McGowan presentation

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00:01:32,880 --> 00:01:40,020

My name is Mike McGowan. I am the division forester as we previously mentioned.

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00:01:40,020 --> 00:01:47,610

And I'm here to tell you about our management plan and what we plan on doing over the next hundred and sixty years.

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00:01:47,610 --> 00:01:51,690

So this is my bio.

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00:01:51,690 --> 00:01:58,200

I'm originally from Northwestern Tennessee my mom remarried when I was a teenager and I did middle school and high school in Detroit.

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00:01:58,200 --> 00:02:05,610

And then I did my college in Michigan's Upper Peninsula on the shore of Lake Superior

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00:02:05,610 --> 00:02:09,810

or I got my Bachelor of Science in Forestry from Michigan Tech.

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00:02:09,810 --> 00:02:17,310

I have a minor in Forest E-comm to go with it. I started in forestry when I was 16, toppling trees for local logger.

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00:02:17,310 --> 00:02:25,740

I had worked literally every job in the forest products industry, pushing a broom at a sawmill to run on a sawmill yard.

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00:02:25,740 --> 00:02:31,830

I've done it literally everything. I learned forestry the old way.

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00:02:31,830 --> 00:02:34,230

I like to say that to people because I think it makes me sound special.

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00:02:34,230 --> 00:02:38,190

But in reality, what that means is I didn't get any nifty computer animation.

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00:02:38,190 --> 00:02:43,620

I learned forestry watching old forester out in the woods, drawing pictures in the dirt with a stick.

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00:02:43,620 --> 00:02:52,980

So as I'm trying to explain this technology and please bear with me, I'm just trying to translate drawings into something everybody can understand.

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00:02:52,980 --> 00:02:58,800

I joined the scene where you invaded Museum of Agriculture Forests in 2007.

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00:02:58,800 --> 00:03:03,060

I was the program technician for Batesville and Pine Tree.

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00:03:03,060 --> 00:03:07,080

I had worked this station untold numbers of times.

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00:03:07,080 --> 00:03:16,830

I've seen every square inch and look at just about every tree on this place in my career became a registered forester in 2014,

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00:03:16,830 --> 00:03:23,310

and the university saw fit was promoted to the Division Forester last year to.

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00:03:23,310 --> 00:03:30,680

Work that we have done, like our team of forest managers, has done award winning in 2019.

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00:03:30,680 --> 00:03:43,110

The Batesville station that we work on was recognized at the State Street form of the year by the AFA, and with luck this station will be the next one.

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00:03:43,110 --> 00:03:47,910

I think it's always best to begin a conversation by defining our terms so that

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00:03:47,910 --> 00:03:51,840

everybody is on the same page and that we're all talking about the same thing.

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00:03:51,840 --> 00:03:54,930

I think that makes the conversation most productive.

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00:03:54,930 --> 00:04:03,480

So I want to begin by talking about succession pathways, shade tolerance even versus unintended management,

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00:04:03,480 --> 00:04:09,780

which is the question that we had in the saw basal area economic maturity.

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00:04:09,780 --> 00:04:16,820

What is a long sustainability show towards regarded it as a go along?

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00:04:16,820 --> 00:04:25,880

Succession of pathways is the best place to start. What happens when you abandon the field, like we've got all this crappy ground out here,

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00:04:25,880 --> 00:04:31,550

if we didn't do anything to it, like we just all walked away and let it go.

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00:04:31,550 --> 00:04:37,610

It's going to follow this pattern of regeneration you're going to get.

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00:04:37,610 --> 00:04:40,290

I guess I should start by following.

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00:04:40,290 --> 00:04:49,670

The most basic definition of a succession pathway is the gradual replacement of one plant community by another plant.

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00:04:49,670 --> 00:05:01,590

And that's driven by two things. One is the environment like your soils, the amount of water, the amount of sunlight that the trees your plant.

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00:05:01,590 --> 00:05:09,210

The other one is bio factors, which is competition between plant species or something like hogs.

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00:05:09,210 --> 00:05:15,080

Like, if our hogs come through here and eat all of our acorns, we're not going to have Oaks come back.

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00:05:15,080 --> 00:05:19,760

So they helped drive this exceptional pathway.

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00:05:19,760 --> 00:05:24,230

You know, the stuff that they don't like to eat will regenerate the stuff they do like.

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00:05:24,230 --> 00:05:32,820

They won't. But this this diagram right here is the most important where intelligence is the most important one.

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00:05:32,820 --> 00:05:38,370

When you first have the first debate in a field, the first thing you get back on your forages and your grasses

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00:05:38,370 --> 00:05:47,240

And that's the CERP grasslands. That's kind of where we've tried to keep that land in terms of succession.

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00:05:47,240 --> 00:05:55,140

If if you don't burn it or keep it mowed a couple of years time you're going to have small shrubs showing up.

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00:05:55,140 --> 00:06:04,710

It's going to be like, you're sumac. And you know what, some other shrubby species that exist around here.

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00:06:04,710 --> 00:06:10,880

So, yeah, there's tons of them. But I mean, you're not going to grow the trees, the woody stems that aren't going to grow in the trees.

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00:06:10,880 --> 00:06:18,350

What they do, however, do is provide enough cover for what we call pioneer tree species to take root.

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00:06:18,350 --> 00:06:27,740

Those are tree species that enjoy full sunlight. And you'll start to see them come off your first tree species.

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00:06:27,740 --> 00:06:39,320

They will shade up the shrubs and shade out the grasses and move your forest in from an abandoned field into an actual forest over time.

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00:06:39,320 --> 00:06:52,200

Those first tree species grow. So that you'll have an actual closed forest canopy, those pioneer species are going to be just in over.

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00:06:52,200 --> 00:07:02,270

At the very start. And you're going to have more shade tolerant species beginning to take root and come up underneath them and over time,

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00:07:02,270 --> 00:07:08,630

maybe gradually supplant so that by the time you get to this forest, actually, which is where we're at.

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00:07:08,630 --> 00:07:14,420

You're pioneers. Since those initial trees, they're gone and they're out of the picture.

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00:07:14,420 --> 00:07:19,610

You're going to have this, this group of trees right here that were similar shade tolerant.

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00:07:19,610 --> 00:07:29,180

We're going to occupy the oval story and they're going to be out all but the shade tolerant species on the ground floor.

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00:07:29,180 --> 00:07:30,650

And then over time,

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00:07:30,650 --> 00:07:39,980

those trees that can grow in the shade take root in the shade come up and they replace those shade similar shade tolerant species in the over story.

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00:07:39,980 --> 00:07:48,780

And then they perpetuate themselves indefinitely because they can grow under close care.

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00:07:48,780 --> 00:07:52,650

Shade tolerance, therefore, is the next next topic, which you touch.

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00:07:52,650 --> 00:08:02,470

It's fairly self-explanatory in the tree growing shady interview, plant flowers at home or have a flower garden or anything like that.

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00:08:02,470 --> 00:08:06,120

You ever go to Wal-Mart and you're walking through the nursery section looking

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00:08:06,120 --> 00:08:10,140

at the flowers and stuff you'll see on the tags that they tell you about?

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00:08:10,140 --> 00:08:17,580

Shade tolerance on even those moments like that. It'll say, I heart sun or I say, and then they'll mention on the tag.

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00:08:17,580 --> 00:08:24,450

This plant needs six plus hours of Sundays. Twenty four to six hours at some point, you know.

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00:08:24,450 --> 00:08:33,860

That's that's what we're talking about is the shade tolerance, and the same principle applies to your tree species.

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00:08:33,860 --> 00:08:38,390

Shade intolerance, since the ones that what have you bought at Wal-mart.

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00:08:38,390 --> 00:08:43,340

the type that say I love sun. like loblolly pines and they grow really,

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00:08:43,340 --> 00:08:49,850

really well and open plantations for there is no covering or getting full sun.

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00:08:49,850 --> 00:08:54,590

They can come up without too much competition.

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00:08:54,590 --> 00:09:03,740

Semi shade-tolerant species or species like our own, our elms and our hearings and in a closed forest doctor coming here to talk about this.

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00:09:03,740 --> 00:09:13,130

You're going to see them regenerate these gaps. But as the canopy closes up over the gap, it chokes them out.

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00:09:13,130 --> 00:09:23,510

You're also going to see him regenerate along Forest Edge, so if you've got like a field in a forest growing just to the side of the field,

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00:09:23,510 --> 00:09:28,430

there's going to be some distance, whereas the sun moves across the southern sky.

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00:09:28,430 --> 00:09:33,530

The sun is shining into the forest and it's going to create some distance from the forest edge

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00:09:33,530 --> 00:09:39,470

in where there's enough light to regenerate some of these similar shade tolerant species.

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00:09:39,470 --> 00:09:54,000

But you're not going to find them out here where you have a closed canopy of any form denying them the sunlight they need to germinate and come on up.

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00:09:54,000 --> 00:10:02,950

We always want. Then you had shade tolerance instance, which your species like, you've seen the magnolias of which.

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00:10:02,950 --> 00:10:06,640

These are the trees that you will find under a closed canopy.

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00:10:06,640 --> 00:10:11,080

Regenerative braking take root. They can grow just fine in the shade.

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00:10:11,080 --> 00:10:20,080

And if we don't do anything at all to the forests that we had here at Pine Tree, those are the species that are going to dominate.

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00:10:20,080 --> 00:10:23,000

You're not going to have a choice, you're not going to have it.

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00:10:23,000 --> 00:10:30,580

You're not going to have the hard masks for the things you like the honeybee, you're going to have Maple Beech, Dogwood and Persimmon.

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00:10:30,580 --> 00:10:35,410

And in 50 years without management,

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00:10:35,410 --> 00:10:39,790

all of your hunting concerns are going to be magnified by a million percent

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00:10:39,790 --> 00:10:43,750

because we're not going to have food out there for the things you like to hunt.

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00:10:43,750 --> 00:10:50,390

And if they don't have food, you're not going to have food. So it's imperative that we.

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00:10:50,390 --> 00:10:58,400

We reset successional pathways tothose hard mass producing species.

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00:10:58,400 --> 00:11:07,070

We're going to do that when we have options, when you manage management and management, like I said, I learned how to do forestry in Michigan.

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00:11:07,070 --> 00:11:14,960

Michigan is dominated 80 percent of the forest up there is maple dominate, and maple is an extremely shade tolerant species.

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00:11:14,960 --> 00:11:22,910

We can go out there and cut little trees, medium sized trees, big trees and in small numbers.

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00:11:22,910 --> 00:11:29,300

And we still have enough light coming through the canopy that you're able to regenerate a maple force.

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00:11:29,300 --> 00:11:35,520

You can't do that with an oak like.

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00:11:35,520 --> 00:11:41,160

Uneven age management, I have said things which are straightened out with the sugar maple forests.

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00:11:41,160 --> 00:11:47,460

That's what the secretary selection was. You know, you come in and you just like this one needs to go.

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00:11:47,460 --> 00:11:53,430

It doesn't fit my mark and God take them out and just one or two trees here.

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00:11:53,430 --> 00:12:05,710

Their standard is enough. With an oh no, we've got to have plenty of summer shade intolerance like pine plantations.

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00:12:05,710 --> 00:12:13,750

You're going to need clear. And then you come through and replant after the clear and let the pine the new crop of pines come up.

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00:12:13,750 --> 00:12:18,580

It's exactly the same mechanics as the crops you had growing in your fields.

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00:12:18,580 --> 00:12:26,860

It's just taking 50 to 60 years instead of five to six months for their lifecycle.

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00:12:26,860 --> 00:12:37,690

Semi shade tolerant species like our forests are not quite as meaty, but you still have to.

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00:12:37,690 --> 00:12:42,790

You still have to reset the succession or pathway back to where we have first tree

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00:12:42,790 --> 00:12:48,550

species coming out with things like they need to have a little bit of shade,

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00:12:48,550 --> 00:12:53,920

they need to have quite a bit of sun, especially when they're not in the way you do.

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00:12:53,920 --> 00:12:57,700

That is what Kyle said. Disturbance of some form.

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00:12:57,700 --> 00:13:06,130

You either let a tornado blow through it or we go in and we harvest it, or there's some sort of huge fire that goes through it.

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00:13:06,130 --> 00:13:14,290

Or something happens to take the forest back to this sort of regime right here

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00:13:14,290 --> 00:13:19,510

where you can get a whole bunch of baby trees that are all the same age coming up.

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00:13:19,510 --> 00:13:26,950

And then eventually they all mature so that there's just a whole bunch of mature trees of the same age.

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00:13:26,950 --> 00:13:31,750

I don't know. Of course, we all still hear me in the back.

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00:13:31,750 --> 00:13:35,980

You make sure you speak up a bit different. All right.

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00:13:35,980 --> 00:13:42,340

Sorry about that. Oh, the way we reset the succession performance is greatness.

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00:13:42,340 --> 00:13:49,600

You either clear cut and replant. Now it's extremely important to replant.

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00:13:49,600 --> 00:13:57,070

A clear cut is like a roll of the dice. You don't have any regeneration established underneath it, for the most part.

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00:13:57,070 --> 00:14:01,390

You know it's chancy, but you can get your oaks to come back.

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00:14:01,390 --> 00:14:10,080

But the odds are good that you're not going to get the number of oaks or those in a lot of cases, the right species composition of oaks.

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00:14:10,080 --> 00:14:20,200

So I mean, if you're going to clear-cut, you need one hundred percent to plan on coming through and doing some supplemental planting.

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00:14:20,200 --> 00:14:23,860

You need to go in there and put oak seedlings in to replace what came down.

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00:14:23,860 --> 00:14:35,470

If you want to continue to have shelter, woods are by far the best option for this type of this type of reset on the succession pathway,

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00:14:35,470 --> 00:14:41,980

because that gives you the opportunity to know that your regeneration is present,

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00:14:41,980 --> 00:14:46,720

know that it's present in sufficient quantities and know that you have the right

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00:14:46,720 --> 00:14:53,460

species mix before you release it and let that new crop of trees come up.

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00:14:53,460 --> 00:14:59,270

Then some form of tea tree harvest, there's a whole bunch of seed tree Harvard sites out there.

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00:14:59,270 --> 00:15:08,870

But to be honest with you on the university land, we've tried seed trees across the state and we we've not had the best of luck messages.

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00:15:08,870 --> 00:15:11,150

We'll go out there, we'll cut and we'll leave our seed trees.

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00:15:11,150 --> 00:15:17,540

And then within two or three years, we'll catch a good straight line wind or something like that, and they've come down.

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00:15:17,540 --> 00:15:25,490

Let me speak up. That's what we do. Not a part of the pick and falls maker you straight down, right?

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00:15:25,490 --> 00:15:33,510

You don't need secrets that doesn't make clear the top. Yeah. Well, but I mean, like, you know?

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00:15:33,510 --> 00:15:41,460

Okay, thanks. Oh, yeah, but we did you avoid the jihadists because of that?

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00:15:41,460 --> 00:15:45,420

And if you look at this diagram, they've got the head injuries.

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00:15:45,420 --> 00:15:49,970

We've got snags which insects make a lot of.

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00:15:49,970 --> 00:15:58,200

So we've got course waiting to breed, which provides ground cover for fuzzy woodland, critters and small birds and stuff like that.

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00:15:58,200 --> 00:16:07,200

So that's leaving. All of that stuff is a very necessary part of.

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00:16:07,200 --> 00:16:15,380

Economic mature. When you look at a tree's life cycle.

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00:16:15,380 --> 00:16:23,940

It grows almost exponentially through the season and pulpwood phases of its life.

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00:16:23,940 --> 00:16:29,640

Because a tree has to get up into the canopy in order to survive.

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00:16:29,640 --> 00:16:36,630

Any tree that doesn't do anything besides shoot up to the top as fast as it can is in serious trouble.

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00:16:36,630 --> 00:16:43,740

So you get an exponential growth as these things grab through the sunlight as fast as they can.

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00:16:43,740 --> 00:16:50,250

But then once you make it into the sunlight and the tree can start adding diameter to its skin.

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00:16:50,250 --> 00:16:55,350

Its growth is going to slow down and become more linear.

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00:16:55,350 --> 00:16:57,390

And the older the tree gets,

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00:16:57,390 --> 00:17:05,100

and eventually at some point the tree is going to become over mature and you're going to start becoming like the rest of us, you know?

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00:17:05,100 --> 00:17:09,840

I'm over 40. My back hurts. My knees swell in the morning when it's cold outside.

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00:17:09,840 --> 00:17:13,620

I can feel rainstorms coming. Well, the trees can do the same thing.

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00:17:13,620 --> 00:17:21,240

Once you get past a certain age, they're going to be susceptible to disease insect damage.

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00:17:21,240 --> 00:17:27,570

They're not going to respond, as well as some environmental factors like drought.

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00:17:27,570 --> 00:17:37,200

And over time, they're going to degrade and just die every living thing on Earth.

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00:17:37,200 --> 00:17:43,020

This life cycle of betrayal here over like it's it's so well known that even

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00:17:43,020 --> 00:17:49,530

economists use the lifecycle of a tree to model the lifecycle of other products.

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00:17:49,530 --> 00:17:55,380

So that year, like, I pretty much just boosted this up to the common sight.

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00:17:55,380 --> 00:17:59,040

You know, they've got their product. They introduced their products. Nobody knows about it.

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00:17:59,040 --> 00:18:03,540

So they've got low sales as financial losses in forestry.

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00:18:03,540 --> 00:18:09,380

Those are your costs. That's planting your pines that spray a plantation.

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00:18:09,380 --> 00:18:16,230

You know, the initial costs that you put into growing a new crop of trees.

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00:18:16,230 --> 00:18:21,870

That's money that you're investing and you're not going to see a return on it for decades.

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00:18:21,870 --> 00:18:30,400

So it's extremely. You know, it's a rough patch, but it's a necessary thing.

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00:18:30,400 --> 00:18:37,130

I liken it to nobody likes changing diapers, but it's necessary if you're going to raise a kid, you know, at the very start of something,

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00:18:37,130 --> 00:18:46,690

there's a lot, a lot of chores and whatnot and you're not going to enjoy doing, but the rewards somewhere and then you get growth.

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00:18:46,690 --> 00:18:54,010

That's the pulpwood stage of the tree life cycle. The trees are growing faster than it's ever going to grow in its life.

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00:18:54,010 --> 00:19:04,870

You go from that tree having zero value to that tree, having some value, not necessarily the greatest value, but there is some value to it.

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00:19:04,870 --> 00:19:11,190

And then you get 12 to 14 inches in that tree becomes a solar.

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00:19:11,190 --> 00:19:13,890

Which is what we got right here, that's the maturity stage.

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00:19:13,890 --> 00:19:20,460

That's the peak sales and high profits like if you know, if you cut in to make money like in a pine plantation,

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00:19:20,460 --> 00:19:24,180

when those trees get 14 inches and you're a small salon,

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00:19:24,180 --> 00:19:29,190

that's when they're coming through and getting them down because they want to replant trees that are going

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00:19:29,190 --> 00:19:37,660

to continue to grow at an exponential rate rather than the trees which are going to grow at a more lead.

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00:19:37,660 --> 00:19:44,980

In hard words, we don't hit the trees down as soon as they become sawlogs because we have other products that

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00:19:44,980 --> 00:19:52,060

they cannot change it like like your natural wideouts can grow and become state logs in your logs.

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00:19:52,060 --> 00:19:56,770

And with every classification they can obtain, their prices are jobs.

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00:19:56,770 --> 00:20:09,320

So it's worth it for you to let a hardwood grow at your rate for 10 or 15 years if it means you go from a grade one salad to a one year long.

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00:20:09,320 --> 00:20:22,250

That's that's why the hardwoods grow as long as they do in our economic system, because they continue to garner value to the steel.

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00:20:22,250 --> 00:20:30,830

As time goes for longer than a pine tree. But we said eventually you get a product that's in decline.

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00:20:30,830 --> 00:20:38,100

The market is oversaturated or whatever, just not able to move it. It's not the hot thing with trees.

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00:20:38,100 --> 00:20:41,640

The trees over mature, they're starting to die off,

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00:20:41,640 --> 00:20:50,920

they're blowing over sea from a forest management standpoint you saw 80 years ago in that tree with that thing just blows over,

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00:20:50,920 --> 00:21:01,450

lays on the ground, you've lost that entire investment. If you went out for the chemical is centered around it to release it.

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00:21:01,450 --> 00:21:10,560

You know, there are all sorts of things that you could do to maximize the value of the tree, and you would lose that entire thing blows over.

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00:21:10,560 --> 00:21:13,530

So that's what we're facing right here.

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00:21:13,530 --> 00:21:21,570

All of the forests we have here at Pine Tree are, if they're not already in decline, they're right on that one.

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00:21:21,570 --> 00:21:29,610

And over the next 30 to 40 years, we're going to start seeing increased numbers of these mature oaks.

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00:21:29,610 --> 00:21:37,430

Either dying on the stump, blowing over is the root systems decay being attacked by insects like.

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00:21:37,430 --> 00:21:43,700

Nothing good is going to happen to those troops from here on.

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00:21:43,700 --> 00:21:53,010

They've already been as productive as they can possibly be in everything from here on is a loss of them.

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00:21:53,010 --> 00:22:03,900

Another thing is trees around lawns or school when we're talking about taking a shelter off of an acre of land.

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00:22:03,900 --> 00:22:11,580

We are not going in there and cutting down all the trees because the trees can be one inch tall or three foot tall.

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00:22:11,580 --> 00:22:15,420

We're 30 foot tall. We're a hundred and fifty feet tall.

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00:22:15,420 --> 00:22:18,270

What we are doing is we're harvesting law.

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00:22:18,270 --> 00:22:34,080

A law is a sort of when you when you take the cross section of that tree at the small way of that tree, draw a square where the corners touch before.

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00:22:34,080 --> 00:22:38,040

And that is your law when you shift this tree to the mill.

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00:22:38,040 --> 00:22:43,790

The first thing they do is they put it on a salt and they cut that slab off that

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00:22:43,790 --> 00:22:49,830

sort of let's level off and that's sort of weaving what's called mechanics.

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00:22:49,830 --> 00:22:55,890

And then they run that through a game store, which is a whole bunch of rotary saws space, however far apart,

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00:22:55,890 --> 00:23:02,970

that their product requirements demand and they will resist that whole square in the board.

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00:23:02,970 --> 00:23:06,390

It goes in one side looking like a chunk of wood that comes up.

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00:23:06,390 --> 00:23:13,560

The other side just falls apart like a “Bloomin’ Onion” at Outback Steakhouse. And those those boards didn't run together and they did stack.

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00:23:13,560 --> 00:23:18,190

And that's what you're paying outrageous prices for. Don't do that.

200

00:23:18,190 --> 00:23:30,170

A tree needs to be roughly 60 to 70 feet across to four and a half feet off the ground to have a cross section of one square placed.

201

00:23:30,170 --> 00:23:39,530

That's extremely important, because now we're talking about bodies, Larry King said on the Diamond.

202

00:23:39,530 --> 00:23:50,080

Oh yes, sorry, but that is what makes your money. I'm a florist like I spend all my time out to virtually no time doing this right?

203

00:23:50,080 --> 00:23:59,980

Of basically, it is a term that you, as your foresters, talk about a lot because it's how we compare things that shouldn't normally be the case.

204

00:23:59,980 --> 00:24:08,870

Oh, here we have a pine plantation where we have a model of the young hardwood floors, and here we have a model of an old growth.

205

00:24:08,870 --> 00:24:13,430

And so what you're looking at live in services. Imagine a square.

206

00:24:13,430 --> 00:24:16,130

Two hundred and eight foot by eight foot.

207

00:24:16,130 --> 00:24:25,190

And then somebody comes through with a laser and shoots and shaves everything off at four and a half foot across the ground.

208

00:24:25,190 --> 00:24:34,200

So when you're sitting there looking at this story, all you see are four and a half foot tall stones standing out across the floor.

209

00:24:34,200 --> 00:24:38,570

You look at what you're looking at from above and look down,

210

00:24:38,570 --> 00:24:44,180

and what you're going to see is you're going to see the cross section of all of those trees.

211

00:24:44,180 --> 00:24:51,080

They got sheared off by that legs. So like here, we have a point where you've got the regular space, you know,

212

00:24:51,080 --> 00:24:58,640

very mechanically pointed the department and those would all be trees, right?

213

00:24:58,640 --> 00:25:04,370

But we took the top of the tree job and you're Muslim as you look down on the song, that's what you're looking at.

214

00:25:04,370 --> 00:25:09,890

We got the same thing in the hardwood. Reports noted that the trees are more scattered out.

215

00:25:09,890 --> 00:25:18,020

Some of them are starting to double up bigger in size that most of them are still wrong and widely varied,

216

00:25:18,020 --> 00:25:26,970

you understand, and they hear an old growth forests where you have extremely large, mature trees scattered across.

217

00:25:26,970 --> 00:25:39,710

That's square. These are three completely different types of forest, but with basal area, we can talk about them, it's all the same.

218

00:25:39,710 --> 00:25:50,150

Every single one of these diagrams is the exact same number of squares colored in so many squares told me on this time point version.

219

00:25:50,150 --> 00:25:59,540

Is there of this old growth? Hard reports? Now, this is wildly not to scale, but this is what I'm talking about.

220

00:25:59,540 --> 00:26:05,550

If you do somebody say there's 90 square feet of basal area out there, forget this.

221

00:26:05,550 --> 00:26:09,970

And imagine a square acre where all of these tree stumps,

222

00:26:09,970 --> 00:26:19,180

all of this area occupied by would be extended into a single square square foot like 90 square foot space,

223

00:26:19,180 --> 00:26:26,530

where it would be 90 of these little squares for on two hundred and eight by two hundred and eight foot square.

224

00:26:26,530 --> 00:26:32,630

That's basically if we're talking about it like this, but all of these stands are basal area.

225

00:26:32,630 --> 00:26:44,470

You know, you might have a pine plantation that's 150 200 trees per acre and a hardwood on open hardwood floors only got 60 or 70 trees.

226

00:26:44,470 --> 00:26:48,400

But their base area can be exactly the same.

227

00:26:48,400 --> 00:26:58,990

And you can talk about it that. Sustainable forestry before I start this.

228

00:26:58,990 --> 00:27:07,360

Let me preface this by saying, but this is one of those dirt, dirt drawings that I was trying to recreate on a computer.

229

00:27:07,360 --> 00:27:16,060

I'm going to simulate a sustainable forestry operation as if you clear cut and then do supplemental planting behind it.

230

00:27:16,060 --> 00:27:21,280

This just gets the idea across. This is not what we're going to do here.

231

00:27:21,280 --> 00:27:29,720

Well, it is, but it's not exactly what we're going to do here and what it looks like this.

232

00:27:29,720 --> 00:27:43,170

So you're clear, cut your plan and then it's time for you to grow it up behind it and you can keep working your way through the woods.

233

00:27:43,170 --> 00:27:49,010

Pretty obvious, and it's 50 years from your initial from your initial harvest,

234

00:27:49,010 --> 00:27:56,090

this is mature so you can keep going with your harvests in the states which are behind it now that you've made

235

00:27:56,090 --> 00:28:02,990

your first pass is that you can go back and start over from those which are worse than the after 60 mature.

236

00:28:02,990 --> 00:28:06,380

Now you can go back to and you just keep working your way through it.

237

00:28:06,380 --> 00:28:07,880

Like this right here?

238

00:28:07,880 --> 00:28:19,610

The most important thing to take into account when you're looking at this, though, is that half of the forest is always going to be mature.

239

00:28:19,610 --> 00:28:25,010

But when we're talking about the shelter would regime that we have at Pine Tree,

240

00:28:25,010 --> 00:28:34,160

we've got eight thousand acres and at any point in time, 4000 acres, that's going to be mature of forest.

241

00:28:34,160 --> 00:28:42,240

And then the other half of the forest that we've got out here is going to be it's going to be diverse age classes, diverse habitat.

242

00:28:42,240 --> 00:28:50,510

You're going to have real clear and young forests, you're going to have teenage forces, you have forests in their early thirties.

243

00:28:50,510 --> 00:28:51,440

You know what I'm saying?

244

00:28:51,440 --> 00:29:03,530

Like, you're going to have a diversity of habitats and a diversity for wildlife, a diversity of tree sizes and openness in the understory.

245

00:29:03,530 --> 00:29:10,390

You know, it's the versus, you know, everybody what?

246

00:29:10,390 --> 00:29:13,480

So what is the ultimate Harvard statement?

247

00:29:13,480 --> 00:29:23,440

It's the two state system that resets the first successful stage back to first instance and attempts to ensure a

248

00:29:23,440 --> 00:29:31,000

high percentage of preferred courses are in the total population the first two seasons following the hardest.

249

00:29:31,000 --> 00:29:32,410

I know that sounds a little bit wordy,

250

00:29:32,410 --> 00:29:42,280

but we're going to come through and we're going to open the canopy of the forest floor as the oaks start coming back up.

251

00:29:42,280 --> 00:29:52,950

You don't go in and harvest until you've got enough folks there to generate the force as part of this first tree species class.

252

00:29:52,950 --> 00:29:58,680

A pine tree. This is going to be accomplished by removing all of the trees with poor form,

253

00:29:58,680 --> 00:30:06,300

with poor crowns and the trees that are undesirable species in the first stage homeowners.

254

00:30:06,300 --> 00:30:14,280

And we're trying to leave every square foot of basil area on the track and let real award winning laws.

255

00:30:14,280 --> 00:30:19,780

Our best genetics, the nicest phenotypes. We want them to drop their seat.

256

00:30:19,780 --> 00:30:30,990

We don't want some six inch stunted things that you know can barely manage to eke out one or two acorns a year repopulating the forest.

257

00:30:30,990 --> 00:30:38,610

We want a 24 inch oak monster that's not a crown that covers a square acre all by itself.

258

00:30:38,610 --> 00:30:43,050

We want that one. Drop it. See, that's what we want.

259

00:30:43,050 --> 00:30:48,360

So we go in, we cut out the crappy ones and leave the good ones, let the good ones re-seed

260

00:30:48,360 --> 00:30:54,480

And then once we have enough good seed on the ground coming up and regenerating,

261

00:30:54,480 --> 00:31:00,570

we take off the shelter so that that new crop is allowed to come up unhindered and regenerate.

262

00:31:00,570 --> 00:31:06,930

For us, this process takes four to six years on average.

263

00:31:06,930 --> 00:31:11,910

I can help, sir. Yeah. So we removed the entire shelter.

264

00:31:11,910 --> 00:31:17,010

So you got a single age or go back to work that was going back to work.

265

00:31:17,010 --> 00:31:20,640

What caused it? From a productivity standpoint, yes.

266

00:31:20,640 --> 00:31:27,580

But because we had wildlife considerations in here, that's not what we're going to do at Pine Tree.

267

00:31:27,580 --> 00:31:38,350

Like, how has a couple of harvesting regimes for removing the shelter that we're going to follow that don't just involve and taking the shelter off?

268

00:31:38,350 --> 00:31:45,960

And let me let me clarify. One thing that I don't want to do is just we had a few scattered trees.

269

00:31:45,960 --> 00:31:53,760

That's not a good thing. But like, if we are going to retain some of those, no shelter trees almost do it in plants and scattered.

270

00:31:53,760 --> 00:31:59,100

If you're asking for a lot lower down the amount of material, you can help them scatter.

271

00:31:59,100 --> 00:32:03,060

We'll still have some areas we can open up more leaves that regeneration.

272

00:32:03,060 --> 00:32:09,780

But what we're talking about is we will also have that component, which will have to keep some of it in that most consistent understory.

273

00:32:09,780 --> 00:32:16,010

You're going to have some mass producing areas as well. Yes. Yes.

274

00:32:16,010 --> 00:32:25,310

And that's a big adjustment or adjustment for the best management practices.

275

00:32:25,310 --> 00:32:30,740

This is an extremely important set of best management practices are designed

276

00:32:30,740 --> 00:32:38,310

to help control the flow of water across your track and prevent erosion of.

277

00:32:38,310 --> 00:32:46,120

We have utilized this change with practices on all of our timber sales that we've done.

278

00:32:46,120 --> 00:32:52,360

They were going to get examples of ministerial side management zones.

279

00:32:52,360 --> 00:32:58,570

I don't let people harvest inside of a buffer set from the center.

280

00:32:58,570 --> 00:33:01,270

So we've got to run it through ourselves.

281

00:33:01,270 --> 00:33:10,030

We'll go in and from the center we'll do fifty or seventy five feet from the center of the breach and draw a buffer.

282

00:33:10,030 --> 00:33:15,190

I'm OK. We can put the tops into the buffer, but they're not allowed to go into it.

283

00:33:15,190 --> 00:33:19,720

And I don't want to chop things into the tree and plug it my feet.

284

00:33:19,720 --> 00:33:22,600

It it's kind of a no go zone,

285

00:33:22,600 --> 00:33:36,980

and it's there specifically to protect the water quality in the forest and the riparian habitat and environment that line is.

286

00:33:36,980 --> 00:33:42,440

Another thing that's part of the story for your logging roads is your trails.

287

00:33:42,440 --> 00:33:45,800

This is a tree which you could see on this picture.

288

00:33:45,800 --> 00:33:55,610

This isn't a long shot, but you can see where the right hand light that repeated past work similar to suppress bruising to the pavement.

289

00:33:55,610 --> 00:33:59,000

I mean, I'm sure you've all seen that when you've been out for yourself like that,

290

00:33:59,000 --> 00:34:06,320

you know that that right hand lane, it's 10 miles a rough road compared to the left hand.

291

00:34:06,320 --> 00:34:14,420

And that's because of the weight of the troubles. You got nine thousand pounds crescent down, even on pain.

292

00:34:14,420 --> 00:34:21,380

They're going to press grooves. So imagine what they're going to do to a forest for a year.

293

00:34:21,380 --> 00:34:27,560

You have to take steps to make sure that your all roads.

294

00:34:27,560 --> 00:34:34,870

Don't have an outside statement. Sorry.

295

00:34:34,870 --> 00:34:46,130

Oh, but that's that's part of the bigger piece. We're trying to mitigate the amount of energy that is done just by truck over.

296

00:34:46,130 --> 00:34:59,040

And you can find at the Arkansas Department of Agriculture, Forestry Commission, that's a hopeful sorry.

297

00:34:59,040 --> 00:35:09,360

Typekit, so great. We're done with the definition. Anybody, anybody unclear about anything so far as I'm about to start crying all this together.

298

00:35:09,360 --> 00:35:24,190

So glad you did my talk. So this is a war is the northwest stand.

299

00:35:24,190 --> 00:35:34,410

I'm going to inventoried the entire station multiple times, but I went and took one of my inventory blocks from the scene and created a problem.

300

00:35:34,410 --> 00:35:40,050

So when I went out and I did my population bomber population center for the Forest,

301

00:35:40,050 --> 00:35:50,960

I found that this man has an average of 92 trees per acre and it's running between 100 and 100 times.

302

00:35:50,960 --> 00:36:01,110

And that's what we've got here. 92 squares are filled in two records in the trunk of the tree.

303

00:36:01,110 --> 00:36:07,440

The green represents the canopy coverage in this land.

304

00:36:07,440 --> 00:36:11,850

And then we've got five percent of the land.

305

00:36:11,850 --> 00:36:18,660

Is that where the sunlight is actually touching the forest for your next year?

306

00:36:18,660 --> 00:36:26,070

Again, this is wildly optimistic. So let's do our mental exercise that we talked about earlier.

307

00:36:26,070 --> 00:36:37,620

Let's compare this to this. We did all of the area occupied by the woody stems and group them into a single square.

308

00:36:37,620 --> 00:36:49,180

We take all of the area occupied by the canopy and we turn that into a single square and then we take all of the area occupied by opening the night.

309

00:36:49,180 --> 00:36:58,320

The five percent is that right there? That's the area available for our region so that if we did nothing at all,

310

00:36:58,320 --> 00:37:03,990

oaks which need a fair amount of sunlight to regenerate are only going to be

311

00:37:03,990 --> 00:37:12,330

able to regenerate and not very well in these white squares on this model.

312

00:37:12,330 --> 00:37:22,860

So that's where they are finally mature and all of these other oak trees die and then move into the next national stage.

313

00:37:22,860 --> 00:37:30,630

You're only going to have those very few patients and they are not going to reproduce.

314

00:37:30,630 --> 00:37:38,940

You are only going to have baby homes in these around these little locations right here so that when you're over,

315

00:37:38,940 --> 00:37:44,430

storage is replaced by those magnolia and the dog with all of the rest.

316

00:37:44,430 --> 00:37:52,110

And it's going to be that stuff. You don't care for recreation and you're always going to have maybe a tenth of the goats.

317

00:37:52,110 --> 00:37:58,380

And then when those oaks have matured, there's been nowhere for them to regenerate.

318

00:37:58,380 --> 00:38:07,710

And as they fall out of the sand, you move completely into what is a climax species where you've got shade tolerant

319

00:38:07,710 --> 00:38:14,760

trees growing under shade tolerant trees and then you don't have some of that.

320

00:38:14,760 --> 00:38:19,410

So that's that's kind of why this is important. So what are you going to do?

321

00:38:19,410 --> 00:38:29,520

We've talked about how we conduct a shelter at Pine Tree and we go through in the first cut, we remove pretty much the garbage trees,

322

00:38:29,520 --> 00:38:37,590

the ones that are all gnarled and have no top and no insects have an ax or even the butt up overnight.

323

00:38:37,590 --> 00:38:43,980

So us. We cut all of that stuff out. So I'm not going to bore you figure.

324

00:38:43,980 --> 00:38:51,270

About 55 60 percent of the trees come out of the stand in that first harvest.

325

00:38:51,270 --> 00:38:56,190

When we remove the jump, the jumps trees. That's what we got here.

326

00:38:56,190 --> 00:39:06,600

We've harvested from 100 square foot area to about 50 square foot, and you can see these are the trees that we cut down.

327

00:39:06,600 --> 00:39:16,410

So we took 60 percent of the trees, but only removed half of the restricted volume on that square acreage.

328

00:39:16,410 --> 00:39:22,290

More importantly, for the purpose of the shocking work, we took 60 percent of the troops,

329

00:39:22,290 --> 00:39:31,470

but we only removed about 25 percent of the canopy that's out there because we're taking the small trees,

330

00:39:31,470 --> 00:39:36,540

the junk trees, they're going up and they don't have much in the way it leaves off the bottom.

331

00:39:36,540 --> 00:39:40,830

They're not the ones that are up in mass.

332

00:39:40,830 --> 00:39:45,180

They are the ones shading out your 04 generation. But they're not.

333

00:39:45,180 --> 00:39:52,410

They're not the big shades of that's kind of why I go through at the bottom of this.

334

00:39:52,410 --> 00:39:58,830

We have all sorts of different charts and graphs you will see and what we know that at 50 square feet of basal area,

335

00:39:58,830 --> 00:40:04,380

we typically have about 70 percent of the canopy remaining.

336

00:40:04,380 --> 00:40:08,250

And like I said, it's because it's kind of small trees on the first pass.

337

00:40:08,250 --> 00:40:14,790

We're leaving the big trees so that now we can talk about this.

338

00:40:14,790 --> 00:40:26,490

This is what we got after our first pass on our shelter 80 square foot, seven percent canopy coverage resources that are available region.

339

00:40:26,490 --> 00:40:36,350

So. We had a model of what we have standing out there, turns into this model, still have troops,

340

00:40:36,350 --> 00:40:45,940

they still have their parents, but we had all this additional space to grow this.

341

00:40:45,940 --> 00:40:51,070

And not only you have all sorts of space for folks to generate.

342

00:40:51,070 --> 00:41:01,250

They've got this, they've got the amount of space where they're going to be able to come off without this blows over top of something of.

343

00:41:01,250 --> 00:41:14,330

You're going to be able to get us here, here, here, here, here in large numbers so that maybe she needs to side, perhaps to work.

344

00:41:14,330 --> 00:41:26,990

You still want to work across that square, so there's no sufficient that it will be able to generate controversy everywhere across.

345

00:41:26,990 --> 00:41:35,780

That's where the oath is being given a lease on life after we do that.

346

00:41:35,780 --> 00:41:39,770

I keep saying over and over and over again, the illustrations we've seen are not to scale.

347

00:41:39,770 --> 00:41:44,030

This is to say this really goes straight to the problems.

348

00:41:44,030 --> 00:41:52,640

We've got one hundred square foot reviews where you're it's two hundred eight point two hundred eight feet.

349

00:41:52,640 --> 00:42:04,370

One hundred square foot is a 10 by 10. I mean, it's it's an almost minuscule part of the overall area of the story.

350

00:42:04,370 --> 00:42:08,420

And the reason for it is because.

351

00:42:08,420 --> 00:42:19,160

Even an old friend put a cross when you're looking at two hundred eight feet and then three feet, it's just going to be a duck on a line.

352

00:42:19,160 --> 00:42:27,130

Well, I will say this right here is the same. That's because each one of those squares is one hundred square feet of Beijing.

353

00:42:27,130 --> 00:42:39,740

You're getting those diagrams. No, we're not in group of trees up there, just feet, paintings that you couldn't see scaled back if I didn't do that.

354

00:42:39,740 --> 00:42:48,920

So this is what we're here. We've got a 95 percent of being held up by this small amount of wood right here.

355

00:42:48,920 --> 00:42:56,540

And when we come here and we cut it out, we've still got all of this space and shade it up.

356

00:42:56,540 --> 00:43:08,000

And that's area where we keep the oaks. However, we've gone from five percent to what we consider your kitchen entanglements.

357

00:43:08,000 --> 00:43:17,180

But the real issue is definitely going to change that Trump might be to put across that community up top wouldn't fit in this room.

358

00:43:17,180 --> 00:43:21,520

It'd be 80 80 feet across. Like there's a poster right over there.

359

00:43:21,520 --> 00:43:29,910

It's about three, three and a half foot diameter, and the crown on them from edge to edge is 70 feet.

360

00:43:29,910 --> 00:43:35,900

You know, I mean, the canopy, the amount of trees when you say that it's generated,

361

00:43:35,900 --> 00:43:41,540

this is a real problem that we have when it comes to reaching, you know?

362

00:43:41,540 --> 00:43:46,040

So what might this look like now?

363

00:43:46,040 --> 00:43:53,720

We had started harvesting, according to a plan, in 2014 2016.

364

00:43:53,720 --> 00:43:59,120

So the first couple of years, just for convenience sake.

365

00:43:59,120 --> 00:44:04,010

I'm just going to fill in what we had planned prior. All right.

366

00:44:04,010 --> 00:44:10,250

So you're one year, two and three years for your plan.

367

00:44:10,250 --> 00:44:15,410

That was the plan that we had when we first started working on your proposal.

368

00:44:15,410 --> 00:44:23,060

And now you come here to do your first pass and you take out your junk and start letting this regenerate.

369

00:44:23,060 --> 00:44:32,420

And then five years later, when you get this one harvested in your states, it's time to take the sugar off of that first thing.

370

00:44:32,420 --> 00:44:42,350

And it's five years. You've got your own regeneration coming up and the trees that you're leaving out in the forest are going to start branching out.

371

00:44:42,350 --> 00:44:47,600

So that may be where some more of that's something we call the epic movement retreat,

372

00:44:47,600 --> 00:44:55,100

and it starts to degrade the bounty system because they can do like if you have a really nice great one.

373

00:44:55,100 --> 00:45:01,070

So log in and clear out everything around it. You just walk away from it, come back in 15 years.

374

00:45:01,070 --> 00:45:05,690

That thing is going to have branches growing out of that real nice fall on your head

375

00:45:05,690 --> 00:45:11,690

because that is trying to get like anything at all about how much would you want to do it?

376

00:45:11,690 --> 00:45:23,690

So we come through and take your shoulder off, starting your service, move your shoulder, your seven, eight nine, you're 10.

377

00:45:23,690 --> 00:45:32,060

Now you've gone through the whole thing in a two years and when we cut five hundred acres out of eight.

378

00:45:32,060 --> 00:45:35,840

Now again, this is just hypothetical. I'm not saying this is what we're going to do.

379

00:45:35,840 --> 00:45:37,730

This is just what could happen.

380

00:45:37,730 --> 00:45:52,310

So the year 11 year 12, 13, 14, 15, we go through and do another 100 acres and then start hitting the 16 and cover the shelters on those six.

381

00:45:52,310 --> 00:45:58,370

And then you pick another five blocks and you do those five ones like that right there.

382

00:45:58,370 --> 00:46:04,160

And then five years later, you come back and data shows like the most fun was.

383

00:46:04,160 --> 00:46:11,340

And they do another five one two, three, four five, and they could be centered, they all have to be right next to each other.

384

00:46:11,340 --> 00:46:14,010

We can do some at the top of the next year, sort of the bottom.

385

00:46:14,010 --> 00:46:19,710

Some of we've seen some progress, but we're 40 years out at the end of this simulation,

386

00:46:19,710 --> 00:46:28,650

40 years, and we've only managed just one quarter of the land forcibly into the pine tree.

387

00:46:28,650 --> 00:46:39,090

At this rate, it's going to take us one hundred and sixty years to get through all of the forest that's here.

388

00:46:39,090 --> 00:46:42,070

And we're standing by.

389

00:46:42,070 --> 00:46:55,320

Yeah, so I I guess what I want to know is right now, how many acres per year are yall projecting. 100. that's just one of the few.

390

00:46:55,320 --> 00:47:02,340

Yeah, that's right. And keep in mind, that's that's the plan.

391

00:47:02,340 --> 00:47:08,160

There's a hundred acres a year. But that's open to change.

392

00:47:08,160 --> 00:47:18,540

Like ten years from now, they could get a scientist down there at Monticello who has nothing but a burning passion for botany and hardwood research.

393

00:47:18,540 --> 00:47:25,410

And he might need to cut 300 acres so that he can have enough room for replication in research trials.

394

00:47:25,410 --> 00:47:26,340

You know what I'm saying?

395

00:47:26,340 --> 00:47:35,520

Or you get twenty five years out and some genius in a medical lab somewhere discovers that some small rodent that only lives in Arkansas,

396

00:47:35,520 --> 00:47:41,880

Bottomley and Hardwoods, has the cure for cancer that's alive and it becomes a crime against humanity.

397

00:47:41,880 --> 00:47:50,220

Anything and all timber harvesting sounds like it's impossible for me to project jet way out the future.

398

00:47:50,220 --> 00:47:59,380

I'm just saying, What are you? Well, as of right now, this plan that I got up in the jumping on the.

399

00:47:59,380 --> 00:48:07,630

How long is it good for? I mean, or the rim of the body, any person?

400

00:48:07,630 --> 00:48:12,460

That's one of the reasons we want to be the worst. That's one of the reasons we wanted that plan.

401

00:48:12,460 --> 00:48:22,420

Yes. Is it a permanent plan? And that was one of the things that state parks are so far, arguably one of the things that we felt like.

402

00:48:22,420 --> 00:48:31,150

This is a good place just for that right there, making sure that when I'm working on other things, when you think of things,

403

00:48:31,150 --> 00:48:39,340

making sure there's something there that's going to guide us in the future and hopefully we will make that happen.

404

00:48:39,340 --> 00:48:41,560

But you could change six months or a year.

405

00:48:41,560 --> 00:48:49,840

And if we get input more far from you guys, just think you might look just a little differently in this section of it?

406

00:48:49,840 --> 00:48:58,000

It can be all I would like to point out that you have already changed it since this was planned for, and this has been the plan since 2014.

407

00:48:58,000 --> 00:49:01,840

But it's a 300 year, 100 acres a year.

408

00:49:01,840 --> 00:49:06,520

Is this a realistic goal? I'll get into it in just a minute.

409

00:49:06,520 --> 00:49:12,560

Got that? Yeah, but we're we're 40 years out.

410

00:49:12,560 --> 00:49:17,290

We've only cut. We've only been through one quarter of the timber that's available for us to go.

411

00:49:17,290 --> 00:49:22,180

We're going to take a one hundred and sixty years at this rate to go through the whole thing.

412

00:49:22,180 --> 00:49:32,050

And our biggest issue is going to be some of these standards that we're not going to go in and cut for another hundred years aren't going to be okay.

413

00:49:32,050 --> 00:49:39,820

And by the time we get to, those folks are already in over mature stage of a tree's lifecycle.

414

00:49:39,820 --> 00:49:45,400

They're starting to blow down, they're starting to fall apart, they're starting to die of internal mortality in a hundred years.

415

00:49:45,400 --> 00:49:49,780

They're going to be replaced by shade tolerant tree species.

416

00:49:49,780 --> 00:49:59,260

And our machine is going to be, how do we harvest this and bring folks back when there's no oak at all?

417

00:49:59,260 --> 00:50:06,850

You know, now we can go in and shelter wood and we can let the existing oaks recede and continue carrying your genetics forward.

418

00:50:06,850 --> 00:50:13,180

But when those oaks are gone and all we have left are Magnolia Beach and Dogwood and Persimmon,

419

00:50:13,180 --> 00:50:19,600

how are we going to bring oaks back into those stands 100 years from now?

420

00:50:19,600 --> 00:50:27,010

Yeah. The reality is the harvest plan is for a pure forest standpoint, should be more aggressive than what we're doing.

421

00:50:27,010 --> 00:50:31,300

We should be cutting twice. We're doing this for every one percent.

422

00:50:31,300 --> 00:50:37,450

There is anything we can do is between our current owners.

423

00:50:37,450 --> 00:50:43,290

But the other side of this reality, if we try to get over it, we're not going to get out.

424

00:50:43,290 --> 00:50:51,800

You just don't have enough fire and harvest that of those things because really, we have to do it.

425

00:50:51,800 --> 00:50:56,170

Yeah. Yeah, yeah, yeah. That makes me a target man.

426

00:50:56,170 --> 00:51:00,720

So you're worried about as soon as this meeting is over, this plan just goes in the garbage, right?

427

00:51:00,720 --> 00:51:06,670

No, no, no. But I know tonight we're not, but we're not able to do that.

428

00:51:06,670 --> 00:51:14,480

So I'll help with this. And it can't because we don't have enough time.

429

00:51:14,480 --> 00:51:21,970

But even if we wanted to come through with this whole place up, we couldn't do it because we don't have the time.

430

00:51:21,970 --> 00:51:26,440

We don't have the manpower, the equipment or the market for it.

431

00:51:26,440 --> 00:51:35,410

I mean, in market, it's literally impossible for us to cut as aggressively as you think we're going to cut out.

432

00:51:35,410 --> 00:51:40,630

You didn't play well, but it works as well. Let's see what I'm saying.

433

00:51:40,630 --> 00:51:49,120

Like, we can't put this place on like the physical limitations of working prohibited.

434

00:51:49,120 --> 00:51:58,390

Honest to God, OK? Knowing about this past management, like I was telling when I when I moved out here,

435

00:51:58,390 --> 00:52:04,210

I moved from Michigan and we did uneven age management in Michigan because it was mostly maple.

436

00:52:04,210 --> 00:52:10,930

So when I was, you know, I learned how to do forestry before I would go out into the woods and I would want just this one tree here.

437

00:52:10,930 --> 00:52:14,620

And then we'll come over here and we'll get this one the size of a broomstick and

438

00:52:14,620 --> 00:52:19,760

we'll go over here to get this one the size of a pipe and you could do that and work.

439

00:52:19,760 --> 00:52:26,380

When I moved down here, I brought that with me and I said, Why don't we try uneven management?

440

00:52:26,380 --> 00:52:32,180

This forest expanse? And Powell laughed at me. I was stupid and I said, Well, let's try it.

441

00:52:32,180 --> 00:52:34,570

And so we tested natural problems.

442

00:52:34,570 --> 00:52:44,170

I didn't trust working, so we built a 300 acre sale where I hate fruit, and it did variable harvests like literally,

443

00:52:44,170 --> 00:52:52,870

I got the whole from Oslo Tsai's huge factors, which is, you know, cut in small trees and big trees one at a time.

444

00:52:52,870 --> 00:52:59,060

We got clear cut. We got a shelter woods of it. And once we tried all of these different harvest methods.

445

00:52:59,060 --> 00:53:04,970

We're going to sit for three years and then went into which one did the best ever generating our oaks.

446

00:53:04,970 --> 00:53:10,550

And it was the shelter one. I mean, honest to God, I didn't believe this stuff when I first moved down here,

447

00:53:10,550 --> 00:53:17,180

and I'm a believer now because I've done thousands of acres of it since then and seen it work.

448

00:53:17,180 --> 00:53:24,740

You know, I'm like the Apostle Paul. I'm a cop. Let me follow up again, and I said this earlier.

449

00:53:24,740 --> 00:53:33,620

The shelter wood what we have found in the research that we already have found is that we have the force that is really old.

450

00:53:33,620 --> 00:53:37,370

That's where that shelter would at most powerful if not applicable.

451

00:53:37,370 --> 00:53:43,560

In every situation, I want to make sure we're not playing little, everything right.

452

00:53:43,560 --> 00:53:48,350

You need that condition where that is happening.

453

00:53:48,350 --> 00:53:55,760

Yes. When we're when you remember that the sustainable forestry diagram I had, for instance, the blocks marching across it.

454

00:53:55,760 --> 00:54:04,740

Well, you can see you're going to we're going to be entering those stands to go for their future.

455

00:54:04,740 --> 00:54:10,250

Sure, we're going to be selecting our really bad phenotypes.

456

00:54:10,250 --> 00:54:14,480

We're going to be selecting for crop trees and see traits in those.

457

00:54:14,480 --> 00:54:18,440

But it's going to be like 40 or 50 years from now before that changes.

458

00:54:18,440 --> 00:54:23,540

But we're not going to just go in and let the forest come back willy nilly out of

459

00:54:23,540 --> 00:54:29,660

control when it starts coming back and we start getting trees that we can manage.

460

00:54:29,660 --> 00:54:33,950

We're going to start managing smaller trees to produce a better rate.

461

00:54:33,950 --> 00:54:40,660

And once we get these plants regenerated, there's a whole host of things we could do in there.

462

00:54:40,660 --> 00:54:48,920

And if we could manage for specific goals about that, if we wanted to manage water, we could do that.

463

00:54:48,920 --> 00:54:56,840

We weren't before we could do that. And so the first thing we have to do, the very first line that's put up,

464

00:54:56,840 --> 00:55:05,510

we have to keep in mind if we don't have the healthy forest resources in place, we don't get the point to do all of them.

465

00:55:05,510 --> 00:55:10,980

Right? I mean, it's basically like we've got to manage the plant.

466

00:55:10,980 --> 00:55:17,000

We've done shelter woods on 90 percent of the land up at Batesville,

467

00:55:17,000 --> 00:55:23,120

but we've got 120 acres from the forties where they used to do research on a herd of goats,

468

00:55:23,120 --> 00:55:28,880

and they got four for 40 that laid out and ill that were goat pastures.

469

00:55:28,880 --> 00:55:32,830

And then in the mid-1970s, everybody was like, Hey, goats.

470

00:55:32,830 --> 00:55:36,950

And so they got rid of all the goats and then just walked away from the pasture.

471

00:55:36,950 --> 00:55:51,610

And today, you know, 40 to 45 years later, Kyle and I are just now starting to manage that forest that's come in for trees in the future.

472

00:55:51,610 --> 00:55:57,050

Like right now, it's populated extremely heavily with a bunch of pole sized red oaks.

473

00:55:57,050 --> 00:56:02,600

And then the ground is shaded out by a blanket of cedars underneath.

474

00:56:02,600 --> 00:56:07,700

And our chances there isn't a shelter with this, and it's to remove the cedar.

475

00:56:07,700 --> 00:56:15,110

And then once we get the cedar removed, we're going to start picking and choosing the best trees, the best red oaks out there.

476

00:56:15,110 --> 00:56:18,320

And those are going to make the cut and continue forward.

477

00:56:18,320 --> 00:56:25,340

Whereas the ones that have poor form for crowns are riddled with disease and insects, those are coming out.

478

00:56:25,340 --> 00:56:31,910

So that as time goes forward, the stand quality improves.

479

00:56:31,910 --> 00:56:38,140

And by the time it's it's officially mature, which I think is going to be about one hundred and twenty years,

480

00:56:38,140 --> 00:56:41,370

you know, you are going to have a fringe state.

481

00:56:41,370 --> 00:56:51,540

And now I might have two hundred poles out there right now, but 50, 60 years from now, we're going to have that whittled down to just 50 or 60,

482

00:56:51,540 --> 00:56:59,210

but they're going to be shifts just given what was the revenue from this timber sale going and what are you going to be put back into financially?

483

00:56:59,210 --> 00:57:08,660

I don't know. That's not my topic. We have to talk with it. Let me say this real quick on that point.

484

00:57:08,660 --> 00:57:16,670

The point is, for some level, we're not administrator following what the order of the people mount that they go back in the problem.

485

00:57:16,670 --> 00:57:26,210

And I'd rather, Mr. Chairman, well, with Chuck comes out, he can as well probably what I'm going to do anyway.

486

00:57:26,210 --> 00:57:33,080

So I was told we were told from the experiment station side and not heard jokes like,

487

00:57:33,080 --> 00:57:39,020

say that there's a fund set up that the revenue is that will tell you you don't say exactly here.

488

00:57:39,020 --> 00:57:49,340

But it's not saying while the 10 percent is the money going to another state and going somewhere else outside of the forestry don't.

489

00:57:49,340 --> 00:57:54,740

That's obviously it's going to go outside and it's going to go not well, that's that.

490

00:57:54,740 --> 00:58:08,920

I mean, let me ask this question by. Could this change, you know, if it took a hundred thousand dollars, is it going straight up to that?

491

00:58:08,920 --> 00:58:15,940

No, no, no. I know I can explain it now. I wrote the checks now every time you hear the question.

492

00:58:15,940 --> 00:58:19,750

I did. But what was the question?

493

00:58:19,750 --> 00:58:26,710

Is the man who is saying, we're going to go to the grocery store, John?

494

00:58:26,710 --> 00:58:33,550

No, initially way back, we were actually going to the theater sales.

495

00:58:33,550 --> 00:58:39,210

And then I got past the front of the property.

496

00:58:39,210 --> 00:58:50,700

We hope to generate about one hundred and fifty thousand in here that would be allowed back into our hotel management initiatives, including hiring,

497

00:58:50,700 --> 00:58:57,360

hopefully some personnel and we need a whole lot more than that for the we're

498

00:58:57,360 --> 00:59:08,910

going to have to do something else because we have to satisfy that by 2024. So now we have segregated our sales super sales.

499

00:59:08,910 --> 00:59:15,900

We currently have about one hundred and fifty four thousand that we have segregated that only came from sales.

500

00:59:15,900 --> 00:59:26,160

We go back to our or we're not going to change because we have been fortunate enough to be going after our globalized world.

501

00:59:26,160 --> 00:59:37,650

Now, George, is it all the same? Let me just say a couple of other countries in places that we see a need, we need a man that's not free.

502

00:59:37,650 --> 00:59:41,640

And so we have to do something about and we're going to do that song. Good.

503

00:59:41,640 --> 00:59:46,930

We're going to supplemental plan later. That would be a far cry from the other side.

504

00:59:46,930 --> 00:59:52,200

That's a big reason. The Irish cost is a really nice burden.

505

00:59:52,200 --> 00:59:56,640

Is very expensive. Burdens ridiculous. But we burn. It virtually cost a lot.

506

00:59:56,640 --> 01:00:02,050

We've already pretty much got commitment from native fish that already help us with our panel,

507

01:00:02,050 --> 01:00:09,140

and they're going to help us with some of the burning or.

508

01:00:09,140 --> 01:00:13,640

They're sitting there, so it's just 50 dollars an acre when you burn it,

509

01:00:13,640 --> 01:00:21,260

though it's expensive to have all, and a new contract for equity issue would be, in my view.

510

01:00:21,260 --> 01:00:29,110

We are the target because we have an extinction going on till the end of March.

511

01:00:29,110 --> 01:00:48,170

That's what we are working on beyond the long term plan, depending on how much money follows their respective long term plan or treatment.

512

01:00:48,170 --> 01:00:56,250

But you're saying, are we going to have an agreement? Continue to push?

513

01:00:56,250 --> 01:01:06,150

We'll work with him where we're wanting to talk about things like management approach, so it is always successful.

514

01:01:06,150 --> 01:01:11,340

We talk about one day there on NEWSNIGHT.

515

01:01:11,340 --> 01:01:18,850

So would you like to see those kind of things?

516

01:01:18,850 --> 01:01:29,340

And this is just a matter of sometimes.

517

01:01:29,340 --> 01:01:37,260

I'm not sure Carmen referred to our father, former. Understand you, partner with George W. in five oaks.

518

01:01:37,260 --> 01:01:42,290

So what is that about? You got forestors

519

01:01:42,290 --> 01:01:49,500

Will you do that? What is qualification or necessity of of the.

520

01:01:49,500 --> 01:01:55,200

Well, there is a relationship and a George doctrine in the fog of translation.

521

01:01:55,200 --> 01:02:01,320

They've set up an internship program, they've got a center there for grad students.

522

01:02:01,320 --> 01:02:07,470

They pay for the internship. Doug Osborne has the program a out on.

523

01:02:07,470 --> 01:02:19,740

His students are getting to take advantage of that, like donating money to the university, but they really don't have an event that they don't have.

524

01:02:19,740 --> 01:02:25,560

You don't know what the little is not connected with, but kind of a way it.

525

01:02:25,560 --> 01:02:31,230

Let me ask you something and this if we wanted to replicate.

526

01:02:31,230 --> 01:02:37,140

So Dr. Horne has a substantial grant that we work on on.

527

01:02:37,140 --> 01:02:50,760

If there's something that this American research and lots of things, we could do something here but still be totally different from what George is.

528

01:02:50,760 --> 01:02:56,430

Fantastic. Hugely supportive. But is it's a benefit.

529

01:02:56,430 --> 01:03:04,410

But we're to more new versions of so many folks are just on their minds.

530

01:03:04,410 --> 01:03:12,300

Yeah. And then you've got an separate party, each putting his money and your father's membership money behind it.

531

01:03:12,300 --> 01:03:19,680

And we're finding these various student internships as part of an educational program.

532

01:03:19,680 --> 01:03:25,020

Know it's very honest. It's quite hard.

533

01:03:25,020 --> 01:03:35,390

I don't know if it'll make you know, OK? So there was, I think, original buyer that local purchase.

534

01:03:35,390 --> 01:03:43,920

They they offered one million dollars for research, but I never saw anywhere where it where that one million dollars went to research was.

535

01:03:43,920 --> 01:03:53,040

It saw what we had hoped to do is that we have established an endowment to help support Bogost work,

536

01:03:53,040 --> 01:04:05,870

that there is a donor, a national donor who has a similar waterfowl wetlands conservation management endowment,

537

01:04:05,870 --> 01:04:17,760

which has provided two one three one matches for this particular donor at Mississippi State,

538

01:04:17,760 --> 01:04:27,300

Clemson, Wisconsin state of Iowa, Colorado State, where some of the major flyway.

539

01:04:27,300 --> 01:04:34,200

So we were trying to establish one of those endowments also that would support his work.

540

01:04:34,200 --> 01:04:38,400

And also read about a bridge trying to get the additional.

541

01:04:38,400 --> 01:04:44,690

I get into this and that was the point.

542

01:04:44,690 --> 01:04:56,840

It was not local farms. It wasn't a gift because it was tied to the sale so that it wasn't there wasn't a donated in China.

543

01:04:56,840 --> 01:05:05,540

But it was conditional on the sale and we were going to invest that money in the endowment and support that.

544

01:05:05,540 --> 01:05:12,950

So well, I say, you know, whoever wins. Wildlife biologist and Forest Resources Center.

545

01:05:12,950 --> 01:05:19,790

So we're excited about this. Well, it with the money going into a state account.

546

01:05:19,790 --> 01:05:27,550

OK, then we would contract with the U.N. Foundation to manage the funds.

547

01:05:27,550 --> 01:05:35,440

But it wouldn't be any differently if we were contracting with harvest or some other investment house to manage farm,

548

01:05:35,440 --> 01:05:46,550

the funds would reside where we are with respect in our vision, the accounts.

549

01:05:46,550 --> 01:05:53,510

What percentage of the funds from the timber harvest will stay here, Pine Tree Station?

550

01:05:53,510 --> 01:06:06,830

I guess it depends on the word, but assuming that two thirds of our forested lands are here to find rain.

551

01:06:06,830 --> 01:06:19,630

I mean, we'd be supporting the work of Mike Kyle and those guys, and I would imagine that a large percentage of it would be right here.

552

01:06:19,630 --> 01:06:28,890

I understand some of it would be in a if if it worked out into a forest technician so that the weather cost.

553

01:06:28,890 --> 01:06:40,130

That's that's unusual in this state. But I know, well, one time I would approach 100 or more workers, specifically your hands.

554

01:06:40,130 --> 01:06:46,710

It was always meeting Morris's team, but he'd be on station here.

555

01:06:46,710 --> 01:06:57,000

This station maintaining the force will include food trucks, maintaining roads inside plants and stuff like that.

556

01:06:57,000 --> 01:07:06,090

A lot of habits work. Kids are going to be one or that's going to die and I don't think it's supposed to get that job.

557

01:07:06,090 --> 01:07:15,090

But at the same token, if there was work that was being done at baseball or subway or home and it generated any of the sales,

558

01:07:15,090 --> 01:07:19,680

it's not saying that some of it couldn't be spent or invested here.

559

01:07:19,680 --> 01:07:23,740

It's a total program, and that's why we gave you all the total plan.

560

01:07:23,740 --> 01:07:29,850

So the job cuts that we have, it's transparent. Most some of that's going to change the report of what they were saying.

561

01:07:29,850 --> 01:07:33,930

We've added some elements in there with the wildlife component, but let me say this well,

562

01:07:33,930 --> 01:07:38,760

that was the original one, the other the other stations produced rather.

563

01:07:38,760 --> 01:07:44,340

This isn't the only revenue producer they. We've done quite a bit of harvesting.

564

01:07:44,340 --> 01:07:50,270

There's been very little money invested in the research. So there's there's a forest resource at all.

565

01:07:50,270 --> 01:07:56,820

So this much is substantially larger. So what a great resource would you go down here?

566

01:07:56,820 --> 01:08:04,270

Hello. I can see some of that money put back into program. I mean, here's the only thing to do is send it my way.

567

01:08:04,270 --> 01:08:08,030

This is what our intention is. This is not a one off.

568

01:08:08,030 --> 01:08:15,890

We didn't actually really just feed you much today as we implement elements of the plan.

569

01:08:15,890 --> 01:08:21,820

We would like to have a simple job before we do it. So the challenges seem to be ideology.

570

01:08:21,820 --> 01:08:29,000

You're looking at our implementation of our overall work obligations and our stuff that's publicly available.

571

01:08:29,000 --> 01:08:35,400

You can I ask what we're doing with and we would be obligated to share it with.

572

01:08:35,400 --> 01:08:39,980

What we're trying to do is be proactive. Just put it out there front of you.

573

01:08:39,980 --> 01:08:49,810

First. Invite the hard questions, and we realize their deterrence factor that we're going to have to rebuild your trust.

574

01:08:49,810 --> 01:08:57,170

Well, that's what I've been doing the right thing. I'm invested in this nation.

575

01:08:57,170 --> 01:09:01,670

It's literally my life's work. I've been here since I walked out of Congress.

576

01:09:01,670 --> 01:09:08,990

So while this may well just sound like we're starting something we're not, we certainly don't mean to disrespect your career anything.

577

01:09:08,990 --> 01:09:16,730

But if you've been here 18 years and you have the second creep that has expanded and we've lost temporal net creep.

578

01:09:16,730 --> 01:09:22,640

So that's the lack of, I guess, attention is focused on the fact that it's not a lack of attention,

579

01:09:22,640 --> 01:09:29,300

it's a lack of action that really occurred in the night of that year.

580

01:09:29,300 --> 01:09:36,620

But I think it's a little bit different. And we had a great day for holding it for eight years.

581

01:09:36,620 --> 01:09:43,300

And now that reason, we're told we could expand it. Yeah, well, this is two thousand five.

582

01:09:43,300 --> 01:09:50,270

All right. What else should we? I come here in 94.

583

01:09:50,270 --> 01:09:56,360

We got a larger staff. We had some. We had a personal staff to dynamite.

584

01:09:56,360 --> 01:10:06,010

So if we do, you know, why not do it? We kept it down to below ground, and that's what we've done in the winter and we kept water flowing.

585

01:10:06,010 --> 01:10:09,950

Right now, we're one year 2001, and that's what you're referring to.

586

01:10:09,950 --> 01:10:21,920

I think that we could not, without fear, incrimination of whatever mistake on the lies the largest producing record of the year.

587

01:10:21,920 --> 01:10:28,320

And I remember this day he told me he was mad because that's an issue we need to fix.

588

01:10:28,320 --> 01:10:33,920

And we knew the issue 20 years down the road. So many said to your staff.

589

01:10:33,920 --> 01:10:42,510

He said they gave me a stack of papers. The first sentence was basically, that's a phony pardon application for federal perjury.

590

01:10:42,510 --> 01:10:48,290

It was perjury going pretty recently, actually.

591

01:10:48,290 --> 01:10:53,070

So yeah, we went and tried trap. But you know, you can travel better.

592

01:10:53,070 --> 01:11:02,810

But the heart still work. That's what it was now. We hired people that we hired some guys to come in and draft and probably move it out.

593

01:11:02,810 --> 01:11:08,750

Good, but it's it's hard to find people now that you don't blame back.

594

01:11:08,750 --> 01:11:14,660

That's that's not them. That's on me. Roger retired after flying, so that's a decision.

595

01:11:14,660 --> 01:11:22,290

I made the administration that I will say this and I'm not putting words in my mouth.

596

01:11:22,290 --> 01:11:23,790

We've got administration up there on Fayetteville

597

01:11:23,790 --> 01:11:33,630

That’s more connected to this station, the more connected to all the stations.

598

01:11:33,630 --> 01:11:45,800

And you know what I'm talking about? And Dr. Meullenet is the director, and we're now actively trapping beaver through Mike

599

01:11:45,800 --> 01:11:51,290

So that's connected with USDA APHIS they're trapping here on First Street.

600

01:11:51,290 --> 01:11:58,430

And we have not, you know, second creek. I don't know, is it a loss or not?

It’s a wetlands, but what can you do with that?

601

01:11:58,430 --> 01:12:06,900

That's a whole different (inaudible) here can. So, you know, that's what the plan is to regenerate.

602

01:12:06,900 --> 01:12:16,350

And that's one of the things that do that.

CUNINGHAM: So that's so that’s my area ...

603

01:12:16,350 --> 01:12:22,550

CLARK: So whether that's all gone up, that's what I will say.

604

01:12:22,550 --> 01:12:26,630

CULVER: Probably the management wasn't that we didn't have the scale.

605

01:12:26,630 --> 01:12:36,710

It was maybe the ability to find and talk about J.F Meullenet; J.F. Meullenet is director of the Ag Experiment Station.

606

01:12:36,710 --> 01:12:40,940

We have a director of Cooperative Extension, we have a director of Ag Experiment Station.

607

01:12:40,940 --> 01:12:50,030

J.F. is the one who hired Mike, and so we need to have a forester over all of the forests.

608

01:12:50,030 --> 01:12:55,720

And we already had expertise (at the) experiment station and the experiment station and the cooperative extension

609

01:12:55,720 --> 01:13:01,490

We needed to have somebody. So they went out and got the best they had when he was right there at Batesville.

610

01:13:01,490 --> 01:13:09,650

Once we hired it was J.F. who was the one that said that we needed to keep our forest

611

01:13:09,650 --> 01:13:16,880

timber sales monies into a segregated account to reinvest in our forests and initiatives.

612

01:13:16,880 --> 01:13:23,030

I give him a high amount of credit as far as getting, and I'm an interim.

613

01:13:23,030 --> 01:13:27,530

I don't know how long that I'm going to be in. Hopefully not too long.

614

01:13:27,530 --> 01:13:33,560

I do get it; I’m from Helena-West Helena. I told you my sister is up in Hughes.

615

01:13:33,560 --> 01:13:41,480

She and her husband farm up there. My grandfather had a gun shop in Newport until he passed away in 1987.

616

01:13:41,480 --> 01:13:46,880

So I know this area. My sister taught in Forrest city schools for years.

617

01:13:46,880 --> 01:13:53,600

She taught in Hughes, in Mariana and this is my area of the state too.

618

01:13:53,600 --> 01:14:06,620

And I understand and I understand the passion, but we all rode for the brand, and we're not here to criticize any past decisions that were made.

619

01:14:06,620 --> 01:14:10,850

But this is a new time. People spoke. We heard it.

620

01:14:10,850 --> 01:14:13,370

We're trying to do the right thing. We're doing the right thing.

621

01:14:13,370 --> 01:14:18,770

Within the expertise that we had to do as long as we own the property and as long as we own the property we’re going to be responsible for it.

622

01:14:18,770 --> 01:14:20,540

We're going to be responsible.

623

01:14:20,540 --> 01:14:29,300

And now we're trying to find the best way to do that and find a way to fund it and to let these guys do what they do best.

624

01:14:29,300 --> 01:14:33,860

They have been hamstrung. We will admit it. We did a poor job.

625

01:14:33,860 --> 01:14:39,920

I went public with that, in fact, representative in Jonesboro.

626

01:14:39,920 --> 01:14:44,990

I told the joint committee House and Senate I did.

627

01:14:44,990 --> 01:14:53,870

Representing the division of ag a poor job. But we can learn too.

628

01:14:53,870 --> 01:15:05,170

That's why we (inaudible). And we want your feedback, and we're going to keep you all engaged as in which we willing to be engaged.

629

01:15:05,170 --> 01:15:09,830

All. I'm just I've laid it all out there.

630

01:15:09,830 --> 01:15:20,900

One thing about our funding. We're not a degree granting institution, we don't have any students, so we don't have any tuition.

631

01:15:20,900 --> 01:15:25,700

Everything that we have, everything that we eat, we have to kill.

632

01:15:25,700 --> 01:15:28,970

70 percent of our funding comes from appropriated funds.

633

01:15:28,970 --> 01:15:36,860

Our largest investor state of Arkansas, and we are blessed by the percentage of funding that we get from the state.

634

01:15:36,860 --> 01:15:42,580

So give the members of the General Assembly a pat on the back.

AUDIENCE: You mean the taxpayers.

635

01:15:42,580 --> 01:15:49,230

CULVER: Yes, that's exactly what I meant.

636

01:15:49,230 --> 01:15:56,990

As representative Hollowell would have corrected if he had a chance. So we get between state and federal government?

637

01:15:56,990 --> 01:16:00,230

70 percent is annually appropriated funds.

638

01:16:00,230 --> 01:16:11,600

The rest of the money that we get come from gifts, contracts, sales, grants and of the monies that came in from sales.

639

01:16:11,600 --> 01:16:22,460

We get some sales from plants, animals and our timber used to get all those were co-mingled because we needed it.

640

01:16:22,460 --> 01:16:28,010

We don't have a lot of extra funding, as you can imagine.

641

01:16:28,010 --> 01:16:36,990

We're mostly people. Most of our money is going into salaries, so.

642

01:16:36,990 --> 01:16:43,710

What J.F said was we've got to do better on the forest management side. we did a poor job,

643

01:16:43,710 --> 01:16:48,360

we're going to segregate those funds and we're going to make sure that they're invested.

644

01:16:48,360 --> 01:16:55,820

We might end up putting more money in, but at least we know that the sale proceeds from timber, which aren’t going to be great.

645

01:16:55,820 --> 01:16:58,140

I mean, we're not talking about a lot of acres

646

01:16:58,140 --> 01:17:03,750

You're not going to see a situation where you're going to see a thousand acres cut because we needed the funding.

647

01:17:03,750 --> 01:17:12,250

And this building here is here because we cut timber here at Pine Tree and invested in this building.

648

01:17:12,250 --> 01:17:16,170

But you're not going to see that going forward.

649

01:17:16,170 --> 01:17:28,610

I mean, you heard their plan and their plan we put out there because it's our plan and the division and it's adjustable with Game and Fish, Forestry Commission.

650

01:17:28,610 --> 01:17:34,110

You, that's what they were saying and they gave them feedback.

651

01:17:34,110 --> 01:17:38,370

So it's dynamic. We also talked about it's not set in stone.

652

01:17:38,370 --> 01:17:44,670

We can come back and revisit the plans, but we're not going to change our commitment.

653

01:17:44,670 --> 01:17:49,620

We might change some of the implementation based on better based off better info.

654

01:17:49,620 --> 01:17:58,590

And I give Mike, Kyle, and Shawn a world of credit and education.

655

01:17:58,590 --> 01:18:06,220

The patience they have with people like me kind of brings it (inaudible)

656

01:18:06,220 --> 01:18:14,920

Shawn gave me a six-hour tour. He took me on every skid trail over Pine Tree.

657

01:18:14,920 --> 01:18:21,820

Before that, I've been in this building and ride out the drive and I actually got to see it.

658

01:18:21,820 --> 01:18:33,970

And I do qualify as a forester now. These guys are really good and we're just we're just letting them off the porch.

659

01:18:33,970 --> 01:18:47,320

They've been chained up for two months. I have my card is here and I'm a public servant and it's got my cell phone on it too.

660

01:18:47,320 --> 01:18:54,250

so I can get my card if you have anything in particular and you just want to reach out to me.

661

01:18:54,250 --> 01:18:59,850

I'm always accessible. These guys, too.

662

01:18:59,850 --> 01:19:07,190

CUNNINGHAM: I don't. They changed my email and my contact information so I don't have my card ready but gave you my card.

663

01:19:07,190 --> 01:19:15,110

So but I'm in our Little Rock state office. And if you want my email contact, you can contact Shawn.

664

01:19:15,110 --> 01:19:23,570

He's got a fantastic business card right now, so I'm not.

665

01:19:23,570 --> 01:19:31,850

hard to find. Mike’s a little harder to find but (inaudible)

666

01:19:31,850 --> 01:19:39,690

CULVER: Before you speak … they've got some videos out that I thought were outstanding on your YouTube videos or whatever that are.

667

01:19:39,690 --> 01:19:44,630

CUNNINGHAM: We did a hardwoods video with principals or something.

668

01:19:44,630 --> 01:19:50,450

We did an upland of hardwood virtual tours during the COVID pandemic in our research station in Batesville,

669

01:19:50,450 --> 01:19:55,070

and the link is actually the link is actually a couple of different links in there.

670

01:19:55,070 --> 01:20:06,950

And Mike and I are the actors and McGOWAN: Sorry. It’s kind of ugly. CUNNINGHAM: but they are exceptional videos. Our communications, Mary Hightower back here, made us look really good,

671

01:20:06,950 --> 01:20:15,280

HIGHTOWER: No actual actors were harmed in the making of this video.

672

01:20:15,280 --> 01:20:19,070

CULVER: Take a look …

CUNNINGHAM: there’s some good stuff I there.

673

01:20:19,070 --> 01:20:28,220

We walk through shelter wood what we're thinning, not just the product, but keep the project we keep referring to in there.

674

01:20:28,220 --> 01:20:38,770

And so we try to take it out to the public. (low audibility)

675

01:20:38,770 --> 01:20:46,520

You get a part of it. (low audibility) And I would like to stress again, like we,

676

01:20:46,520 --> 01:20:56,000

McGOWAN: I’d like to share again, the work we’ve done in Batesville was voted the best in the state by just about every professional in the state.

677

01:20:56,000 --> 01:20:59,930

We’re not up here shooting bull at you

678

01:20:59,930 --> 01:21:04,550

I mean, we're gonna have. Real credentials behind this.

679

01:21:04,550 --> 01:21:08,810

CUNNINGHAM: I will say as much as not learn anything.

680

01:21:08,810 --> 01:21:16,320

I appreciate that Mike. I always learn more. But then the words are different (inaudible)

681

01:21:16,320 --> 01:21:22,090

CLARK: We're going to say is that we’re kind of getting sidetracked. You’ve got a question?

682

01:21:22,090 --> 01:21:35,630

AUDIENCE: Yeah, I got a question in in in your management plan, it talks about y’all are gonna partner with a wildlife biologists.

683

01:21:35,630 --> 01:21:39,160

Yeah, yeah. Have you already started doing that?

684

01:21:39,160 --> 01:21:46,250

CUNNINGHAM: Yes, they’re already part of it.

Doug Osborn, when I thought about that, he’s the one I'm talking about.

685

01:21:46,250 --> 01:21:53,980

And so he might have research on a few people and put on with me and said, Wait a minute, you might want to slow down.

686

01:21:53,980 --> 01:22:01,330

Other than that,

CULVER: he impacted the plan. CUNNINGHAM: And so and the other side and I believe Rob at Game and Fish,

687

01:22:01,330 --> 01:22:06,300

So we'll have input. We've already had really great. They should be thinking fast.

688

01:22:06,300 --> 01:22:12,670

And so you what do you think about this, that we should be try to be as (inaudible) possible and we’re not (inaudible)

689

01:22:12,670 --> 01:22:20,570

McGOWAN: I have a slide on here, about our demonstration our wildlife demonstration area

690

01:22:20,570 --> 01:22:26,150

We're hoping to have (Inaudible).

691

01:22:26,150 --> 01:22:30,530

This is just two more past this one …

CUNNINGHAM: one of those three we were in the past... McGOWAN: That's our demonstration for you.

692

01:22:30,530 --> 01:22:39,370

Go. And then it just cycles through.

CLARK: Want to turn the lights back on?

693

01:22:39,370 --> 01:22:50,130

McGOWAN: I mean, this is like we have a planned wildlife demonstration here and Kyle even talked about the beaver restoration that you've got on First Creek.

694

01:22:50,130 --> 01:22:56,600

You know, we are. The beaver restoration that we’ve got going on in First Creek,

695

01:22:56,600 --> 01:23:04,070

Now we plan on subdividing that and then looking at different vegetation regimes along the creek, riparian buffers even

696

01:23:04,070 --> 01:23:11,990

you know, some water loving oaks, some non-water loving oaks species

697

01:23:11,990 --> 01:23:22,130

You put it in there, know we'll look at planning distance from the center, the critical point right up there.

698

01:23:22,130 --> 01:23:26,750

But we've got research that we want to do along First Creek.

699

01:23:26,750 --> 01:23:33,500

We have an established pine plantation already that provides its own habitat.

700

01:23:33,500 --> 01:23:39,380

It's a mixture of mature hardwood stand where we're going to look at doing some lawn mowing harvests.

701

01:23:39,380 --> 01:23:45,170

We have a pond with an existing wetland ecosystem.

702

01:23:45,170 --> 01:23:51,740

We've got a mature, mature that we've got a growing plantation to that habitat.

703

01:23:51,740 --> 01:23:56,420

And this might get produced for this couple of years of trying to figure out how we can grow

704

01:23:56,420 --> 01:24:04,790

a field full of native pollinators and construct insect cabins so that the native bees.

705

01:24:04,790 --> 01:24:10,310

But there's a there's a lot of wildlife research that we've got.

706

01:24:10,310 --> 01:24:15,110

Percolating in the background, that just hasn't gotten to the point where.

707

01:24:15,110 --> 01:24:23,150

It's being visible out there. You know, it's look like you can drive by and see that the creep is a little similar to what we're expected.

708

01:24:23,150 --> 01:24:29,420

But you know, you can't see the rest of it. It's just not where the project can trigger that point.

709

01:24:29,420 --> 01:24:34,340

But you know, we had plans for while, but it's not.

710

01:24:34,340 --> 01:24:40,460

We're not just timber. We've been thinking about this stuff, so in my case, literally 10 years.

711

01:24:40,460 --> 01:24:48,450

You know, trying to figure out how we can bring wildlife research and wildlife and restrictions to this station.

712

01:24:48,450 --> 01:24:52,380

You know. Sorry, yes.

713

01:24:52,380 --> 01:24:56,390

If you're if you're had enough, let me know.

714

01:24:56,390 --> 01:25:01,070

I do have some photos of the day that if you want to see those two.

715

01:25:01,070 --> 01:25:05,260

I'm not scared to go to the field because it will here me.

716

01:25:05,260 --> 01:25:15,950

Yes, I said, I will see you all later. Oh my goodness, junior, you have a different areas, so it's not obvious.

717

01:25:15,950 --> 01:25:21,300

Yes. Yes, we are. We're going to get locked into the first three or five years ago.

718

01:25:21,300 --> 01:25:30,980

We got an overall plan, and that was one of the things about American culture that was quite an eye opener.

719

01:25:30,980 --> 01:25:37,320

You sit there and show the same problems at all. Somebody would go mad and leave.

720

01:25:37,320 --> 01:25:41,480

Yeah. Well, I think we are boxed in all. We can't.

721

01:25:41,480 --> 01:25:45,410

We will have oh, we can't. And I wanted to have two crews.

722

01:25:45,410 --> 01:25:47,990

I wanted to have one work in the south, one work in the north,

723

01:25:47,990 --> 01:25:55,090

but everybody was working it because it's so aggressive that we were scared we'd be stepping on toes.

724

01:25:55,090 --> 01:26:04,050

I mean, that's, you know, we need to harvest about two hundred acres a year to get through everything before we start losing.

725

01:26:04,050 --> 01:26:09,090

Start losing the auto component out of the over story in one period of time,

726

01:26:09,090 --> 01:26:18,270

we're just not capable of it, but we almost do need to do it to save that one hundred acres of peace.

727

01:26:18,270 --> 01:26:29,610

But I mean, we try to be girlfriends or football, or there might be a worse value in the whole record player.

728

01:26:29,610 --> 01:26:36,880

Yeah, on our main. I mean, you don't want more people who don't.

729

01:26:36,880 --> 01:26:46,910

So you can take such care. But at the same time, at the same time, it's not just about naked, though, isn't that right?

730

01:26:46,910 --> 01:26:57,430

Yes, yes. And and we have talked about just how we do the final thing of maintaining some of it.

731

01:26:57,430 --> 01:27:05,110

But we are also limited by the equipment in the water. What kind of longer is it going to come through and just cut five acres to preserve?

732

01:27:05,110 --> 01:27:09,330

They've got to have enough room to work. You know, fold.

733

01:27:09,330 --> 01:27:17,160

If you're look at forming while you may look around, there's a lot of rock.

734

01:27:17,160 --> 01:27:25,510

Now here's the issue we run into Earth, which is not that the system is built on foot.

735

01:27:25,510 --> 01:27:37,700

Oh yeah, you so. Yeah, but that's part of the first part, and we don't have the volume where they're going to do something with your battery.

736

01:27:37,700 --> 01:27:49,420

Yeah, I know I have pretty good managers think we know just could or.

737

01:27:49,420 --> 01:27:55,690

But it's going to be a happy medium between good and safer in management, for the record, what happened,

738

01:27:55,690 --> 01:28:03,580

that's what we're looking at and what happened there and and and then they run in there.

739

01:28:03,580 --> 01:28:05,630

They're going to they don't want to.

740

01:28:05,630 --> 01:28:16,090

And and andbut the reality is, if we want the whole regeneration in there, we can't just go through there and figure out how to get a little there.

741

01:28:16,090 --> 01:28:24,880

And that's that's kind of what I want to get out here. On if we physically expand and new markets, we're not going to see the results.

742

01:28:24,880 --> 01:28:36,970

We're looking at the playoffs. But we're going to be going back to winning and we can't avoid it.

743

01:28:36,970 --> 01:28:41,620

They reassured me of that because that was the question I asked them.

744

01:28:41,620 --> 01:28:48,160

I don't like that. I I'm very weak. So they said that was negotiable.

745

01:28:48,160 --> 01:28:52,430

The visual is so cold here. Do Jim.

746

01:28:52,430 --> 01:29:04,870

I'm not the one who's had a little bit of a scattering of commentary about the promotion back a little faster if we leave 20 acres of it.

747

01:29:04,870 --> 01:29:16,600

I know they've got a little Myriad's going on there, that of this whole system that might grab a microphone or a cigaret.

748

01:29:16,600 --> 01:29:23,170

Burns got some right. And what you're doing? Very good.

749

01:29:23,170 --> 01:29:33,010

And we all understand what our big thing here is that right now we're not going to do this.

750

01:29:33,010 --> 01:29:38,110

We're not going to do it like that. It's not going well.

751

01:29:38,110 --> 01:29:43,030

I agree with you. That's our point. We're trying to accommodate that. It's not going to happen.

752

01:29:43,030 --> 01:29:52,310

We would like we we can have to get every longer this side of this side of the state in here at the same time,

753

01:29:52,310 --> 01:29:58,690

but it's not going to happen like they do this fighting over who could be plus their log trucks.

754

01:29:58,690 --> 01:30:09,520

It just never, never. It is impossible for us to cut that much here in a short amount of time that we have.

755

01:30:09,520 --> 01:30:16,510

You already hired a ever harvesting crew or that we don't hire and we build out of it.

756

01:30:16,510 --> 01:30:29,650

It was a bid, and then we put the the operations on the hold and we put it on hold until we had this board management plan,

757

01:30:29,650 --> 01:30:41,380

we said, came and told the General Assembly that we would take it public and we would present it to y'all.

758

01:30:41,380 --> 01:30:53,900

Yes, I had every year made Henry at a desert like that for the first ninety three acres or whatever.

759

01:30:53,900 --> 01:30:57,580

Yeah, let me say the only shelter with food from Orlando Man,

760

01:30:57,580 --> 01:31:07,360

or if it wants to motorbikes a grant from the government right there in America for wildlife or if they need to of the,

761

01:31:07,360 --> 01:31:09,280

I think that be important to them.

762

01:31:09,280 --> 01:31:19,180

And then one of the things we have learned from the shelter is we go in and do that initial prep, cut and remove a lot of films out there.

763

01:31:19,180 --> 01:31:28,780

We come back and do that removal of wood. We're seeing sometimes $10 a ton of more revenue on that final harvest because it's all great.

764

01:31:28,780 --> 01:31:35,890

, the state average $10 more than the state well, or that they're not safe.

765

01:31:35,890 --> 01:31:43,900

But the reality is you're in freedom. So in reality, it's from a revenue standpoint.

766

01:31:43,900 --> 01:31:48,220

It's better than going in with it because you're not talking about a huge amount.

767

01:31:48,220 --> 01:31:53,320

If somebody really want to go into of from a business standpoint,

768

01:31:53,320 --> 01:32:02,830

there's educational opportunities that it's not just us losing revenue, it's making sure we get that information aligned on that.

769

01:32:02,830 --> 01:32:09,980

And that's one of the things we learned about we. Thirty five, do a quick study.

770

01:32:09,980 --> 01:32:15,920

Yeah. Oh, you're not to hear the music over the here.

771

01:32:15,920 --> 01:32:26,550

This is just two days ago and before you see the theory that the burned a couple of years ago, they're still the same here.

772

01:32:26,550 --> 01:32:33,320

But here's a couple of snacks, weird whether they're actually right across the road from the shuffle.

773

01:32:33,320 --> 01:32:44,570

There's also smack a couple of the we say We're going to leave you dead trees, native wildlife, especially if talking about birds.

774

01:32:44,570 --> 01:32:51,260

And that's one of the ways of making sure that of got.

775

01:32:51,260 --> 01:33:02,930

Look at this. This one of the first locations that drops down to an area that isn't near Fort Sill have no clue what it is.

776

01:33:02,930 --> 01:33:21,170

And so have to look for a them and say this is a territory for a fire and opens up about this.

777

01:33:21,170 --> 01:33:35,300

But there are some that this is literally right off the road where our current and former officials really want the proof of that.

778

01:33:35,300 --> 01:33:44,930

So that would be an area to do that. This is the fear of all that revolt really under its sign everywhere, both in there.

779

01:33:44,930 --> 01:33:49,250

Dana Fish has had a trapping program out here. I don't know if they're still doing it.

780

01:33:49,250 --> 01:33:57,590

They're still trapped, still trapped in. We have been working on the film for a whole task force.

781

01:33:57,590 --> 01:34:06,150

They're looking at coming over, maybe doing something, but they've got to be careful of not getting the fish that was trapped in their way.

782

01:34:06,150 --> 01:34:10,130

And we're looking for that.

783

01:34:10,130 --> 01:34:18,620

She's actually looking into some drone technology or even thermal imagery price target where the public knows what she wants.

784

01:34:18,620 --> 01:34:30,620

But this is the current job with this really slide show and probably most well, about five foot pole.

785

01:34:30,620 --> 01:34:40,540

And here's here's another statement. There's nothing. There's nothing, there's nothing at all in the background and this is inside or something.

786

01:34:40,540 --> 01:34:46,850

This is a very small area there. But if you look through the checkerboard, you see where it's not beautiful.

787

01:34:46,850 --> 01:34:59,690

We have a variation of density in there, and this is what we refer to the thickness if you can help the people out, but it is not a.

788

01:34:59,690 --> 01:35:05,720

And so this is what looks like what you can see this right here is why we're doing the job.

789

01:35:05,720 --> 01:35:13,580

And when we talk about leaving another story home, we might take this block back here at all and leave that part of it.

790

01:35:13,580 --> 01:35:17,900

But you have this component of regeneration come up and you make something that's on there.

791

01:35:17,900 --> 01:35:23,300

And some of that there and some of the other preference is really to release that to be forested.

792

01:35:23,300 --> 01:35:29,500

And let's get that right. And so here we're going to have both what out?

793

01:35:29,500 --> 01:35:36,130

That's what it looks like after the. And this was done seven years ago.

794

01:35:36,130 --> 01:35:43,890

It's like the hole at the bar. Now the first report? Oh yes, that was my first.

795

01:35:43,890 --> 01:35:59,740

Thank you very rarely see the Oprah generation appeared on their small and that show who would be the market, but I think that's correct.

796

01:35:59,740 --> 01:36:07,230

But we've also these large crowds that necessarily have to great one wall.

797

01:36:07,230 --> 01:36:12,360

But I want a large crowd to stay on. Give me some ideas and giving it some light that I'm looking for.

798

01:36:12,360 --> 01:36:19,650

We need some shade from the street. The genetics? Yeah, you want to capture, you know, you want to capture good genetics.

799

01:36:19,650 --> 01:36:27,630

But one of the things working with Orchard Division is really strong oak tree and it doesn't necessarily transfer.

800

01:36:27,630 --> 01:36:33,270

One plant have been buried in a lot of environment rather than the industry in the fall.

801

01:36:33,270 --> 01:36:37,610

So we don't worry about the genetics and the decrease time in there.

802

01:36:37,610 --> 01:36:46,050

So what I'm getting at is if I had a tree to follow that wildlife tree, but it's not a species we want to manage or have a family.

803

01:36:46,050 --> 01:36:54,620

You don't have to be very involved. All right.

804

01:36:54,620 --> 01:37:00,180

That's pretty much what you had just from the other day we walked through.

805

01:37:00,180 --> 01:37:12,810

We were going to walk through and visit that. Once again, one thing I'll say is anytime you want to walk through. I'd be glad to.

806

01:37:12,810 --> 01:37:19,770

But we have to know exactly me.

807

01:37:19,770 --> 01:37:27,990

Oh, OK. Which I got two more questions, we're here.

808

01:37:27,990 --> 01:37:33,930

But it's not, so you've heard you can count on my vote.

809

01:37:33,930 --> 01:37:41,190

Sorry, now if you are interested in our group now here in business, if you want to counted,

810

01:37:41,190 --> 01:37:45,090

I know you're all have an interest in know this station pretty well.

811

01:37:45,090 --> 01:37:50,340

But you know, some of these folks are, you know, getting harder and harder than before.

812

01:37:50,340 --> 01:37:55,350

So if you are interested in the future endeavors, come up and feature every so often.

813

01:37:55,350 --> 01:38:01,640

If you want to reconvene to ask what I want. I have questions or I can only have Sam.

814

01:38:01,640 --> 01:38:09,240

In all seriousness, this is to be transferred to interested.

815

01:38:09,240 --> 01:38:13,160

Let me know how you don't not actually know the interest.

816

01:38:13,160 --> 01:38:18,930

That's what we want. We're going to form a committee and this is what I was hoping this would be.

817

01:38:18,930 --> 01:38:21,660

But going forward, that's what we're going to.

818

01:38:21,660 --> 01:38:33,610

So I'm not saying next week, I'm talking about Bill Weekly, say you're not in any way spoke very loudly.

819

01:38:33,610 --> 01:38:38,980

No, no, no. I got a call.

820

01:38:38,980 --> 01:38:45,030

Oh, you've got to raise property for a while back and see it all you have building

821

01:38:45,030 --> 01:38:49,810

and to turn around and leave everything and property and get new experiences,

822

01:38:49,810 --> 01:38:57,450

AUDIENCE: do you believe? Remain open to the public in perpetuity? CULVER: I have no problems.

823

01:38:57,450 --> 01:39:04,170

The good news for you all is the people spoke and you've got a (inaudible, talked over by audience)

824

01:39:04,170 --> 01:39:08,490

But I have no problems with that.

825

01:39:08,490 --> 01:39:18,690

OK. Now, if you're asking me, it was I at variance with administration at the time.

826

01:39:18,690 --> 01:39:24,720

I'm just saying we rode for the brand. AUDIENCE: Right. You don't want the House bill.

827

01:39:24,720 --> 01:39:28,410

That's the one with the testimony.

828

01:39:28,410 --> 01:39:34,740

You gave testimony there. CULVER: I did what I did. AUDIENCE: So , uh, (inaudible)

829

01:39:34,740 --> 01:39:43,920

Now another question, I guess, House Bill 447 … 546, I think?

SECOND VOICE: eighty two.

830

01:39:43,920 --> 01:39:54,090

AUDIENCE: I think lobby for that. So you just get 16 and a half million dollars. And I know that I have the governor signed it. Where we process now?

831

01:39:54,090 --> 01:39:58,440

CULVER: I think senators; representatives are still working on that.

832

01:39:58,440 --> 01:40:09,600

And in fact, I know they have conversations on that today, but that is above my pay grade.

833

01:40:09,600 --> 01:40:17,460

So the Board of Trustees and President Bobbitt are directly involved in those negotiations

834

01:40:17,460 --> 01:40:22,020

AUDIENCE: Do they plan to release the property into a public agency some point in the future, with that deal?

835

01:40:22,020 --> 01:40:29,790

CULVER: they'll release the property for a public AUDIENCE: into a public agency?

OTHER VOICES, indistinct

836

01:40:29,790 --> 01:40:37,110

CULVER: Oh yeah, yeah. I mean, that would be that would definitely be our preference.

837

01:40:37,110 --> 01:40:50,280

AUDIENCE: OK.

CULVER: And yes, it would be a whole lot easier for a public agency than it would be for a nonprofit.

838

01:40:50,280 --> 01:41:00,210

Just from the standpoint of what is required to getting a waiver statute.

839

01:41:00,210 --> 01:41:04,290

So it would be easier for us with the public agency, no question.

AUDIENCE, OK. Alright.

840

01:41:04,290 --> 01:41:14,550

AUDIENCE: I think that will help in the room as well for oh, for a lot of people about keeping it open to the public.

841

01:41:14,550 --> 01:41:16,980

Obviously, that would be a big concern.

842

01:41:16,980 --> 01:41:25,740

CULVER: Well, and we're obviously reading 582 as well, everything that we're doing, we're doing,

843

01:41:25,740 --> 01:41:36,720

we understand that that they acreage that was not under cultivation in 2020 is open for hunting,

844

01:41:36,720 --> 01:41:44,970

fishing, bird watching, hiking might be a couple of other activities in there as well.

845

01:41:44,970 --> 01:41:56,880

So. Yeah, that's the active estate. The people spoke.

846

01:41:56,880 --> 01:42:05,040

CLARK: Any more questions?

847

01:42:05,040 --> 01:42:18,750

Well, if not, I seriously, I do appreciate everybody's time, especially the ones I invited to make the committee for taking time out today on this dreary December day,

848

01:42:18,750 --> 01:42:23,640

so appreciate the fact you come out and I hope you’re leaving here

849

01:42:23,640 --> 01:42:34,080

Not only full from a good meal with meal, but more important, I hope we filled you with some more information that need a little bit better understanding.

850

01:42:34,080 --> 01:42:39,840

AUDIENCE: Well, thank you very much.

CLARK: But all sincerity now,

851

01:42:39,840 --> 01:42:44,580

Now he's offering up his card, but everybody knows where we're at here.

852

01:42:44,580 --> 01:42:51,500

I know where we're at. Feel free to come to the station and call me, I can get you in touch if you can't get ahold of folks.

853

01:42:51,500 --> 01:42:58,140

You know, if you've got questions or concerns, right, you know, if I can't answer them, I'll try to run down someone who can.

854

01:42:58,140 --> 01:43:03,840

I don't know what else to tell you

855

01:43:03,840 --> 01:43:12,610

but we are sincere as we can be about these meetings and being transparent, going forward

856

01:43:12,610 --> 01:43:25,390

Then I'll be telling you in the future and decide whether you want to participate or not and w can go from there.

857

01:43:25,390 --> 01:43:43,070

Thank you very much!