' nothing in the 2 chat right now. 3 MR. LAYMAN: All right. Thanks, and I'll hand it over now to Kelly Kirven who -- she will 4 5 cover the next two resource areas. 6 Take it away, Kelly. 7 MS. KIRVEN: Thanks, Steve. Okay. Make sure I've got control here, all right. 8 9 Hi guys, good afternoon. As Steve 10 mentioned, I'm Kelly Kirven with Kleinschmidt. I'm 11 going to be reviewing the recreation resources 12 available at the project and then the cultural 13 resources at the project. So we will start. 14 So there are, as mentioned previously, there are approximately 5,000 acres of land and water 15 16 that are within the Rocky Mountain project boundary of 17 which 3700 of those acres are available for the public for recreational activities. Mostly within the Rocky 18 19 Mountain Public Fishing Area or PFA. The Rocky Mountain PFA includes two main recreation areas at the 20 21 Auxiliary Pool 1 as we mentioned, Antioch Lake, and 22 one main recreation area at Auxiliary Pool 2 or Heath 23 Lake. There is no recreation activities 24 25 available at the Upper and Lower Reservoirs and the

Veritext Legal Solutions

again, a trailhead with parking and -- and trails.
 And then we have a figure here that kind of shows
 where some of the hiking and biking trails are located
 at the project.

5 I'm also going to mention that hunting 6 is allowed at the project during state-designated 7 hunting seasons. The use of firearms is allowed 8 within the project boundary during water fowl hunting 9 seasons in designated areas. Bow hunting is also 10 allowed in designated archery seasons for deer, small 11 game, turkey, for bears and such.

12 So we're going to move on here. As we 13 mentioned, you know, Georgia DNR manages and operates the recreation facilities at the project. They also 14 15 collect recreation use data through a variety of 16 They also have attendance records and so methods. 17 here we've got some of the attendance records that 18 Georgia DNR have provided to us from 2015 through 2021 19 and so this is where, and we'll talk about it a little bit more, but, you know, we'll -- we will lean pretty 20 21 heavily on the use information that Georgia DNR 22 collects at the recreation sites as part of the 23 recreation assessment. And you can see, it sees a 24 pretty -- pretty significant amount of use at -- at the project. 25

Page 60

1	Okay. So proposed study plan, the main
2	study objectives are to characterize the existing
3	facilities and use through existing information, as I
4	mentioned, that Georgia DNR currently collects. Also
5	through recreation user groups and some limited field
6	activities. The study area will include the Rocky
7	Mountain Public Fishing Area.
8	And key elements will include a review
9	and analysis of existing information. We do have the
10	2015 Form 80 information, although the Form 80 has
11	been discontinued by FERC. We do have the the data
12	from 2015 and will likely incorporate that, along with
13	a more up-to-date recent data collected by Georgia
14	DNR. We also plan to have small user group interview
15	to target various various groups, hunters and
16	fishermen, to get feedback from from them. And
17	we'll also make sure that, you know, recreation at the
18	project will analyze its consistency with the
19	Rome-Floyd County Comprehensive Plan.
20	Here we have just kind of a general
21	schedule for the study. Finalize the the study
22	plan in the May to June timeframe. Begin data
23	compilation in June of this year, conduct those user
24	group interviews sometime in the July to November
25	timeframe. Analyze data into early 2023 and then

Veritext Legal Solutions

800.808.4958

770.343.9696

March 16, 2022

Public Meeting

		Page 62
1	1	was that was my question if was there going to be a
2	2	condition assessment and
3	3	MS. KIRVEN: Yes, sir.
4	4	MR. HAKALA: would it also include
5	5	aspects of the infrastructure associated with those
6	6	facilities, such as the sewer system associated with
7	7	each one?
8	8	MS. KIRVEN: Sure. And so and I
9 10	9	imagine that's probably geared towards the the
11	10	camping and and the restroom facilities. That's
ΤT	11	something that willprobably does need to be
12		
	12	included and I will mention that, you know, we do plan
13		
	13	to work pretty closely with you guys, with DNR, to
14		
	14	make sure that we cover all aspects since, you know,
15		
1.6	15	DNR's managing the facilities, you guys are so close
16	16	to everything. We will make sure and cover all
17	10	to everything. We will make sure and cover all
± ,	17	of all of those items and if there's anything that
18		
	18	DNR knows of that needs, you know, extra attention, we
19		
	19	can make sure and include that.
20		
	20	MR. HAKALA: Okay. Great, great.
21	01	
22	21	MR. HAYES: Hey, Jim it's Jim, it's
22	22	Rick Hayes, here.
23		Rick Hayes, Here.
-	23	MR. HAKALA: Yeah, Rick.
24		
	24	MR. HAYES: Just to let you know that
25		
	25	we do have some capital projects we're working on,

1	particularly for the dump station. Also have reached
2	out and Dennis Shiley has provided us some replacement
3	of of the outhouse pit toilets, so we're
4	working and so we're looking at what we need to do
5	as far as some, you know, capital replacements out
6	there at that at that facility right now. So
7	that's
8	MR. HAKALA: Okay. Well, this it
9	sounds like this will this will fall in there and
10	help that along. Thanks for thanks for the update
11	on that.
12	The other question I have was, you
13	know, characterizing the recreational use at the
14	facility and it looked like it was going to be a
15	review of existing information, but then also contact
16	with recreational user groups and specifically in
17	the in the key study elements, you were talking
18	about reaching out to fishing, hunting, and boating
19	clubs.
20	MS. KIRVEN: Yes.
21	MR. HAKALA: I would say that there's
22	obviously a lot of people that fish, some that hunt,
23	and a lot of people that boat out there, but there's,
24	in terms of clubs, pretty pretty limited. I mean,
25	there's

	Page 64
1	MS. KIRVEN: Okay.
2	MR. HAKALA: some fishing groups
3	that have have tournaments out there. If if
4	those type of things are limited, are are you going
5	to try to basically survey everybody that's coming in
6	there to get a representative sample of the of the
7	folks that are that are visiting out there?
8	MS. KIRVEN: Sure.
9	MR. HAKALA: Go ahead.
10	MS. KIRVEN: Yeah, yeah, no, I was just
11	going to say I think at this time, we haven't proposed
12	to survey the the general public, but that is a
13	good point if there's not these user groups that we
14	can easily get to or that just don't, you know, don't
15	use the area. You know, it is something to consider
16	to to kind of gather the information that we would
17	need. So I would say, you know, at this point,
18	it's it's not what we've proposed, but it is
19	something to consider for sure.
20	MR. HAKALA: Okay. I think I think
21	it would be good to, you know, to to get a, you
22	know, comprehensive recreational use and and, you
23	know, satisfaction survey.
24	MS. KIRVEN: Yep.
25	MR. HAKALA: Maybe one that follows
l	

	Page 65
1	suit to the the data we collected in 2006 and 2007.
2	MS. KIRVEN: Okay.
3	MR. HAKALA: Which which I
4	believe believe you had. I think it's I think
5	it's it's important to find out, I mean, 2006 or
6	2007's quite a quite a long time ago and and,
7	you know, there's a possibility that the user base has
8	shifted, you know, what are they coming to the
9	facility for and and, you know, how can we best
10	meet, you know, changing demands on on who's
11	visiting the facility.
12	MS. KIRVEN: Right.
13	MR. HAKALA: Make it the best
14	experience possible, so I, you know, that's something
15	that that we would definitely be interested in.
16	MS. KIRVEN: Absolutely.
17	MR. SIBLEY: Yeah, hey, Kelly, this is
18	Jackson Sibley with Georgia DNR here. Yeah, to that
19	note, we do have all the the data sheets and all
20	that stuff from the 2006 survey as well. If there's
21	going to be a chance for all of us, I guess like you
22	mentioned, to get together and sort of iron out the
23	details of of what the survey might look like,
24	yeah, just just reach out to us. We definitely
25	have some things that we'd like to discuss and

Veritext Legal Solutions

Page 66

1	MS. KIRVEN: Absolutely.
2	MR. SIBLEY: yeah, we might be able
3	to help each other out in that regard.
4	MS. KIRVEN: Perfect, yeah, that sounds
5	great. And that's I think that's really kind of
6	the idea, you know, we've proposed some things, but we
7	definitely want to collaborate with DNR to make sure
8	that we're capturing information that is useful to
9	Oglethorpe, but also DNR as the managers of the
10	facility, so, absolutely.
11	MR. JONES: And I'll just this is
12	Craig Jones with Oglethorpe. I'll just jump in there
13	too and and I agree, yeah. Part of this, you know,
14	if there are things that we can just iron out in a
15	discussion of the the methodologies, then then
16	great. If it's a if it's a completely new study,
17	then, you know, that's something that that, you
18	know, we certainly want to consider and getting
19	together and chatting through what that looks like, I
20	think would be very productive so we're we're very
21	open to that and, you know, this gets at and the
22	point that I'll make later, but as we as we
23	finalize our methodologies, we do want to work
24	with especially with the agencies and get your
25	feedback to make sure that we are hitting the

1	methodology correctly and and tweaking that as
2	we as we need to, so that's something that that
3	we will that is forthcoming.
4	MR. SIBLEY: Okay. Yeah, well feel
5	free to reach out to us directly. We'll we'll
6	definitely be available for that conversation.

1 archaeological resources, and historic architectural resources and -- that have been documented in the 2 project area since 1972. Also in 1997, Garrow and 3 Associates revised the existing Rocky Mountain Project 4 5 Cultural Resource Management Plan and the plan lists six archaeological properties and one removed standing 6 7 structure and -- and -- for -- that was removed for continued preservation. So you'll see we've got some 8 9 of -- we've got all of those listed here on the 10 screen, along with their National Register of Historic 11 Places eligibility. 12 The -- as I mentioned and I'm going to 13 go to the next slide and then I might pop back to this 14 one, but -- and it might take a minute to load so 15 if -- if your screen is blank, it's coming. But 16 the -- so the -- the resource that I mentioned, the 17 Cordle Store, in 1997, and this is an image of the -- the store here, it was relocated from its 18 historic location at Big Texas Valley Road and Old 19 Fouche Gap Road, I might have mispronounced that, 20 21 Fouche Gap, to a site near the project's visitor 22 center. So if you go out to the visitor center at the recreation area there, you'll see the store. It was 23

- 24 relocated just to -- so that it could be more
- 25 monitored constantly and protected from any vandalism,

and then there's a nice little write-up you can see, pointing, you guys can't see that. So we'll see this little sign here, and so this is just an up-close picture of some of the information that's included on it.

So I'm just going to pop back one here. 6 7 So just kind of revisiting these properties that were listed in 1997. In 2020, TRC Environmental 8 9 Corporation conducted an archaeological monitoring at 10 the project with a goal of locating and visually 11 assessing the current condition of the sites that were 12 previously recommended for preservation and 13 monitoring.

During that monitoring, all of the 14 sites were located and shown to be well-maintained and 15 16 protected. So the Cordle Store, as we mentioned here, 17 was actually in -- in the 2020 review. Since the store has been relocated, the original site has lost 18 19 its integrity and so therefore, it's recommended to not be -- that actual site to not be monitored 20 21 anymore. The Cordle Store will, of course, still be 2.2 monitored as it's located near the visitor's center. 23 And then also the -- this -- the 24 Clarence Montgomery Farm, the -- TRC is recommending an archaeological survey to define the boundaries of 25

Page 70

1	this site and to determine whether or not it should be
2	eligible for the NRHP. So until that happens,
3	Ogelthorpe will continue to to monitor the area.
4	So that's where we are for cultural, and I'm just
5	going to skip on down to the proposed study plan.
6	So the objectives are to identify and
7	summarize the known historic properties, that's going
8	to be through a literature search and a site file
9	review. There will also be an element for conducting
10	field survey to identify any newly qualified historic
11	structures and those are also structures that may not
12	qualify at this time, but during the course of a new
13	license, so within the next 40 to 50 years and such
14	things as the powerhouse and and other project
15	features. And they'll also determine their NRHP
16	eligibility.
17	Then another component of the study
18	will be that archaeological survey that we mentioned

will be that archaeological survey that we mentioned for the site to identify the site boundaries and determine whether or not it's eligible. And then also evaluate the potential for any effects of continued project operations. The study area will include the Area of Potential Effect, which will be determined in consultation with SHPO. And then key study elements include consultation with the Georgia HPD and FERC

	Page 72
1	MR. HAYES: Well, you gave it a good
2	try. Fouche.
3	MS. KIRVEN: Thanks.
4	MR. JONES: All right. Thanks, Kelly.
5	I don't see any I don't see any questions in the
6	chat.
7	MS. KIRVEN: Thanks.
8	MR. JONES: So Tyler, if you can put
9	the put the controls over to me, oh, well, you can
10	just put the slide, too. So thanks. The next steps,
11	so we'll just go from here.
12	The next steps in the relicensing
13	process. We talked a little bit about that during the
14	exchange that we had on the the recreation studies,
15	but as I mentioned earlier, there is a 60-day comment
16	period after this meeting and that takes us out to May
17	15. Once we have those comments on the on the
18	proposed studies and if there are any you recommend
19	any additional recommended studies then then we'll
20	consider them and then we're going to respond to those
21	individual comment letters to make so basically, we
22	can close the loop on on that exchange.
23	And but as we discussed, as I
24	mentioned earlier and and as, you know, Jackson
25	our and Jim our our little discussion just a

1 little bit ago, it may make sense to have a follow-up meeting after this meeting. So if that's something 2 that -- that you would like to do that would be 3 helpful, then -- then definitely please reach out to 4 5 us and we can, you know, and we'll do the same thing to make sure that -- that we can have the discussions. 6 7 And like I said earlier that -- that there are formal stages of consultation and again, they're summarized 8 9 here and it's a little limited if we just stick to 10 that and we don't intend to just stick to that, so we 11 intend to be very -- very transparent in how we go 12 through this process and -- and work with -- work with 13 you all.

14 In terms of the future, then, going -- going out into the -- into the study phase, 15 16 we'll -- we'll reach out, again, to -- like I 17 mentioned, to get input on methodologies and make sure that everything is -- that we get, you know, that we 18 19 have a -- a good exchange of information on that. And 20 then once we -- once we do the studies and are able to develop draft study reports, then we're going to want 21 22 to get agency input on that as well. So we'll be reaching out around those times and -- and I'm sure 23

1	those those draft study reports and they will
2	include the findings. And then based on those
3	informal discussions, we'll finalize the study reports
4	and that will be form the foundation for our draft
5	license application that we file.
6	So that's that is that really is
7	essentially the the relicensing process and a
8	very very high-level look at what the the future
9	looks like. And so I think that the I think the
10	next thing that we have on the agenda is public
11	comment. But before we get to that, I I do just
12	want to pause again and and see if there are
13	any any additional questions that we can answer at
14	this time. Or comments before, you know, from before
15	making formal public comment.
16	Okay. Great. So what we'll do, then,
17	is is we will provide an opportunity for for
18	really, and this is not just, I mean, if agencies
19	would like to make comment here too, that's great.
20	You're certainly welcome to. If if we have anybody
21	from the public who would like to make comment, just
22	ask that you just go ahead and and take yourself
23	off mute and state your name and and affiliation if
24	it's something other than than just member of the
25	public so that we can have that for the transcript and

	Page 75
1	we will go ahead and take public comment now if there
2	is anybody that would like to.
3	MR. MURRAY: Hi, Craig. I would like
4	to make a public comment.
5	MR. JONES: Great.
6	MR. MURRAY: My name is yeah, my
7	name is Ben Murray. I'm with the Rome-Floyd Chamber
8	of Commerce. I would like to just add that, you know,
9	obviously Ogelthorpe Power and Rocky Mountain Pump
10	Storage Hydro facility are very valuable corporate
11	citizens of Floyd County and the greater Rome area.
12	They really are a part of the critical infrastructure
13	of Georgia's electric grid, they are a reliable piece
14	of our county tax base, and in 2021, Ogelthorpe Power
15	Corporation paid over three million in property taxes
16	to Floyd County so and they also offer our citizens
17	and visitors with recreational opportunities, good
18	paying jobs, and it's all right here in our community,
19	so we fully support this relicensing project and we
20	fully support the hydro the pump storage hydro
21	facility and anything we can do, we're glad to help.
22	MR. JONES: Thank you, Ben.
23	I'll pause for just a few minutes to
24	see or maybe a few seconds. A few minutes might be
25	too long. I'll pause for a few seconds to to see

Page 76

1 if there is anybody else who would like to -- to make public comment. Again, while -- while we're waiting 2 for if there's anybody else that is going to take 3 themselves off mute while we're waiting. I do just 4 5 want to reiterate that there -- that there is an opportunity for -- for written comment and -- and the 6 7 information was dropped in the chat earlier and if you have -- there it is again, thank you, Eric. And if 8 9 you have any questions about how that mechanically is 10 done, as well, please just reach out to -- to me and 11 we will make sure that you have that information. 12 All right. So I will -- I will go 13 ahead and -- and move to -- to close out this meeting and I just want to, one, thank you for -- for your 14 interest in this -- in this project. As, you know, 15 16 it's -- this is -- this is a great project and -- and it's -- it's something that is -- that it really 17 provides some -- some good -- it's a good resource for 18 19 the community. It's a great opportunity to -- to keep this -- this rolling and we look forward to our future 20 process and good working relationships with everyone. 21 22 So we very much look forward to the process and 23 continuing this project. 24 So with that, I will close this meeting and thank you and we will be in touch. 25

	Page 77
1	Yes? You're welcome and and we're
2	happy to make a make a transcript available once we
3	have that to to anybody who who requests that so
4	let me know if if that's something that you would
5	like to have. Shoot me an e-mail afterwards. That's
6	great.
7	Okay. Great. Thank you, Deidra. All
8	right, I think that's it so we will conclude and thank
9	you, again.
10	(Whereupon, the meeting concluded at
11	3:51 p.m.)
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

1	CERTIFICATE OF DEPOSITION OFFICER
2	I, DEIDRA MUSICK NASH, the officer before
3	whom the foregoing proceedings were taken, do hereby
4	certify that any witness(es) in the foregoing
5	proceedings, prior to testifying, were duly sworn;
6	that the proceedings were recorded by me and
7	thereafter reduced to typewriting by a qualified
8	transcriptionist; that said digital audio recording of
9	said proceedings are a true and accurate record to the
10	best of my knowledge, skills, and ability; that I am
11	neither counsel for, related to, nor employed by any
12	of the parties to the action in which this was taken;
13	and, further, that I am not a relative or employee of
14	any counsel or attorney employed by the parties
15	hereto, nor financially or othe
16	outcome of this action.
17	DEIDRA MUSICK NASH
18	Notary Public in and for the
19	State of Georgia
20	
21	
22	
23	
24	
25	

	Page 79
1	CERTIFICATE OF TRANSCRIBER
2	I, STEPHANIE OSTRANDER, do hereby certify
3	that this transcript was prepared from the digital
4	audio recording of the foregoing proceeding, that said
5	transcript is a true and accurate record of the
6	proceedings to the best of my knowledge, skills, and
7	ability; that I am neither counsel for, related to,
8	nor employed by any of the parties to the action in
9	which this was taken; and, further, that I am not a
10	relative or employee of any counsel or attorney
11	employed by the parties hereto, nor financially or
12	otherwise interested in the outcome of this action.
13	and the second sec
14	
15	STEPHANIE OSTRANDER
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

[0.6 - act]

Page 1

	20 42.25 (2.20		_
0	20 42:25 62:20	3	7
0.6 41:8	2000s 44:25	3 23:3 62:3	7 62:7
0.8 35:13	2001 40:18 45:25	30 12:6	72 3:3
1	2002 39:4 43:11	30075 1:13	75 9:24
1 23:1 36:16 42:11	45:25 48:11,24 2003 40:6	31 3:3 10:24 11:2	8
56:21 57:14,19,25	2003 40:8 2005 10:18 19:11	11:7 18:14 38:24	8 39:15 62:8
62:1		33 3:6 53:11	8.3 41:8
1.2 20:25 21:2	2006 65:1,5,20 2007 65:1	34 41:2	80 60:10,10
41:4,14,21	2007 65:1 2007's 65:6	35 22:23 45:22	
10 13:2 34:9 62:10		365 20:25	9
10 13.2 34.9 02.10 10,000 21:7,10,13	2011 19:19	3700 29:10 56:17	9 62:9
10,000 21.7,10,13 10th 17:23	2012 40:18 52:7	3:51 77:11	90 18:11
10 1 1 1 1 1 1 1 1 1 1	2015 39:24 59:18	3d 23:4	904 19:10,20
11 47.10 02.11 12 62:12	60:10,12 2018 40:6 45:6	4	a
12 02.12 120 21:5	2018 40:6 45:6	4 3:3 41:19 62:4	ability 78:10 79:7
120 21.5 13 39:11 62:13	2020 39:24 69:8,17	40 12:7 70:13	able 4:17 8:5
13 39:11 02:13 14 40:21 62:14	2021 13:2 59:18	44 3:6	10:14 11:8 25:21
14 40.21 02.14 140 22:22	75:14	45 35:5	27:13 28:25 50:15
140 22.22 15 30:13 62:15	2022 1:8 42:2		50:25 66:2 73:20
72:17	55:17 71:11,13	5	absence 49:11
16 1:8 43:2 62:16	2023 18:9 43:21,22	5 37:2 41:20 48:18	absolutely 61:6
16 1.8 45.2 02.10 16.6 35:12	50:5 55:18,20	53:12,15 62:5	65:16 66:1,10
10.0 35.12 17 3:4 62:17	60:25 61:1 71:15	5,000 29:9 35:18	67:12
17 5.4 62.17 18 62:18	2024 11:3 18:11,14	56:15	abundance 49:12
19 3:5 62:19	43:24 50:7 55:21	5.5 41:16	access 9:16 50:16
	61:271:17	50 9:21 10:25 12:6	accessible 21:15
19,000 21:22	2026 10:24 11:7	70:13	21:23 22:12
1972 67:17,22 68:3	21 35:8 54:3 62:21	51 21:17 42:24	accurate 27:25
1977 9:22	21090 78:16	5133017 1:19	78:9 79:5
1988 9:25	22 53:15 62:22	56 3:7	acquired 9:24
1995 10:6 38:21	23 62:23	5800 21:25	acre 21:7,10,13,22
1996 39:4 41:7	24 62:24	6	21:25 28:13
43:11 67:17	24/7 20:25	6 62:6	acreage 29:10
1997 67:19,23 68:3	25 22:22 62:25	6.75 52:23	52:25
68:17 69:8 71:4	25-26 22:7		
2	26406 79:13	60 14:22 18:3	acres 28:15,16,21
2 20:21 23:2 36:23	26th 13:7,7 18:2	50:22 72:15 600 28:15 21 44:17	29:9 35:18 44:18 52:22 52:4 56:15
42:11 53:17 56:22	2725 1:2	600 28:15,21 44:17	
57:11 62:2	29 3:5 53:4,12	67 3:7	56:17
2.5 46:5	2:01 1:9		act 16:23 34:22,23
			34:24 35:5

[action - attendance]

action 78:12,16	64:9 74:22 75:1	anymore 69:21	35:12,13 36:9
79:8,12	76:13	anyway 15:11	37:18 42:5,10
active 6:23 21:7,8	air 23:17 24:2	ape 71:8	45:13 48:17 52:10
52:1 54:5	alabama 34:18,21	apparent 36:10	54:2,16 55:1
activities 56:18,24	34:25 35:2,4,15,15	appeared 39:16	56:19,22 57:12,22
60:6	allow 29:22	applicants 12:18	58:5,6,6,10,13,13
actual 69:20	allowed 29:20,25	application 6:15	58:15 60:6,7
add 75:8	59:6,7,10	6:23 7:22 10:15	64:15 68:3,23
addition 32:2	allows 10:19 30:4	11:2,3,12 12:25	70:3,22,23 75:11
additional 17:2	aloud 26:6	14:3 15:18,19	areas 5:17 7:21
32:1 34:2 42:1	amended 10:17	16:19 17:24 18:10	21:20 22:16 29:21
72:19 74:13	amendment 19:12	18:13 28:13 31:5	31:6 33:10,19,22
address 4:21 8:6	amenities 57:10	33:17 42:9 43:23	36:14 51:21 53:16
13:8 15:5 28:25	58:4 61:21	48:6,15 50:7	54:24 56:5,20
addressed 11:16	amount 10:20	71:16 74:5	57:17 59:9
26:4	31:22 38:20 44:23	applied 46:9	armuchee 34:14
addressing 33:21	52:17 59:24	apply 49:4	34:14 37:1 45:20
adjustments 12:8	analysis 60:9	appreciate 10:15	47:5,23 48:19
advance 6:7 18:20	analyze 42:6,14	10:16	article 38:24 41:2
30:24 52:20	48:16 60:18,25	approach 46:11	41:5
aerial 36:10 55:14	analyzed 39:10	49:22 53:2	aspects 10:1 62:5
affiliation 7:1,7	animal 55:3,5	appropriate 49:10	62:14
74:23	announcement	approval 18:1	assessed 40:21
aforementioned	25:4	approximately	assessing 49:11
54:3	annual 11:8 44:20	21:6 43:24 48:18	69:11
afternoon 4:2	44:24 45:6,10	56:15	assessment 37:22
17:15 24:8,17	answer 13:10	april 40:14 43:21	43:17 44:3 59:23
33:13 56:9	17:13 24:24,25	55:17,17	62:2
agencies 6:12	26:15 35:9 74:13	aquatic 2:5 33:14	assets 27:17
12:21 32:14 51:2	anticipate 27:19	33:24 44:12 47:8	assisting 17:18
66:24 74:18	anticipating 18:8	47:11 48:8,17	associated 10:9
agency 32:9 73:22	antioch 22:4 29:13	50:1,9 53:10	14:3 15:21 16:7
agenda 6:8 74:10	29:15 30:1 36:17	archaeological	57:1 58:4 62:5,6
ago 65:673:1	36:18,19 37:15	67:25 68:1,6 69:9	associates 67:19
agree 66:13	39:20 42:20 44:13	69:25 70:18 71:12	68:4
agreeing 16:15	45:4,8,13 53:14	archery 29:22	asterisk 47:25
agreement 10:7	56:21 57:15,19,25	59:10 61:6	attainability 37:22
agricultural 36:13	58:5,9	architectural 68:1	attempt 15:21
38:4	anybody 7:15 9:5	area 18:7 22:18	attendance 59:16
ahead 5:24 15:4	25:18 44:1 74:20	26:11,16 28:22	59:17
17:14 29:3 31:1	75:2 76:1,3 77:3	29:2 31:14 35:10	

[attendees - catch]

			_
attendees 2:2	bald 52:1 54:4	better 20:14 55:10	42:13,17 47:14
attending 7:4	base 37:3 65:7	bifurcate 23:1	49:1 52:1,21 53:5
attention 62:18	75:14	bifurcates 22:25	54:6,15,16 55:8,12
attorney 78:14	based 45:20 46:16	23:2	56:16 59:8
79:10	46:17 49:21 55:12	bifurcation 23:2	bow 59:9
attributes 46:12	74:2	big 46:6,7 68:19	box 15:6
audio 25:19 78:8	bases 51:12	biking 22:14 30:15	break 7:16
79:4	basic 11:13	57:13 59:3	brief 7:18
august 23:11	basically 9:12	biochemical 39:12	briefly 8:1
45:25	10:19 11:9,25	43:13	butchering 71:22
authority 11:20	19:22 21:9 64:5	biologist 2:5,13	butterfly 53:21,25
automatically	72:21	33:14	С
11:7	basin 34:12,22,22	biomass 45:11	c 2:1 3:1 4:1
aux 20:20	34:23,24,25 35:6	biomonitoring	call 19:15
auxiliary 21:24	basis 15:16	46:2 49:3	called 54:13
22:3 29:25 35:25	bass 22:17 30:13	biotic 46:9,15 49:5	camera 5:4
36:15,16,23 40:5	45:2,8,17 47:1	bit 8:23 13:12	cameras 4:24
42:11,11 44:15	bathhouse 30:8	24:17 50:23 58:25	campers 57:21
51:22 53:11 54:17	58:12	59:20 72:13 73:1	campers 57.21 campground
56:21,22 57:11,14	bats 53:23	black 45:2	29:17
57:19,25	battery 20:14	blank 68:15	campgrounds
available 24:13	beach 29:14 30:9	blooming 55:19	29:16
29:11 37:11 40:11	57:20,20 58:11,12	blue 39:4 48:18	camping 22:13
40:16,19 47:14	bears 59:11	boat 29:12 54:22	30:15 57:22 58:16
49:10 55:2 56:12	bed 24:12	57:12,16 58:7,14	58:16,17 62:10
56:17,25 67:6	began 6:14 10:5	58:20,22 63:23	candidate 53:18
77:2	38:21 39:2	boating 22:14	53:21
average 41:20	beginning 51:9	29:20 37:16 58:13	canoe 29:19
aware 46:18	55:12	63:18	capable 38:12
b	begins 12:23 16:18	bodies 34:7	capacity 10:18
back 18:21 19:11	35:1	body 37:25	19:10,12,20 26:22
21:10,10,11 23:21	believe 7:11 17:4	bold 14:12	27:1 28:2
24:6 25:16 26:17	28:15 65:4,4	botanical 33:24	capital 62:25 63:5
27:15 28:18 39:18	ben 2:17 75:7,22	51:17 54:10	capture 7:8
44:25 48:24 68:13	beneath 36:21	bottom 5:9 36:23	capturing 66:8
44:23 48:24 08:13 69:6	beneficial 37:6,7	43:9 47:25 53:9	carefully 12:15
	benefits 20:1	boulders 52:4	U U
backpack 46:4 49:7	best 6:18 22:15	boundaries 69:25	carry 48:3 case 12:9
bacteria 39:13	27:14 65:9,13	70:19	case 12:9 catch 30:10 45:7
balance 12:13	78:10 79:6	boundary 10:10	
Datatice 12:15		29:10 35:18,22	55:19
		27.10 33.10,22	

catching 30:13 45:16 category 16:13 **catfish** 30:12 45:3 caught 22:17 30:5 **center** 29:12 30:7 37:3 57:16 68:22 68:22 69:22 central 35:2 certainly 66:18 74:20 certificate 78:1 79:1 **certify** 78:4 79:2 **cfs** 21:2 41:8,8,14 41:21 challenging 6:24 chamber 2:17 75:7 **chance** 65:21

conducting 15:15 46:4 54:20 55:16 70:9 conductivity 39:9 configuration 34:5 confirm 28:18 conflict 16:7 connected 33:1 36:21 connecting 32:17 32:20 conservation 49:17 consider 12:16 64:15,19 66:18 72:20 consideration 12:11 considerations 32:21 considered 30:2 53:22 consistency 60:18 consistent 40:24 constant 21:2 constantly 68:25 consult 49:24 51:11 consultation 4:10 6:12 10:4 14:7,13 15:12,14 16:18 17:1,3 49:16 70:24,25 71:1 73:8 consulting 12:20 contact 63:15 contained 20:23 context 31:5 context 29:2 continue 10:25	continued 48:16 68:8 70:21 continues 34:17 36:25 continuing 6:17 76:23 continuous 21:5 41:3 continuously 41:11 contract 49:14 control 6:6 18:17 29:6 34:3 56:8 controls 72:9 conversation 67:6 cook 24:9,19 coosa 34:12,17,17 34:21 35:1,5,9,15 copy 14:25 15:4,5 cordle 68:17 69:16 69:21 corporate 25:23 75:10 corporation 19:6 69:9 75:15 correct 28:20 correctly 67:1 corresponds 52:12 52:13,15 cost 33:3 counsel 78:11,14 79:7,10 country 22:17 county 34:9 60:19 67:21 75:11,14,16 couple 4:20 20:2 57:7 course 5:15 6:16 8:8 28:5 69:21 70:12	courtesy 58:15,22 cover 17:20 33:18 33:23,25 56:5 62:14,16 covered 13:16 33:20 covers 28:8,16 craig 1:7 2:3 3:3 4:4 19:11 28:20 33:12 51:14 66:12 67:10 75:3 crappie 45:2 creek 20:20 21:1,1 34:13,13,14,14 35:11,20 36:1,5,5 36:6,25 37:1,2,4 37:20 38:2,8,10,15 38:18 39:15 40:17 40:25 41:5,13,17 41:19,23 42:12,21 43:4,6 45:18,20,22 45:25 46:20,20,22 47:5,5,16,23,24 48:10,13,15,19,19 48:22 49:9,21 54:18 criteria 32:12,16 32:16 33:6 critical 32:24 47:17 75:12 crossing 46:7 crossing 46:7 crossi	cycle 23:21 46:25 d d 4:1 daily 19:24 38:1 41:20 42:23 dam 9:15 20:24,24 21:6,20 35:11 37:20 39:21 42:12 42:22 45:18 46:6 dams 21:19 35:16 darters 45:24 data 38:20,22 40:3 40:3,11,17,23 41:13,25 42:2,6,15 43:19 44:23 59:15 60:11,13,22,25 65:1,19 date 18:15 44:25 60:13 dated 52:24 dates 15:10 day 14:22 18:3,11 19:23 20:6,11 21:2 24:3 26:25 28:1 50:22 58:6 72:15 days
11:9 48:3 70:3		60:4	

definitely 5:6 51:1 51:11 65:15,24 66:7 67:6 73:4 deidra 1:18 77:7 78:2,17 delineating 55:8 deliver 10:19 demand 19:24 23:13 39:13 43:13 demands 24:7 65:10

electrical 29:18 electricity 20:18 21:9 electrofishing 44:20 45:7 46:4 49:7 element 55:7 70:9 elements 42:13 48:20 54:19 60:8 63:17 70:24 elevated 37:24 elevation 20:17 21:16 elevations 26:24 **eleven** 23:19,20 24:11 eligibility 68:11 70:16 **eligible** 70:2,20 emergent 53:3

74:3 **finalized** 50:2,16 finalizing 51:2 **finally** 5:20 16:23 38:8 financially 78:15 79:11 **find** 15:24 16:14 20:14 65:5 **findings** 11:12,14 40:24 74:2 **fine** 8:22 finished 19:19 44:4 firearm 29:23 firearms 59:7 first 4:22 9:8,11 14:12 15:12 25:7 26:10,14 30:3

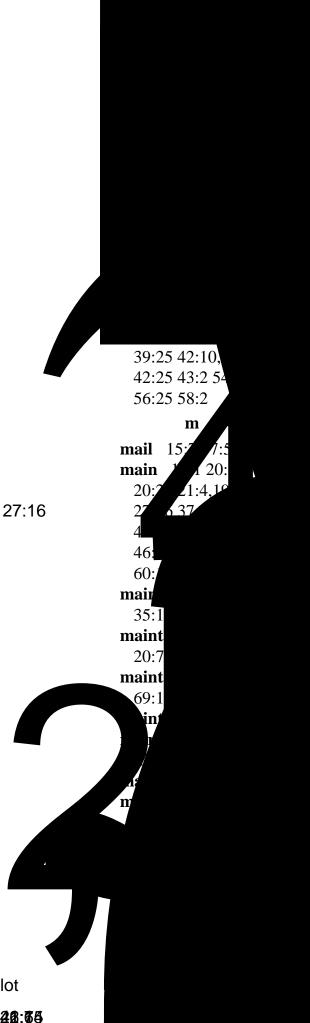
includes 9:12 13:2 **hunters** 60:15 hunting 29:22,24 31:9 39:7 59:5,7,8,9 63:18 hydro 75:10,20,20 hydroelectric 1:1 19:7 hydropower 11:21 i **ibi** 46:10,14 **idea** 21:4 40:11 66:6 identified 38:2 47:20 identify 11:15 31:16 55:2,4,5 61:20 70:6,10,19 71:7 identifying 14:14 31:17,19 54:11,14 **idle** 29:20 **image** 36:9,11 57:10,14,23,24 58:20,21 68:17 imagine 62:9 **impact** 26:19 27:1 27:9 important 17:4 53:14 65:5 impoundments 45:8 improved 61:23 incidentally 16:2 **include** 11:12 14:18 25:8 40:2 42:10,20 43:10 51:21 52:1,21 54:16 60:6,8 61:20 62:4,19 70:22,25 74:2 included 13:5 15:18 62:12 69:4

kept 30:20 **key** 33:19 42:13 48:20 54:19 55:7 60:8 63:17 70:24 **kicked** 17:22 **kind** 19:8,8 20:3 20:10 21:3 22:11 23:4 24:21,21 57:8 59:2 60:20 61:22 64:16 66:5 69:7 **kirven** 2:15 3:7 33:18 56:4,7,10 61:10,14,19 62:3,8 63:20 64:1,8,10,24 65:2,12,16 66:1,4 67:8,12 71:21 72:3.7 kleinschmidt 2:6 2:15 33:15 56:10 **knew** 71:22,24 **know** 4:15 7:9,16 8:12,13 10:22 12:12 15:23 16:13 17:22 20:21 22:2 22:3 23:10 24:10 27:13 31:9 44:4,6 49:21 57:12 59:13 59:20 60:17 62:12 62:14,18,24 63:5 63:13 64:14,15,17 64:21,22,23 65:7,8 65:9,10,14 66:6,13 66:17,18,21 71:7 72:24 73:5,18 74:14 75:8 76:15 77:4 knowledge 78:10 79:6 **known** 34:22 46:19,22 47:4,13

47:22 52:3 53:24 70:7 knows 62:18 1 laboratory 39:11 40:22 **lack** 38:11 47:14 **lady** 30:12 lake 20:21,22 22:4 22:4 29:13,14,15 30:1,1,1,2 34:18 36:17,19,19,24 37:15,15 39:20 42:21,21 44:13 45:4,9,9,14,14 47:2 53:12,13,14 56:21,23 57:11,15 57:19,25 58:5,9,19 61:6 **lakes** 44:17,19,21 44:24 45:1 **land** 35:18 36:11 56:15 lands 36:13 lane 58:7,19 large 22:17 31:23 39:3 45:17 55:6 58:16 largemouth 30:13 45:2,7,17 larger 29:1,2 30:5 30:5 34:21 49:20 launch 58:20 launches 29:12 lavender 34:13 36:6 37:4 38:10 41:13.17 layman 2:5 3:6 6:3 33:9,11,14 44:9 50:13,19 51:14 56:3

leads 31:20 leaking 38:5 **lean** 59:20 **left** 36:24 40:12 45:5 52:8 **length** 38:22 **letters** 72:21 **level** 13:13,17 17:20 33:19 74:8 **levels** 41:15,17 **license** 9:12,20 10:17,25 11:2,5,6 11:9,11,12,17,20 12:4.5.8.10.17.24 14:3,19 15:18,19 16:1,16,19 18:10 18:13,15 19:12 33:17 38:25 41:3 41:5 42:8 43:23 48:5,15 50:6 70:13 71:16 74:5 **licensed** 9:9,20 licenses 11:8 **licensing** 10:2 13:5 13:9,13 14:21 16:4,12 17:12 **life** 46:25 **light** 53:9 **limited** 45:15 60:5 63:24 64:4 73:9 lines 9:6 **link** 5:24 **list** 2:2 25:5,7 48:3 **listed** 42:4 43:12 46:19 47:7,9,18 53:18,20 54:2 68:9 69:8 **listing** 47:12 53:22 lists 37:7,7 54:2 67:24 68:5

liter 41:16.19 literature 70:8 71:10 **little** 5:9,10 8:23 13:12 19:1 20:2,3 24:17 36:7 37:1 45:20 48:19 50:23 58:25 59:19 69:1 69:3 72:13,25 73:1,9 **littoral** 53:7 54:11 **live** 49:13 livestock 38:4 **load** 19:24 23:15 23:17 38:1 68:14 loads 23:17 **located** 34:9,11 35:7 36:1,3 57:10 57:13,16,22 58:1 59:3 61:21 69:15 69:22 locating 69:10 location 34:20 68:19 locations 34:7 48:22 49:18 55:11 logically 33:2 **long** 13:25 45:6 65:675:25 **look** 6:21 12:13,14 23:10 36:7



mountain 1:1 4:3 4:15 7:19 9:9,20 19:7,14 22:13,25 24:22 34:8 35:17 36:3,4,5 37:2,4,17 38:8,15,18 39:15 42:5 43:4 44:17 51:23,25 52:4,14 52:17 56:16,19,20 60:7 67:21 68:4 75:9 **move** 21:10 33:8 44:10,11 51:16 57:24 59:12 67:13 67:15 71:13 76:13 **moving** 13:19 58:18 **multi** 46:10 **murray** 2:17 75:3 75:6,7 **musick** 1:18 78:2 78:17 **mussel** 49:8,15 50:3 **mussels** 47:11,15 47:19,22 48:9,12 48:14 **mute** 5:4 74:23 76:4 **muted** 4:24 5:1 n **n** 2:1 3:1,1 4:1 name 7:1,7 17:16 19:4 74:23 75:6,7 **names** 7:13 **narrow** 53:6 **nash** 1:18

[operated - please]

Page 14

operated 20:7	outlined 42:3	particularly 63:1	phone 7:10,11,15
operates 9:15 57:4	outside 34:18	parties 78:12,14	phosphorous
59:13	overall 38:23	79:8,11	43:15
operating 9:13	40:25 44:4 46:15	partners 20:9	photograph 36:10
10:6 11:1 22:8	overhauls 19:13	partnership 10:16	photography
46:3 49:4,4	overly 10:21	31:24	55:14
operation 19:21	overview 4:18	pass 20:17,25 22:5	physical 41:10
23:11 27:20 38:21	7:19,21 18:19	passage 22:20	physiographic
39:17 42:7 43:7	19:8 29:8	passing 21:13	34:10
48:16	owned 27:12	pattern 26:13	pick 23:15,18
operations 7:20	owning 9:13	27:20	picnic 29:21 57:12
9:19 10:2 18:19	oxygen 38:17 39:9	pause 5:14,14 8:14	57:17 58:6,13,15
31:10,15 32:25	39:13 40:7 41:12	9:4 10:11 13:14	picnicking 22:13
38:7 39:2 57:3	41:15,18 43:13	17:10 33:7 43:25	picture 30:11
70:22	oxygen's 40:12	50:8 74:12 75:23	58:23 69:4
opinion 27:24 28:4	р	75:25	piece 27:18 32:24
opportunities 5:14		paying 75:18	75:13
8:24 16:25 17:2	p 1:2 2:1,1 4:1 p.m. 1:9 77:11	pdf 15:7	pine 51:21 52:13
37:14 44:3,20	-	peak 19:24 20:7	pines 51:23
73:25 75:17	pad 13:1,2 31:8 33:20 38:23 40:2	23:16,25 24:5,7,16	pit 63:3
opportunity 6:21	40:10,23 41:9	pedestrian 54:23	place 15:25 16:15
7:24 8:2 19:19	40:10,23 41.9 42:3 44:22 47:21	penetrates 53:9	22:18 30:19
44:10 74:17 76:6	48:1 51:18 52:23	people 20:21	places 68:11
76:19	48.1 51.18 52.25 54:2	22:15 24:1,9,18	plan 6:19 19:14
options 13:9		63:22,23	43:17 48:4 50:2
orange 52:13	page 3:2	percent 9:25 35:5	52:7 55:24 60:1
order 11:5,6,17	paid 75:15	35:8,13 53:11,13	60:14,19,22 62:12
12:4,8,17 14:19,20	parameters 39:11	53:15,17	68:5,5 70:5 71:3,5
24:4	40:21 42:19 43:9	perfect 66:4	71:9
organic 43:14	43:12	performance	plans 33:21 51:1
orient 57:8	parking 58:6,13	19:17	61:13
orientation 34:3	58:19 59:1	performed 18:6	plant 2:9 19:6,7,20
original 69:18	part 4:14 6:9	period 12:6 14:22	19:20,22 20:15
originally 9:20	12:19 17:4 19:13	18:3,12 40:14	22:8 55:3,5
originates 37:3	27:24 31:23 37:17	50:23 72:16	plants 24:5 27:12
ostrander 79:2,15	38:9 39:17 41:5,9	person 6:17	53:20 54:3,14
outcome 78:16	44:16 51:10 52:7	pfa 37:18 44:17	55:20
79:12	53:1 59:22 66:13	56:19,20	played 25:14
outhouse 63:3	75:12	ph 39:9	please 4:12 5:3,19
outlet 38:14,14	participants 8:9	phase 73:15	7:7,13,15 8:12
43:5	particular 5:16		73:4 76:10
	34:19 40:3		

relationships reproduce 47:2 76:21 reproduction relative 49:12 38:12 request 13:5 17:24 78:13 79:10 **release** 21:20,20 18:1 32:19 41:3,8,15 **requests** 32:2,11 reliable 75:13 77:3 relicensing 1:2 4:4 **required** 6:11 11:1 4:14 5:21 6:9 7:20 12:10,18 16:22 20:25e40013 Tf 71:00.2063, 15 (neproduction) 3:00 2:5E38:26T /F1 0013 Tf 220.1625 495.85 11:15 12:2,22 requirement 20:19 13:17,25 14:17 requirements 9:15 17:18,22 33:1 72:12 74:7 75:19 41:18 **relocated** 68:18,24 69:18 **remain** 5:1 43:1 **remote** 1:12 **removed** 68:6,7 rendering 23:4 renewable 20:16 renewables 27:22 28:6 **repeat** 34:4,6 replaced 19:15 **replacement** 63:2 replacements 63:5 **report** 43:22 45:6 50:5 55:20,21 61:1 71:14,15 reported 1:18 reporting 48:5 **reports** 18:9 44:24 73:21 74:1,3 representative 43:3 48:22 51:19 55:3 64:6 represented 39:22 representing 49:10

[running - south]

		_	
running 24:3	secretary 14:25	sheets 65:19	69:18,20 70:1,8,19
runs 22:20,23	section 8:20 49:17	shelter 58:7	70:19
S	see 7:4 9:4 13:15	shifted 65:8	sites 29:19 57:22
s 2:1 3:1 4:1	14:11 17:11 23:5	shiley 63:2	59:22 69:11,15
safety 9:15 57:1	23:6,12,17,18,23	shining 26:21 28:3	situ 39:7
salamander 52:2	23:24 24:1,8,8,15	shock 30:14	situated 10:10
54:4	24:22 25:21 27:25	shoot 77:5	six 40:14,14 43:12
salt 46:24	28:1 30:9 35:1,20	shoreline 21:15,23	53:20 68:6
sample 64:6	36:18 37:2 44:1,5	shorelines 54:22	size 49:13
sampled 41:11	57:11,15,20,21,24	57:1	skills 78:10 79:6
45:25	57:25 59:23 61:5	shortly 10:6	skip 70:5
samples 39:10	68:8,23 69:1,2,2	shoutout 25:22	slide 13:12,19,22
sampling 39:23	72:5,5 74:12	show 20:3 34:6	20:2 21:3 31:2
40:20 42:2,16,19	75:24,25	shown 34:23 39:3	32:5 37:7 42:18
40.20 42.2,10,19	seeing 25:19 27:8	40:10 43:9 46:13	68:13 72:10
45:21 46:5,16,17	seek 12:24	69:15	slides 5:20 6:7
47:14 48:11,23	seen 20:11 26:19	shows 8:19 34:20	18:21 20:2 25:17
47.14 48.11,25	26:21,25	42:18 45:6 52:8	30:24
· ·	sees 21:1 59:23	52:11 59:2	slopes 51:23 52:4
sampling's 42:22 sand 53:7 58:12	segment 33:18	shpo 70:24	52:15
satisfaction 64:23	send 14:25 15:5,6	shrub 52:22	small 16:9 30:13
satisfaction 04.23 save 20:16	25:4	shrubs 53:3	36:1 47:6 53:2
	sense 13:23 51:5	sibley 2:13 50:15	59:10 60:14
scenarios 41:8	73:1	65:17,18 66:2	smaller 39:24
schedule 17:21	sensitive 55:4	67:4,9	snails 47:11,15,20
43:16 49:25 55:15	separately 36:20	side 36:13 40:12	solar 20:11,12,15
60:21 71:6	september 50:5	40:13 51:24 52:16	26:12,18,20,22,23
scheduled 8:3	55:17	sides 36:2	27:1,9,22 28:2,6
scope 16:5	septic 38:5	sign 69:3	sold 11:23
scores 46:15	service 47:21 48:2	signal 5:10	solids 39:12
screen 5:10 68:10	49:17	signature 78:16	soon 55:18
68:15	set 41:25	79:13	sort 6:17 49:22
search 49:9 70:8	sets 40:3	significant 59:24	65:22
season 29:22,24	seven 32:11,15	similar 39:22	sorts 57:13,17
seasonally 27:6	39:3	41:16 50:1 71:6	sounds 63:9 66:4
seasons 18:7 59:7	seventeen 47:7	simplified 10:21	source 40:16
59:9,10	sewer 62:6	single 58:19	sources 27:5,7,9
second 15:14 21:1	sewer 02.0 shallow 53:2,8,8	sir 61:10 62:3	27:17 37:25 38:3
26:12 41:4 48:25	53:16	site 1:3 4:4 6:19,20	38:6 40:1 55:13
secondary 38:9,11	share 9:24	7:21 25:3 41:14	south 34:15
seconds 75:24,25		48:23 49:13 68:21	5 00111 57.15
		40.23 49.13 00.21	

[southeast - swimming]

southeast 22:16	start 4:12 18:22	streams 38:10	suitable 54:12
southwest 34:24	23:16,20 24:1,9,9	striped 47:1	summarize 70:7
51:24 52:16	24:10,11,12,19,19	structure 22:22	summarized 38:22
spawn 46:25	37:8 51:6 56:13	68:7	40:2,23 41:9
spawning 47:4	started 55:18	structures 21:19	67:19 73:8
speak 7:6	starting 23:15	70:11,11	summarizes 44:22
speaking 5:1 14:6	starts 22:22	studies 11:13,15	summer 52:6 54:1
specialist 2:7	state 46:18 47:7	14:17 15:15,16	54:21 61:1 71:11
17:17	54:2 59:6 74:23	18:4,5,8 31:6,20	sun 26:20 28:3
species 45:22	78:19	32:10 33:1,16	sunfishes 45:2,23
46:19,21,23,24	station 39:6,15,16	67:18,19,21 72:14	supplement 42:15
47:8,19,22 49:12	43:1,9 48:25	72:18,19 73:20	supplemental
51:25 52:3 53:19	57:21 63:1	study 7:23 8:8	19:25
53:22,23,23 54:3,4	stations 39:3,19,23	18:9 32:2,11,18	support 20:11
54:13,13,15 55:3,5	39:25 42:17,19,19	33:1,5,20 41:6,9	45:1 75:19,20
55:6	statute 11:20	41:14,20 42:5,10	supporting 37:23
specific 5:13 8:12	step 71:7	42:13 43:17,22	38:13
12:9 15:10	stephanie 79:2,15	48:4,5,8,10,13,17	supports 45:22
specifically 34:12	steps 8:1 17:6	48:20 49:2,15	sure 4:23 8:5,19
63:16	50:24 72:10,12	50:1,2,5,10,16	28:17 34:3 56:8
specimens 49:13	steve 6:1 28:24	51:1 53:1 54:15	60:17 61:14,19
speed 29:20	30:25 33:9,13	54:19 55:20,24	62:8,14,16,19 64:8
spend 13:21	44:8 50:12,18	60:1,2,6,21,21	64:19 66:7,25
spills 20:22	56:7,9	61:1,13,16 63:17	73:6,17,23 76:11
spinning 19:25	steven 2:5 3:6	66:16 70:5,17,22	surface 28:16,16
spring 54:1,20	stick 73:9,10	70:24 71:2,9,14,15	38:14
square 35:12	stock 38:13	73:15,21 74:1,3	surrounding
stage 14:12,14	stop 8:4	stuff 65:20	51:22
15:12,14 16:17	stopped 47:1	sub 45:8	survey 46:4 48:12
stages 14:6 73:8	storage 1:1 19:7	submit 32:10,11	48:21 49:8,19,20
stakeholder 18:12	19:21 20:15 21:7	subsequently 9:24	50:3,4 52:6,9 54:8
43:24 50:7 71:16	21:8,22 22:1 57:3	subset 39:24	54:20 55:16 64:5
stakeholders 18:3	75:10,20	substantial 31:22	64:12,23 65:20,23
50:15	store 20:15 26:23	38:20 44:22 52:17	69:25 70:10,18
stand 51:12	28:1 68:17,18,23	substantially	71:12,12
standard 37:13	69:16,18,21	42:24	surveys 44:21
46:3 49:3	stored 20:17	suckers 45:24	54:23 55:1,13,16
standards 37:5	stream 35:22	sufficient 41:21	suspended 39:12
standing 68:6	45:19,24 48:24	sufficiently 8:6	swimming 22:13
star 34:23	53:4	suit 65:1	29:14 37:16 58:11

[sworn - trout]

Page 20

sworn 78:5	47:18	77:8	top 23:8 36:3
synthesis 67:22,24		thinks 28:5	57:23
system 20:1 27:2	tent 29:19	third 16:17	total 21:25 38:1
47:5,6 62:6	tenths 35:19	thought 16:24	39:12 44:17 53:5
systems 38:5	term 9:21 10:25	threatened 47:19	totaling 52:22
t	12:7 13:25 16:1	54:12	touch 17:5 51:12
	16:16 45:6	three 14:6 23:3	76:25
t 3:1,1	terms 9:13 11:10	25:25 29:12 35:19	touched 13:18
table 39:4 48:1	63:24 73:14	52:11 75:15	tour 1:3 4:4 6:19
tails 23:19 24:16	terrestrial 51:18	throttling 27:15	6:20 7:21 25:3,100/F1 0013 7
take 5:3 6:6 12:13	52:7 54:7,9 55:15	throw 32:12	tournaments 64:3
22:2,5,10 24:5	55:24	timber 53:13,17	traditional 13:5
29:6 33:4 36:7 50:18 56:6 68:14		time 5:5 8:12,15	
50:18 56:6 68:14	•	13:21 17:9,13	trailers 58:14
74:22 75:1 76:3	texas 46:7,7 48:24		trailhead 59:1
taken 26:20 58:23	68.10	20.8 14 18 10	trails 57.12 50.1 2
78:3,12,79:9 ranscrib9 Td (testifying) Tj ET BT3 takes 72:16	Ttextt5610/372 410775	ET5:B23 6F41 10065:6fvi	in granscribed 4:9
	thank 6:5 61:7	70:12 74:14	transcriber 79:1
talk 8:1,22,22 13:12 17:5 31:8	67:7,8,9 75:22	timeframe 43:20	transcript 7:3,6,8
	76:8,14,25 77:7,8	60:22,25 61:3	8:20 74:25 77:2
32:5,13 50:23 59:19 73:25		71:8,17	79:3,5
talked 23:9 31:3,4	30:22 31:23 33:11	timeframes 51:6	transcriptionist
72:13	51:14 56:3,7	timeline 33:4	78:8
<i>talking</i> 6:10 13:4	63:10,10 67:10,10	timelines 50:16	transitioning
17:2 63:17	71:21,25 72:3,4,7	times 23:24 73:23	25:17
tall 22:23	72:10	73:24	transparent 73:11
tall 22:23 tallapoosa 34:21	that'd 26:7,7	timing 51:13	transparently
35:3	thereabouts 71:10	titled 67:20	12:19
55:5 target 60:15	thing 31:1 73:5	tlp 17:25 18:2	trc 69:8,24
target 60:15	74:10	tmdl 38:2	treats 16:11
tax 75:14 taxes 75:15	things 4:21 9:14	today 4:18 5:3,19	trees 53:3
team 25:23 45:25	9:15 14:4 24:20	6:17 8:1,4 9:9	trend 45:7
48:24	34:4 57:13,17	10:3 12:20 13:4	tribes 6:12 12:21
technical 14:2	64:4 65:25 66:6	15:13 18:2 25:6	tributaries 34:13
67:22	66:14 70:14	46:18 58:24	36:2
teilhet 2:19 7:10	think 6:3 26:3	today's 4:7,13	tributary 47:5
temperature	27:24,25 28:24	5:20 6:8,16,22	trophy 30:2 45:16
38:16 39:9 40:7	30:23 34:5 35:9	7:18 8:8,25 14:21	trouble 25:19
40:13 41:12	45:4 47:10 51:7	toilets 63:3	trout 38:9,11,12
ten 19:13 23:19	64:11,20,20 65:4,4	toni 2:20 7:11	38:13,13
24:11 30:3 45:15	66:5,20 74:9,9		
24:11 30:3 43:13			

Veritext Legal Solutions

true 78:9 79:5	u			
truthing 55:14	u.s. 47:20 48:2			
try 64:5 72:2	u.s. 47.20 48.2 53:25			
trying 21:12	· -			
tubes 23:5	ultimately 14:18 71:2			
tunnel 22:20,23	unaffected 39:17			
turbidity 39:11	43:7			
turbine 23:5,6,7				
turbines 20:18	understanding 28:21			
turkey 59:11				
turn 5:4 17:8	unique 55:4			
22:24	unit 23:1,11			
turned 4:24 20:13	units 23:2,3			
turning 23:14	unmute 18:23			
turtle 54:4				
tv 24:10,20				
tweaking 67:1				
twelve 23:20				
twenty 13:7				
two 8:4 18:14				
21:24 22:10,10				
24:18 29:12 40:3				
40:3,9 45:8 48:21				
53:23 54:4 56:5				
56:20 57:18				
tyler 2:7 3:4 6:1				
7:12 15:9 17:8,14				
17:16 18:16 25:2				
25:12,16 26:8				
28:11 30:23 32:4				
72:8				
tyler's 15:8				
type 64:4				
types 39:5 49:23				
51:21 52:12,19				
55:9,11				
typewriting 78:7				
typical 23:5,11				
24:14,21				
typically 20:6				
J F				

[we've - zeng]

 we've 7:14 14:13 20:7 22:7 25:23 26:21 28:12 31:24 31:24 43:18 57:3 57:18,20 58:11 59:17 64:18 66:6 68:8,9 wear 21:12 webcast 4:25 website 5:21 25:21 wednesday 1:8 weekends 19:22 19:23 wei 2:11 26:9 28:12 35:10 weiss 34:18 47:1 welcome 4:3 74:20 77:1 went 71:24 west 22:4 29:13,15 30:1 34:18 36:2 36:19 39:20 57:14 57:15,19,19 58:9 wetland 33:25 51:17 52:24,25 54:8 55:15,24 wetlands 52:21,22 53:2 54:10 55:10 55:11 wheels 19:15 wide 22:22 widespread 53:25 widlife 2:12 10:8 27:4 30:9 33:24 38:3 47:20 48:2 49:16,17 51:16,18 51:25 53:14 54:9 54:14 wise 17:9 witness 78:4 	<pre>wooded 52:6 words 11:18,24 work 8:22 19:5 24:1,2 31:23 51:2 62:13 66:23 73:12 73:12 working 10:12,16 62:25 63:4 76:21 wrap 25:16 29:3 write 69:1 written 8:24 14:23 76:6 wrong 10:23 71:25 yeah 26:7 28:11 28:24 31:1 33:13 50:19 61:25 62:23 64:10,10 65:17,18 65:24 66:2,4,13 67:4 75:6 year 10:25 13:7 17:23 18:6 19:13 20:25 38:13 42:16 43:20 45:14 50:4 60:23 71:14 years 9:21 10:17 12:6,7 13:24 14:1 18:14 22:7 27:21 39:1,6 40:5 70:13 yep 50:11 64:24 yielded 46:15 young 30:11</pre>