Public Meeting In Re: Yazoo Backwater Meeting

Army Corps Meeting - (9 AM)

May 5, 2023

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US ARMY CORPS OF ENGINEERS VICKSBURG DISTRICT

PUBLIC MEETING ON YAZOO BACKWATER WATER MANAGEMENT

Public meeting held at the USACE office, 4155 Clay Street, Vicksburg, Mississippi, on Friday, May 5th, 2023, beginning at 9:00 a.m.

APPEARANCES NOTED HEREIN

REPORTED BY:

ELLA J. HARDWICK, CVR-M, CCR #1749

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                         APPEARANCES
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 3
     Honorable Roger Wicker, U.S. Senator
    Honorable Cindy Hyde-Smith, U.S. Senator
 4
 5
     Colonel Christopher Klein, Commander, Vicksburg
         District Commander, US Army Corps of Engineers
 6
     Mike Connor, Assistant Secretary of the Army
 7
         (Civil Works)
 8
     Jeaneanne Gettle, Deputy Regional Administrator,
         EPA Region 4
 9
     Matt Strickler, Deputy Assistant Secretary for
10
         Fish and Wildlife and Parks, US Department of
         the Interior
11
     Stacey Jensen, Acting Deputy Assistant Secretary,
12
         Office of Assistant Secretary of the Army
13
     Jacob Brister, Programs and Project Management
         Division Deputy Chief, USACE Vicksburg District
14
     Brian Frazer, Director, Office of Wetlands, Oceans
         and Watersheds
15
16
     Clay Miller, US Environmental Protection Agency
17
     James Austin, US Fish and Wildlife Service
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     Various Members of Governmental Agencies
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1	COL. KLEIN: So welcome back, folks,
2	to the Vicksburg District. Again, it's
3	our honor to be able to host these public
4	sessions, welcoming back our federal
5	family this morning, our two Senators from
6	Mississippi, as well. Welcome back to
7	this Vicksburg District, sir, ma'am.
8	So a couple of admin things. First
9	off, on your seat, you'll see there are
10	some comment cards. As you go through
11	this, the technical team is going to be
12	asking you to write down your comments, or
13	you can also come up and publicly testify.
14	With those comment cards is a brown
15	box. It's right next to the door that you
16	came in. Please drop those off there on
17	your way out.
18	Second order of business, fire alarm
19	goes off, it is a true fire. So please
20	exit from whence you came, out towards the
21	flagpoles. This is where look left, look
22	right, please, because that's the person
23	I'm going to ask you to keep
24	accountability of.
25	If that person is not outside at the

1	time of the fire, and you don't see them
2	at the flagpole, please let me know so we
3	can let the local authorities know that
4	there might still be people in the
5	building.
6	All right. Last order of business is
7	the bathrooms. There is a set of
8	bathrooms out that back door, back
9	hallway, out to the right. So at the
10	hallway, hang a right, and it'll be in
11	this front left corner, male and female.
12	If you're on this side of the room,
13	probably best to go out that door in the
14	rear and then keep walking down the
15	hallway to the back left, And there are
16	male and female back there, as well as a
17	place to fill up any water bottles and
18	water fountains should you need them.
19	Without further ado, I think that's
20	all the admin for today. Sir, turn it
21	over to you.
22	MR. CONNOR: Colonel Klein, as
23	always, thank you very much for the
24	hospitality and for the clear
25	instructions, as the Army always does.

1	So, Senators, let me first by
2	starting acknowledging your presence
3	here yesterday, which is different than
4	yesterday. So we have a run of show where
5	I did some introductory comments.
6	Jeaneanne and Matt from EPA and DOI did
7	some introductory comments.
8	But I will engage you on how you would
9	like to participate. I can go through, we
10	can do our introductory comments so you
11	can kind of hear us how we try and
12	table-set before the technical
13	presentation that's coming, or I can just
14	defer to you all right now. We appreciate
15	your attendance.
16	SENATOR HYDE-SMITH: We can be brief.
17	How about that? That's kind of a laughing
18	thing of a politician to be brief.
19	But just glad to be here. Thankful
20	for everybody involved, and the entities
21	that have worked together here. It's a
22	long time coming, and so we're very
23	optimistic. But we'll turn it over. And
24	just appreciate all of our federal
25	families that was just referred to working

1	together in a partnership. This is truly
2	what this is about. Thank you.
3	SENATOR WICKER: And, yes. Thank
4	you, Senator Hyde-Smith, and I certainly
5	will also try to be brief.
6	Mr. Secretary, you are no stranger to
7	the south Delta at this point, and we're
8	sorry that we have the problems that we
9	have, but we are so appreciative that you
10	and your team and the federal team have
11	been willing to come down and listen to us
12	and take the pulse of the people and come
13	up with a solution.
14	What we have seen rolled out yesterday
15	and what we'll be discussing today is a
16	culmination of actually years and years of
17	work and decades and decades of
18	frustration.
19	But over the last several months, a
20	team of people from FEMA, from the
21	Environmental Protection Agency, and from
22	the Corps of Engineers, and also the White
23	House leadership on the environment, have
24	worked together as a team, acknowledging a
25	problem that we've had and coming up with

1	a solution that not only benefits the
2	people of Mississippi and the economy of
3	Mississippi, but also is a major plus for
4	the ecology and environment of our state.
5	It is a win-win-win all around. And
6	so, I would join Senator Hyde-Smith in
7	expressing my appreciation and saying how
8	excited we are that this project is about
9	to move forward. We've had good solutions
10	in the past, I think. This is a better
11	solution than has ever been proposed.
12	And, Mr. Secretary, we are grateful
13	from the bottoms of our hearts. Thank
14	you, sir.
15	MR. CONNOR: Thank you very much. I
16	appreciate that. And as you feel the need
17	as we move forward with the program,
18	please feel free to interject at any point
19	in time.
20	With that, I will start, as I usually
21	start, on the third session of a
22	multi-session event. We had two public
23	engagements yesterday. I apologize to
24	those who have heard this setup before,
25	because it's going to be pretty much the

1	same as yesterday.
2	But I do also want to continue to give
3	the gold star attendance to Peter Nimrod,
4	who has made every session that I've ever
5	been at on the Yazoo backwater pumps.
6	So thank you very much for joining us
7	here. We are here to roll out the
8	preliminary findings in the joint
9	preferred approach to address the flooding
10	issues in the Yazoo backwater basin.
11	This is a return engagement from the
12	meetings we had back in February, two days
13	of full meetings, public meetings,
14	stakeholder groups that we pulled
15	together. And at that point in time, I
16	explained that, in January, after lots of
17	discussions amongst the agencies at the
18	urging of the Mississippi delegation, my
19	counterpart at the Environmental
20	Protection Agency, Assistant Administrator
21	Radhika Fox for Water she's the
22	Assistant Administrator for Water and I
23	signed a collaborative MOU, which was
24	intended to lay out a path of how we could
25	work through issues that had long been in

1	contention with respect to the project
2	that was intended to address the Yazoo
3	backwater flooding issues.
4	And we laid out a timeframe, that we
5	would work through those issues and that
6	we would come up with preliminary
7	findings, a preliminary preferred
8	approach, which is why we're here today,
9	and then ultimately a final plan as a
10	preferred approach that we would do at the
11	end of June.
12	And we are still on target, based on a
13	lot of great work by our respective teams.
14	And I should note that we have Matt
15	Strickler here from the Department of the
16	Interior, and that signifies that it's not
17	just about EPA and Army. The Interior has
18	a role. They have facilities, structures
19	within the area as, of course, does the US
20	Forest Service, but they also have a
21	regulatory role here that we had to be
22	cognizant of as we were putting together
23	this plan.
24	Let me just say the meetings that we
25	had back in February were very

1	informative. I had to interrupt somebody
2	yesterday as we were getting to very
3	technical aspects of the plan and just
4	say, my God, this is the most
5	well-informed group of folks who get into
6	the details, the science, and the
7	technical aspects.
8	And that was true back in February
9	when we just were taking general
10	engagement information at that point in
11	time. What came through, in addition to
12	the substantive input, was obviously the
13	very urgent need and the issues that
14	people had faced over time with the
15	multiple flooding events exacerbated in
16	2019.
17	But they also gave us input on the
18	path forward. I should say "you," because
19	I see a lot of folks who were there and
20	participated in those meetings. So that
21	was very helpful to the cause to get the
22	whole range of input that we did.
23	As I mentioned yesterday, because I
24	think it bears mentioning every time, we
25	were impacted by the stories of, you know,

1	the crises people faced during the
2	flooding time. And so, it was not lost on
3	us that there's devastation from the
4	flooding events, that I think we were all
5	watching the news at the end of March, and
6	there was obviously devastation from the
7	tornadoes that rampaged through
8	Mississippi and Alabama, but particularly
9	this part of Mississippi, Sharkey County,
10	which faced most of that devastation.
11	So certainly our condolences. We were
12	thinking of you then. We want to
13	acknowledge that now, for the devastation
14	and loss of life that occurred. We can do
15	something about flood control, though, and
16	that's what we intend to do, and that's
17	what we've moved forward with.
18	And based on the input that we
19	received earlier this year, we already
20	had, based on that collaborative MOU and a
21	team of folks, I should say an army of
22	folks, but only some of us are Army,
23	others are EPA and Interior and other
24	folks. And a lot of those folks are
25	represented in the back part of the room

1	who were rolling up their sleeves already
2	and thinking through what are the issues
3	that has hindered us moving forward with a
4	flood control plan previously and how were
5	we going to work through those issues.
6	And they took that additional input
7	from those public meetings, put it to use
8	to help develop the draft preferred
9	approach that we will roll out today in
10	just a minute.
11	So, as I mentioned before, we are on
12	schedule. Good dialogue yesterday. Good
13	dialogue, mostly focused on technical
14	aspects and areas where people asked us to
15	rethink a couple of the approaches, even
16	while I think there was a general view
17	that the plan that had been laid out was
18	pretty good conceptually.
19	And we've got to get through those
20	details. And so, that input was very
21	valuable. We look forward to more of that
22	good input today.
23	I'd say, overall, I'm just going to
24	set the stage at a high level. The plan
25	that has been developed on a collaborative

1	basis is really one that intends to
2	protect people, protect critical
3	infrastructure in the local economy
4	through the water operations plan that
5	will be laid out, and that minimizes the
6	impacts and protects the critical fish,
7	wildlife, and wetlands resources in the
8	Mississippi Delta area.
9	And on that last note, we always talk
10	about that in terms of compliance with the
11	Clean Water Act, compliance with the
12	Endangered Species Act, compliance with
13	the environmental laws, but I just want to
14	make a point, that was a big focus of the
15	discussions from all of you back in
16	February, your desire to ensure that those
17	environmental resources were protected
18	even as critical flood control was
19	provided.
20	And having seen the devastation of
21	prolonged, sustained flooding that
22	couldn't be evacuated, we appreciated the
23	input about the impact those other values
24	that you all saw and encouraged us to take
25	a look at during those public meetings.

1	So we've got a comprehensive plan to
2	lay out. A very talented group of folks
3	who are going to discuss the details
4	through a presentation that we'll get into
5	in just a bit.
6	Let me just first introduce the folks
7	that you'll be hearing from. Jeaneanne
8	Gettle is the Deputy Regional
9	Administrator, EPA Region 4. Matt
10	Strickler, as I mentioned, with the
11	Department of the Interior. He's the
12	Deputy Assistant Secretary for Fish,
13	Wildlife, and Parks.
14	On my team is Stacey Jensen, who is
15	the Acting Deputy Assistant Secretary for
16	policy legislation and a whole lot of
17	other things. Jacob Brister with the
18	Vicksburg District Office here will be
19	doing our part of the technical
20	presentation.
21	Brian Frazer with EPA's headquarters
22	operation in DC. Clay Miller will be
23	doing the technical presentation for EPA,
24	and James Austin with the US Fish and
25	Wildlife Service will be part of the

1	presentation team.
2	So we are committed to bringing a
3	comprehensive whole of government
4	approach, and that includes a lot of the
5	folks that you see over here on the side
6	of the room who participated in the
7	workshop yesterday morning. FEMA, Forest
8	Service, USDA, Transportation.
9	There are elements that you'll hear
10	from later where we can use the expertise
11	and the resources of all these agencies to
12	bring this whole of government approach
13	together. So I'll just end with that.
14	We are strongly committed to the
15	position, the goals that were set out in
16	our January collaborative memorandum. I
17	think we've adhered to that through
18	today's event with coming up with a draft
19	preferred approach.
20	And based on the input that we had
21	yesterday, we obviously want to hear from
22	all of you. We think it's a good
23	foundation to build upon and move forward
24	on the timeline that we suggested. So
25	with that I went on a little long.

1	That's the danger when you get practiced
2	and rehearsed in this.
3	But I think I forgot to introduce
4	myself, again, as I did yesterday. Mike
5	Connor, Assistant Secretary of the Army
6	for Civil Works. And I will turn it over
7	to Jeaneanne for some opening thoughts.
8	MS. GETTLE: Thank you, Mr. Connor.
9	Well, good morning, everyone. As
10	Mr. Connor said, I'm Jeaneanne Gettle.
11	I'm the Deputy Regional Administrator from
12	EPA Region 4, which covers the Southeast
13	United States.
14	But I'm also here on behalf of
15	Assistant Administrator Fox to bring you
16	greetings and to tell you that EPA has
17	long recognized the significance of the
18	flooding in the Yazoo backwater area. And
19	we have, through this process, been
20	steadfast in working with our partners,
21	both at Army and in DOI and other
22	partners, to find a solution that is
23	sustainable, that will reduce the impact
24	on flooding in the backwater area.
25	And it's our shared goal that this

1	project complies with the Clean Water Act
2	and other applicable environmental laws.
3	I also want to just take a moment to pause
4	and acknowledge that the tornadoes, the
5	devastation that happened here in
6	Mississippi, our deepest sympathy to all
7	of you who were impacted and on the loss
8	of life. It's just a real tragedy.
9	And then, I just wanted to just add a
10	couple of things to say that we were very
11	happy with the input that we got in
12	February. We are really looking forward
13	to the input that we received yesterday.
14	We value that, and what we'll receive
15	today, as we look to finalize and work
16	with the Army on how they're going to move
17	forward with their proposal.
18	Personally, I'm very encouraged by the
19	progress we've made so far, and I'm proud
20	of the collaborative work by the federal
21	family that we brought to the table. And
22	we're absolutely confident that with your
23	continued engagement and our continued
24	collaboration, we can develop an
25	appropriate and sustainable solution for

1	the flooding to address flooding and
2	minimize flooding impacts in the Yazoo
3	backwater area.
4	So thank you very much. I'm looking
5	forward to the conversation.
6	MR. STRICKLAND: Hey, good morning,
7	everyone. Matt Strickland, Deputy
8	Assistant Secretary for Fish and Wildlife
9	and Parks at the Interior. I'll be very
10	brief. Just first say thank you all for
11	having us and taking your time this
12	morning to come and share your knowledge
13	and input with us. I think that's the
14	most important part of today is to hear
15	from you all.
16	So I'm not going to say a lot, other
17	than that the US Fish and Wildlife Service
18	has a really big role to play in the south
19	Delta.
20	You all know we have multiple national
21	wildlife refuges, and as Secretary Connor
22	mentioned, some species aren't doing so
23	great that we have to take care of, but
24	also play a really important role in
25	conserving the wildlife that folks depend

1	on for hunting and fishing around here and
2	that kind of sporting way of life.
3	So I know the Service considers
4	themselves a part of this community and
5	wants to be helpful. And so, that's why
6	I'm really encouraged by the way that EPA
7	and the Corps are approaching this process
8	and look forward to working together with
9	them to find a solution to flooding
10	problems that is also protective of the
11	important natural resources in the area.
12	Thank you.
13	MR. CONNOR: Okay. I believe we're
14	ready to move forward with the technical
15	presentation. Jacob, just before you
16	start, I should just let everybody know,
17	the Senators and I have to step out for a
18	little media engagement I think about
19	9:45.
20	So there'll be a little bit of
21	disruption. We'll try and time it so
22	we're not walking right in front of you
23	all. And I apologize, depending on how
24	long that goes, I may not return just
25	based on the fact that I have a flight

1	a plane to catch.
2	So I apologize for that interruption.
3	Just wanted to give everybody a heads-up
4	as the technical team proceeds.
5	MR. BRISTER: Thanks, Mr. Connor.
6	Good morning, everybody. So my name
7	is Jacob Brister. I'm Deputy Chief of
8	Programs and Project Management Division
9	here at the District. I am joined by two
10	colleagues, which are after working
11	with them over the last couple of weeks,
12	they're friends of mine.
13	So I'll be followed by Mr. Clay Miller
14	from EPA and then Mr. James Austin from
15	Fish and Wildlife Service. So before we
16	go to the next slide, you're going to hear
17	some words, like, "approximately,"
18	"about," "maybe," because we're still in
19	this process, right?
20	So there's some numbers up here, some
21	locations that may change, we hope not a
22	lot, but just wanted to say that before we
23	get started.
24	Next slide, please.
25	So this slide looks extremely

1	elementary. It's that way for a reason.
2	So I want to walk through the operation on
3	the illustration on the left just so we
4	all kind of start the meeting on the same
5	page, so everybody kind of understands why
6	we're here and what we're going to do
7	moving forward.
8	So we're going to focus on the
9	illustration over here on the left. So to
10	give some background, pretty clear for the
11	ones in the room. 99 percent of you guys
12	know this already. But you got the
13	Mississippi River coming down. This is
14	Vicksburg. Up here is Memphis. This is
15	the area that this meeting is focusing on.
16	Okay? The backwater area where the
17	bathtub is.
18	The brown line over here is our main
19	line, the Mississippi River levee. Over
20	here is the backwater levee, and this is
21	the Yazoo River, which drains into the
22	three I mean, excuse me, the four
23	northern Mississippi lakes.
24	So at the very bottom is the Steele
25	Bayou structure. So that's where we're

1	focusing today is the backwater area. The
2	way that that operates is, when the Yazoo
3	River begins to rise and begins to back in
4	the backwater area, we close the gates.
5	Conversely, when the backwater area is
6	higher than the Yazoo River, we open the
7	gates. That's the way this project
8	operates.
9	Next slide, please.
10	So this is the purpose. I'm going to
11	read this for everybody. "The recommended
12	approach provides flood risk reduction for
13	communities and the local economy. Flood
14	risk reduction will target primary
15	residences as potentially the roads
16	isolating them, schools, infrastructure,
17	commercial properties, and prime farmland,
18	all while minimizing environmental
19	losses."
20	Next slide.
21	So what is our proposed water
22	management solution? So this is your
23	three-legged stool. Okay? So we've got
24	three things: Pump, which is our
25	structure, we've got non-structural, which

1	we'll talk about, and then we've got lots
2	of agreements that the agencies will do
3	together.
4	So, first off, pump, 25,000 CFS pump.
5	This pump is planned to be located at its
6	original location just north of the
7	current Steele Bayou structure. How are
8	we going to manage that pump? So we're
9	going to manage it seasonally.
10	So when I say "seasonally," we're
11	talking about non-crop and crop. So those
12	dates of that, for the five-year
13	floodplain, which is non-crop season,
14	we're going to manage it to that level.
15	Okay? It's approximately 93 feet. So
16	those dates are going to be November the
17	1st through March 24th. Okay?
18	November 1st through March 24th, we're
19	going to manage the backwater area to the
20	five-year floodplain, which is
21	approximately 93.
22	The other one is crop season. Crop
23	season is going to be March 25th through
24	October 31st. March 25th through
25	October 31st. We're going to manage that

1	to the two-year, which is approximately 90
2	feet.
3	So moving on to well, let me give
4	you some context, okay, with the 25,000
5	CFS pump. Everybody remembers the 2019
6	flood elevation. We peaked at 98.2 feet.
7	If this project would have been in place
8	during that flood, it would have peaked at
9	93.5. Okay? Just to give some context of
10	where we are.
11	So non-structural, the second leg. So
12	remember the Steele Bayou structure that
13	we referred to. We're going to modify the
14	way that we currently operate that. So if
15	you recall, I mentioned when the water
16	gets to elevation 70 inside of the
17	backwater, we close the gates.
18	We're going to let that water go up a
19	little bit. Okay? So this is where the
20	approximate comes up. We're going to go 4
21	to 8 feet. So 74 to 78. We're going to
22	try to finalize that in the next 30 to 60
23	days. That's going to help
24	connectivity excuse me, connectivity
25	between the Mississippi River, the Yazoo

1	River, and the Yazoo backwater. Also
2	benefits the fisheries.
3	So the second bullet under
4	non-structural. So we're looking at
5	potential buyouts, potential of ring
6	levees, also home elevations, and even
7	road elevations.
8	So the last leg, federal agreements.
9	So the federal agencies are going to do
10	formal agreements to provide assurances
11	that these three extremely important
12	things happen. So the first bullet, the
13	water control manual. If you work with
14	the Corps long enough, you understand
15	we've got a manual of how we operate.
16	There's triggers that we do.
17	If we decide at the Corps that, hey,
18	we might need to operate this differently,
19	we've got to go back to the table where
20	all of us are on the same page. Same
21	thing with the follow-up monitoring.
22	We're going to continue to do scientific
23	investigations, keep data on hand to make
24	sure that what we're doing is correct, and
25	then, finally, the mitigation plan.

1	Once again, we're all three going to
2	be on the same page about what we're
3	looking for, where we're looking for it,
4	and how we acquire it.
5	So at this point, I'm going to turn it
6	over to Mr. Clay Miller.
7	MR. MILLER: Good morning.
8	First of all, thank you, Jacob, for
9	the opening up of this session.
10	I'm Clay Miller. I'm with EPA
11	headquarters in Washington, DC, and I'm
12	really, really pleased to be here today.
13	One of the components of the project
14	purpose that Jacob just outlined was this
15	matter of protecting primary residents,
16	providing that flood risk reduction
17	providing that flood risk reduction to
18	those primary residents within the Yazoo
19	backwater area.
20	As outlined by Jacob in the water
21	management solution, residents above the
22	five-year floodplain would be provided
23	protection by the use of the pump. For
24	residences within the five-year
25	floodplain, we're going to have to look at

1	other options to address that flood risk
2	reduction for those families.
3	To identify those primary residences,
4	the Corps of Engineers, over the last few
5	months, has been conducting field surveys,
6	trying to identify the location of those
7	primary residences within the five-year
8	floodplain, as well as the elevation of
9	those homes and whether or not those homes
10	currently had alterations to address flood
11	proofing.
12	So, for instance, whether or not those
13	homes have already been elevated and/or
14	have construction of a ring levee in
15	place. The map that you see on the screen
16	here depicts sort of that preliminary
17	field assessment. Everything in pink is
18	within the five-year floodplain.
19	The stars that show up on the map are
20	either individual or clustered series of
21	homes or primary residences within that
22	five-year floodplain that were identified.
23	We estimate at this time, preliminary,
24	that we have about two dozen homes that
25	fall within this.

1	So about those homes, those primary
2	residences, we needed to look at whether
3	or not one, whether or not they're
4	being impacted, whether or not water is
5	actually touching or underneath the home,
6	and trying to address that short of using
7	a pump.
8	So to do that, we're looking at or
9	considering the use of buyouts from
10	willing sellers, elevating those homes, or
11	either providing ring levees. We're also
12	very concerned about those homes being
13	isolated.
14	So not only are we looking at the
15	homes, but we're also looking at the
16	access to those homes. So any roads that
17	are providing that primary access to them,
18	we're taking spot elevations to understand
19	what are the elevations, because during
20	that seasonal flooding in that five-year
21	where we're allowing the water to come up
22	to that approximate 93 elevation, you
23	know, up to the top of the five-year
24	floodplain, we want to make sure we're not
25	isolating anybody from being able to come

1	to or leave their home.
2	Another aspect that we're also very
3	cognizant of and being aware of that we'll
4	need to take some concern about is whether
5	or not those homes are either their
6	wastewater is being treated through septic
7	or through a sanitary sewer, and we'll
8	need to have to protect those, as well.
9	So we're looking at options for that.
10	With respect to the primary
11	residences, we welcome any feedback and
12	you can either, as we pointed out earlier,
13	put that on the cards, put it in the back
14	there, or through your questions here, you
15	can identify whether or not there's some
16	things that we need to also take into
17	consideration.
18	Again, primary residences within the
19	five-year floodplain, we're going to be
20	looking at non-pump options to address
21	those. Primary residences above the
22	five-year floodplain, the pump should be
23	providing that flood risk reduction.
24	Next slide, please.
25	If you recall earlier when Jacob was

1	talking about the project purpose, in
2	addition to providing flood risk reduction
3	for the primary residents and addressing
4	environmental issues, we also have another
5	element of that project purpose, and that
6	is to provide flood risk reduction to the
7	agriculture.
8	We understand the importance of
9	agriculture to the community of the Yazoo
10	backwater area. We also understand the
11	importance that it has to the economy of
12	that area. We worked very closely with
13	the NRCS and the Mississippi Department of
14	Agriculture to understand what were the
15	primary crops within this Yazoo backwater
16	area, as well as the crop seasons, days to
17	reach maturity for those primary crops and
18	what methods would be necessary for field
19	preparation.
20	From that, we prioritized our focus as
21	far as protection for primary crops on
22	three crops: Soybeans, field corn, and
23	cotton. Now, balancing sort of the crop
24	season with the needs of fish, wildlife,
25	and wetlands, we are estimating a pump

1	turn on date of March 25th to start to
2	draw down the water to enable the farmers
3	to get in to plant their crops and be able
4	to harvest.
5	So from that point, from March 25th
6	until October 31st, the crop season, we
7	will maintain or manage the water to not
8	go beyond the 90-foot or two-year
9	floodplain. So we'll be maintaining that.
10	After which, going into the non-crop
11	season, we'll manage the water to allow it
12	to return to the top of the five-year
13	flood elevation until March 24th. So from
14	October 31st to March 24th, water will be
15	allowed, when it's present, that backwater
16	flooding is present, to go back up, touch
17	the top of that elevation.
18	It's not going to be maintained at
19	that elevation. We'll start to pull it
20	back down at that time, but we're allowing
21	that dose of water, that pulse of water to
22	be able to provide necessary water for the
23	wetlands, which provides the habitat for
24	fish and wildlife.
25	Also, with this, as with the

1	residents, we look to get any feedback
2	from the public as far as these crop
3	season dates. We understand there may be
4	some, you know, need for us to rethink,
5	and we're willing to hear people out.
6	And, again, these were just estimated.
7	So next slide, and I'm going to turn
8	it over to James Austin from Fish and
9	Wildlife Service.
10	MR. AUSTIN: All right. Good
11	morning, folks. As Clay said, I'm James
12	Austin. I'm with US Fish and Wildlife
13	Service. I'm the field supervisor for the
14	Mississippi Ecological Services field
15	office in Jackson, and I'm going to visit
16	with y'all for a few minutes this morning
17	about some of the fish, wildlife, and
18	wetland considerations that went into this
19	current proposed solution.
20	And I start out by saying I kind of
21	feel like I'm preaching to the choir a
22	little bit. I'm looking at folks that
23	live in this part of the world, that
24	understand these resources in this part of
25	the world, could probably explain some

1	things to me about some of these natural
2	resources in this part of the world.
3	But I just wanted to point out a few
4	of the things that we feel are important
5	about the Yazoo backwater area from a
6	natural resources standpoint. So, No. 1,
7	this area contains a productive floodplain
8	fishery.
9	This area is one of only a few
10	remaining examples of the bottomland
11	hardwood ecosystem that once occurred
12	throughout most of the Mississippi Delta
13	and the Delta in other states, as well.
14	And it's one of only four remaining
15	backwater ecosystems that continues to
16	maintain that important hydrological
17	connection with the Mississippi River
18	through that water that you heard Jacob
19	talk about that backs up the Yazoo and has
20	the opportunity to come into the area
21	through that Steele Bayou structure.
22	So based on these things, again, it's
23	just a diverse area, a unique area, and
24	it's an important part of our state. The
25	area also supports a number of wildlife

1	species, and that includes many, many
2	species of migratory and resident land
3	birds, shore birds, wading birds, black
4	bears live in this part of the world, a
5	number of amphibian and reptile species.
6	I could keep naming species up here
7	all day long. I mean, basically any
8	taxonomic group of wildlife of critters
9	that we've got in Mississippi are
10	represented within this backwater area,
11	and that includes some species that are
12	federally protected and some species that
13	have been proposed for protection under
14	the Endangered Species Act. And I'm going
15	to list those.
16	The first one, again, you all are very
17	familiar with this area and this project,
18	pondberry is one that you've all heard of.
19	It's an endangered plant that occurs
20	within the backwater area. It's primarily
21	on Delta National Forest.
22	Another one that's a little bit newer
23	to the scene with regards to this project
24	is the northern long-eared bat. So that
25	species was recently uplisted from

1	threatened to endangered, and it's thought
2	to occur within the area.
3	We've got two more species, the
4	tricolored bat and the alligator snapping
5	turtle, both of which do occur within the
6	area, and both of those have been proposed
7	for listing under the Endangered Species
8	Act.
9	Now, along with these more non-game,
10	federally protected kinds of species but
11	of equal importance are the game species
12	that occur within the area. And there's
13	quite a few of those. Again, you folks
14	are more familiar with those than I am,
15	because you live and work in this area.
16	But some of the more important ones
17	there would be whitetail deer, waterfowl,
18	eastern wild turkey, squirrel. You could
19	keep going down that list, too. A ton of
20	those species that folks like to hunt and
21	fish and that sort of thing within the
22	area.
23	And so, we realize that all of these
24	natural resources support a wide variety
25	of outdoor recreational opportunities

1	within this area, as well, things like
2	fishing, hunting, boating, camping,
3	birding. Again, I could keep on going
4	down that list, too.
5	And so, the EPA, the Corps, and the
6	Fish and Wildlife Service I'm going to
7	say the three agencies from this point
8	forward because I'm not going to
9	repeatedly say the Corps, the EPA, and the
10	Fish and Wildlife Service. Okay?
11	So the three agencies realize the
12	importance of these resources and these
13	activities to local residents, to
14	communities, to local economies, to the
15	tourism industry, right? Because it's not
16	just folks that live within this area that
17	take part in these activities. Folks come
18	from other parts of the state. They come
19	from other states. People come from other
20	countries to experience this part of the
21	world.
22	So we recognize that these activities
23	are important. And so, all three agencies
24	are very committed to making sure that
25	these resources continue to thrive within

1	this area, because they are important.
2	So to that end, the Fish and Wildlife
3	Service has long maintained that any water
4	management solution within the backwater
5	area should really strive to balance the
6	needs of fish and wildlife resources
7	alongside the need to provide that flood
8	risk reduction, again, for local
9	communities and for local economies.
10	We believe this solution does that.
11	We believe it does achieve that balance
12	through things that you heard Jacob talk
13	about earlier. Things like adjusting the
14	way we operate the Steele Bayou structure
15	so that, you know, important connectivity
16	between the Mississippi River and this
17	area continues to happen, and we can
18	further enhance that by allowing just a
19	little bit more backwater to come in when
20	the opportunity is available.
21	The other thing you heard about was
22	the levels that we're going to allow
23	flooding to reach. So by allowing water
24	to touch that two-year and that five-year
25	floodplain, that helps to maintain those

1	habitats that are important for these fish
2	and wildlife resources. It helps to
3	maintain wetland functions for those
4	wetlands that occur within that two- and
5	five-year floodplain.
6	And so, we feel that these measures
7	and other measures that are part of the
8	current proposed solution help to avoid,
9	minimize, and reduce the impacts that the
10	project will have on fish, wildlife, and
11	wetlands.
12	But we also acknowledge it's not
13	always possible to completely avoid
14	adverse impacts, right? Particularly when
15	you're looking at a project of this scope
16	and complexity. And so, there will be a
17	need to provide appropriate compensatory
18	mitigation to help offset some of those
19	impacts.
20	And so, to work towards that end,
21	three agencies have collaborated. One of
22	the first things we've done, we developed
23	a list of species, and we consider this a
24	working list. And this is an opportunity
25	for you folks who are present to provide

1	some feedback to us. If you've got strong
2	feelings or thoughts about any of these
3	species that we've included or if you feel
4	there's some additional species we should
5	be looking at to assess the impacts that
6	the project will have on fish and wildlife
7	resources, we'd like to hear from you.
8	Again, we've got the comment cards or
9	during the Q-and-A later on, you can stand
10	up and let us know those things. So we've
11	got this list that we've developed. Also
12	want to mention fisheries resources. The
13	three agencies have collaborated to look
14	at the impacts that the project may have
15	on fisheries resources within the area.
16	And so, we've worked together to kind
17	of tweak some of those methodologies a
18	little bit, again, just to ensure that we
19	are fully assessing the impacts of the
20	project.
21	And so, moving forward, again, the
22	three agencies working together, all these
23	folks that you see back here at the back
24	table and others, are going to continue
25	working together as a team to further

1	develop methods to assess these impacts,
2	and that's going to inform the
3	compensatory mitigation that we'll need to
4	see moving forward.
5	And those are a couple of things that
6	Clay's going to touch on, and so, I'm
7	going to turn it back over to him.
8	MR. MILLER: Thank you, James.
9	I think we're going to I didn't
10	know if I start speaking, everybody starts
11	leaving. Boy, that takes the wind out of
12	my sails a little bit.
13	You just heard James talk about the
14	Fish, Wildlife, and Wetlands component of
15	the multifaceted project purpose, and you
16	also heard James mention that we expect
17	that there will be impacts that we'll have
18	to mitigate for.
19	And so, the first step we'll have to
20	do is assess what those impacts are.
21	Under the water management solution that
22	Jacob outlined earlier in the
23	presentation, you heard us talk about
24	seasonally managing the water to the
25	two-year and the five-year floodplain, and

1	you've heard us time and time again talk
2	about the non-crop season where we're
3	going to allow the water to go up to the
4	five-year floodplain extent, and during
5	the non-crop or, excuse me, the crop
6	season maintaining it or restricting it so
7	it doesn't go beyond the two-year
8	floodplain.
9	This solution manages in a manner that
10	will result in a reduction of impacts to
11	wetlands, fish, wildlife, and other
12	ecological resources, as well as reducing
13	the flood risk to those primary residents
14	and agriculture, again, capturing all
15	three of those components of the project
16	purpose.
17	When comparing this project, what
18	we're proposing with the water management
19	solution, when comparing that to previous
20	proposals, we expect that there will be
21	less environmental impacts or at least
22	impacts to those environmental resources.
23	So I want to draw your attention to
24	the graphic here on the slide. And
25	looking at this, it illustrates why we

1	believe that the impacts will be
2	significantly less to those resources, to
3	the fish, the wildlife, and the wetlands.
4	This slide shows that the proposed
5	2023 water management solution, the
6	solution that we've been talking to you
7	today about, and it compares it to a
8	previous proposal that came out in 2020.
9	That 2020 proposal would have turned on
10	the pump at 87-foot year round.
11	So anytime the water got up to 87
12	feet, pump would have come on, which would
13	have restricted those floodwaters to an
14	elevation less than or they're less
15	than the two-year flood, just below the
16	two-year flood. It would not have allowed
17	that water to reach above the elevation to
18	provide benefits to fish, wildlife, and
19	wetland resources all the way up to the
20	five-year elevation.
21	So during a part of the year, we're
22	going to allow that dose of water to go on
23	up to provide those benefits to wetland
24	habitat, which benefits fish and wildlife
25	resources.

1	Impacts to these resources by the 2020
2	proposal would have been realized
3	year-round and are depicted in this
4	graphic in gray and in red. In fact, it
5	includes everything that's in that bar
6	would have been above the 87 all the way
7	up to the five-year flood, we would have
8	expected that there was going to be
9	impacts based on how that would have been
10	managed under that 2020 proposal.
11	However, for the 2023 proposal, we're
12	expecting the impacts to these fish,
13	wildlife, and wetland resources to be what
14	is depicted here on the graphic as the red
15	bar, significantly less than what would
16	have been expected under any other
17	previous proposal.
18	The red bar depicts the turn on around
19	90-foot elevation all the way up to the
20	top of the five-year but from the time of
21	the crop season. So that's when we're
22	expecting that we would get impacts to
23	those resources, during that timeframe
24	from late March all the way to the end of
25	October.

1	And, as James pointed out, there's
2	going to be there are impacts, and we
3	have committed to thoroughly evaluate
4	those impacts. The three agencies have
5	agreed on the geographic extent of the
6	impact assessment area.
7	We've also agreed on the criteria and
8	on the scientifically-approved
9	methodologies and procedures to assess
10	those impacts to fish, wildlife, and
11	wetland resources.
12	Next slide, please.
13	Which brings us to, once we've
14	identified those impacts, how do we
15	mitigate for those? Those impacts to
16	those resources will have to be mitigated.
17	And the agencies have agreed on three key
18	components to that mitigation strategy.
19	The first is that all compensatory
20	mitigation will either be done in advance
21	or concurrent with the construction of the
22	project. The second component is that all
23	those mitigation sites will be secured
24	prior to the impacts.
25	And then, the third key component is

1	all the mitigation plans that will be
2	developed will be approved by the three
3	agencies, that being the Corps, Fish and
4	Wildlife Service, and EPA.
5	Another key aspect of this mitigation
6	strategy and why we feel that this has
7	been such a success working with our
8	colleagues is that we are going to be
9	developing a memorandum of understanding
10	between the three agencies that will help
11	guide the key mitigation details. It will
12	help guide in the development of those
13	mitigation components, as well as the
14	review, the approval, and the oversight.
15	Now, where is this mitigation going to
16	happen? We're going to be looking at
17	opportunities within the Yazoo River
18	Basin, as well as outside the river basin.
19	We're going to include you know, a key
20	focus will be on ecosystem restoration and
21	enhancement, but there will be other types
22	of mitigation that we will be considering,
23	and one that we're contemplating is the
24	use of supplemental use of water from
25	groundwater wells in the northern end of

1	the basin that will help supplement or
2	augment stream flows within certain
3	streams within the Yazoo basin, thereby
4	providing during that low-flow year, parts
5	of the year, enough water to help benefit
6	fisheries that would be potentially
7	impacted by the way we manage this
8	project.
9	So that concludes the discussion on
10	mitigation. Again, if you have any
11	comments or concerns or have any thoughts
12	that you want to leave with us, there's
13	the comment cards, or during the Q-and-A,
14	we can try to answer those questions, or
15	you can at least leave us your thoughts.
16	Next slide, and I'll turn it over to
17	Stacey and Brian to finish this off.
18	MS. JENSEN: Thanks, Clay.
19	Yeah. So this slide is basically just
20	depicting where we're at and where we're
21	going. So where we're at, we're here with
22	all of you over the course of yesterday
23	and today to present to you our draft
24	preferred approach, gather your comments
25	and input as we work towards our final

1	preferred approach.
2	In addition to these sessions, we have
3	a web page, which is listed on the handout
4	that all of you are receiving, I think.
5	And on that web page, this presentation
6	will be posted. So also, please let your
7	community members know who weren't able to
8	join any of our sessions that they can
9	access the materials on the web page.
10	And then, there's also room for
11	comments on our web page. So over the
12	course of the next month, we'll be
13	gathering not just what we heard yesterday
14	and today, but over the course of the next
15	month, any comments submitted to that web
16	page we will also be considering as we
17	work to finalize our preferred approach at
18	the end of June. So we're still working
19	for that target date as we committed to in
20	our joint memorandum.
21	And then, from the end of June
22	forward, the Corps will be developing an
23	environmental compliance report. We have
24	to make sure we document that this
25	approach is compliant with environmental

1	laws and regulations, Clean Water Act,
2	NEPA, Endangered Species Act, and so on.
3	So we'll be working expeditiously
4	through that environmental compliance
5	report documentation process before we
6	then turn to the appropriations process.
7	That's where we're going.
8	So, now, I think, Brian, do you want
9	to provide any
10	MR. FRAZER: Sure. I just want to,
11	again, like I've been saying for the past
12	couple of sessions, that I want to thank
13	all of you for coming out today. And as
14	Mr. Connor had mentioned, I just want to
15	amplify this point that we really
16	appreciate the feedback that we got on
17	February 15th.
18	And we took that feedback, went back
19	to the technical team, and developed a
20	preferred approach. So the feedback that
21	we get from you today, that we got from
22	folks yesterday, we're going to take that
23	information and work, as Stacey said, to
24	come up with the final approach.
25	So, again, thank you for your

1	comments. I greatly appreciate it. And
2	we can do Q-and-A right now.
3	MS. JENSEN: Yeah. So if you have
4	any comments, and you'd like to stay
5	seated, just raise your hand. I'll bring
6	the microphone to you, or if you prefer to
7	stand up, please do so.
8	MR. MITCHELL: I'm Jeffrey Mitchell.
9	I'm a farmer from Cary and an avid
10	outdoorsman, and I saw y'all in February.
11	The two things I saw thank y'all for
12	working on this. We need this. This
13	project does protect our communities and
14	everybody that lives there.
15	The two things I saw that need, I
16	think, tweaking, the cropping season. The
17	federal government tells me I can plant
18	corn March the 1st to insure it. You
19	know, just off the top of my head, the
20	last three years, I started the 6th this
21	year, the 18th of March last year, and the
22	10th the year before. Would have started
23	March the 1st if it had been dry.
24	The earlier we can plant our crop, the
25	earlier we can get it out of the heat of

1	the summer, the better our crops do. So
2	the cropping season, you know, March 1st
3	to October 31st, because March the 1st, if
4	it's dry, there's going to be planters
5	running from the gates north.
6	The other thing, on the elevations, I
7	understand as an outdoorsman, at 90 feet,
8	most of Delta National is underwater
9	already. And so, so is the CRP
10	surrounding it. And with our spring
11	floods, I don't know necessarily the
12	impact of holding the water on the trees
13	in April, what that will do to the
14	bottomland hardwood forest.
15	I know the rising and falling of water
16	doesn't hurt the bottomland forest, but
17	the stagnant, consistent water. I think
18	it's the largest bottomland hardwood
19	forest in the United States. And so, if
20	we lose that, we're not getting it back.
21	Not in my lifetime, not in my kids'.
22	So the constant holding of water on
23	it, that worries me, especially in the
24	springtime of the year when our floods
25	occur, because that's when the sap's

1	moving in the trees, and most of us
2	some of us understand that. I don't
3	understand it all.
4	And then, two, the other problem with
5	it is, at 90 or 93, where are the wildlife
6	going to go? At that elevation, most of
7	the coverage land, CRP, hardwoods is
8	underwater, and that pushes them out to
9	ditch banks, edges of highways. We saw
10	this in '19 and in '20, in '18, any other
11	flood year. You know, the deer run over
12	on the highway, hundreds of deer in a
13	field where there usually are no deer.
14	So the place for them to live, if
15	you're holding it at 90-foot, that
16	concerns me, because they don't have
17	anywhere.
18	MS. JENSEN: So I think, yeah, one,
19	the crop season data information, that is
20	one key area, as you heard, that we are
21	seeking information on. So that's
22	helpful, especially related to the crop
23	insurance. I think that is something that
24	we're really interested in hearing about.
25	And I think Jacob, yeah, if you can

1	talk about the pulsing and how it's not
2	stagnant and how that would work, plus I
3	think a little bit about what exactly is a
4	two-year floodplain, because I think
5	that's
6	MR. BRISTER: So we're not holding
7	we're not going to hold water. The
8	project is going to operate the same way.
9	So the gates are going to be open. We're
10	just not going to let it go above 93, and
11	we're not going to let it go to 90. Okay?
12	So let's just talk about the five-year
13	floodplain, the 93. The way we would
14	operate that, the smart guys in the back
15	of the room are going to be doing their
16	hydraulic calculations. They're going to
17	be calculating stream flows from the
18	headwaters coming down, calculating the
19	forecast of rain and all that stuff.
20	So we're not going to wait to turn it
21	on at 93. Okay? So we may turn it on at
22	90. We may turn it on at 92, -3, just
23	going to depend on that situation. Okay?
24	So it's going to go to 93, and we're going
25	to pump it down to 90, then turn the pumps

1	off. Okay?
2	It may fill back up. It may keep
3	draining. But we're not holding water.
4	Okay? Does that make sense to everybody?
5	Okay. So five-year floodplain
6	basically means you have 20 percent chance
7	of that flood any given year. Not every
8	year, but any given year. Two-year
9	floodplain, same situation. It's just a
10	50 percent chance. Okay? So a 50 percent
11	chance in any given year that you'll get
12	to the two-year floodplain.
13	Any questions about that operation?
14	Okay. Thank you.
15	MR. MITCHELL: Okay. Like I say,
16	just from my knowledge of the area,
17	because I love to duck hunt. And when the
18	bayou gets to 78 feet, it starts backing
19	into the woods. And then, from 78 to 88,
20	you go from hunting what is Phil Bryant
21	right by the gates. Then you go to Delta
22	National, and you're up just about to
23	Highway 16.
24	So the elevation of it, that just
25	concerns me. If we're worried about

1	wetlands and wildlife and all this stuff,
2	the holding of too much water scares me,
3	because in the spring, we don't get 1-inch
4	rains. We get 4-inch rains. And then,
5	Clarksdale gets six, and then, it all
6	comes. We've all lived through it.
7	You know, the ability to have the
8	hardwood bottomland and all that and the
9	wildlife to be able to live and have
10	places to live is my concern.
11	MS. JENSEN: No. We appreciate that.
12	And I think with the two-year, right,
13	again, it's a 50 percent chance of
14	happening. So that's like a natural
15	thing. I mean, that's what those species
16	are accustomed to.
17	And then, with the operation so the
18	Corps does this across all of our
19	operating in reservoirs or water control
20	structures, it's forecast informed. So
21	that's exactly what he's talking about out
22	there, those smart people, they look at
23	all the pieces and what's coming in in the
24	system and the weather forecast, and then,
25	they use that to perform our operations so

1	we don't run into that sort of situation.
2	But that is great feedback.
3	MR. MITCHELL: Thank y'all.
4	MR. HOLLIS: Hey. I'm Paul Hollis.
5	I kind of want to piggyback what Jeffrey
6	said, and he knows this, but the reason
7	that we want to plant corn in March is not
8	for convenience. It is for insurance, but
9	it's also because that's an optimal time
10	for us to plant.
11	You can plant corn any time of year
12	you want to. There's a real interesting
13	thing about corn when it pollinates.
14	Those silt that you try to clean off an
15	ear of corn is actually a small tube.
16	When the temperatures reach over 95
17	degrees, it will not pollinate. Those
18	tubes close.
19	If you've ever eaten a kernel of corn,
20	and you've seen a blank in it, that kernel
21	did not get pollinated. That's why we
22	need to plant during that period of time.
23	You know, I came yesterday, and I went
24	back, and I talked to some farmers. And I
25	know Jacob said we're tweaking with

1	everything. The March 25th is of a big
2	concern to a lot of people, particularly
3	in the south Delta, because not only if
4	you turn it on at 25 and it's been wet, it
5	takes time for it to dry before you can
6	get into that field. Then you're into
7	April.
8	If you would consider an earlier date
9	than that would be real advantageous to us
10	to farm, particularly corn, in the south
11	Delta.
12	UNIDENTIFIED: Non-farmer. All
13	right. So my primary concern is, first
14	off, I've lived in the Mississippi Delta
15	my entire life. Grew up between Cleveland
16	and Marigold. All my relatives are from
17	Rosedale. So where I lived was about 5
18	miles from the Sunflower River.
19	Met my girlfriend and wife for 42
20	years at Delta State. She's from Holly
21	Bluff. So I moved she taught school.
22	We moved to Holly Bluff. We actually
23	lived in the suburbs of Holly Bluff over
24	in Sharkey County.
25	And so, my home was built in 1974,

1	right after the '72 flood, and it belonged
2	to my wife's grandparents. So their whole
3	house was basically destroyed in the '72
4	flood, which occurred because the gates
5	were under construction, and you couldn't
6	block the hole in the levee.
7	And so, we had a big flood, and it was
8	a sustained flood. Anyway, it damaged
9	their house. They built a new house, and
10	they took a good shot at elevating the
11	(indiscernible) and did a little Kentucky
12	windage and thought they had it high
13	enough.
14	Well, it wasn't high enough. So when
15	this flood occurred, we were cut off from
16	our home. And you put my wife and I in a
17	boat and try to go, we're going to drown.
18	So we don't do boats.
19	But I am an avid hunter. Not duck,
20	but deer, squirrels, that kind of stuff.
21	And I love where I live. I live right on
22	the bank. The Sunflower River is actually
23	one of my property lines. I live next to
24	the 16th section, which a section is a
25	mile square, which is 640 acres, which the

1	average home in a suburb is probably a
2	half-acre. So that's just to give you an
3	idea how big a section is.
4	Well, that's normal for us people here
5	in the Delta to talk about these big
6	tracts of land. I married well. My
7	wife's got some land that she inherited
8	from an aunt, but we were cut off. And
9	I've got PTSD from the flood.
10	I retired after 38 years of working
11	for a chemical company that sells
12	products, fertilizers, especially to
13	farmers. So everything in this area is
14	agri related. I commuted 30 miles to
15	Yazoo City to work at a big chemical plant
16	for my entire career. I retired in 2018,
17	just in time to get ready for the 2019
18	flood.
19	So that was a traumatic thing for us.
20	We protected our home with a ring levee,
21	and we were cut off and isolated. So my
22	brother-in-law loaned us a big tractor.
23	Nobody they couldn't plant. Nobody
24	could. So the tractors were just sitting
25	there.

1	We wouldn't ride on the tractor. And
2	we drove down the highway to my house. It
3	was about a two-mile stretch that had
4	gotten so deep you couldn't drive through
5	it with a regular vehicle, even a
6	four-wheel drive truck. You had to
7	eventually put equipment here that could
8	get to our house.
9	But I'm a grown man, and I stood there
10	days. We filled approximately 4,000
11	sandbags during this time. We covered our
12	levee with Visqueen. It was whitecap
13	waves. There was 2 foot of water in that
14	field next to my house, but it's 7 foot to
15	12, 15 foot back in the Delta National
16	Forest.
17	Nothing that lives on the ground can
18	survive. Even squirrels, they can't live
19	in a flooded area. They got to go. They
20	got to get on the ground sooner or later.
21	Turkey, snakes, whatever. So all these
22	critters, my little island ring levee was
23	where they all wanted to be.
24	So we rigged up a bunch of stuff on
25	our tractor where we could take supplies

1	in and out of our house, and we stayed
2	there, because we had to maintain pumps
3	when it rained to pump water out of our
4	ring levee.
5	So, anyway, despite having flood
6	insurance, I did not want my property to
7	flood, and we fought through that. But
8	every rain was just terrifying to me,
9	because every rain, if it rained 6 inches,
10	the water came up 6 inches. But if it
11	rained 4 inches in Clarksdale, it came up
12	another 2. And it just kept coming up.
13	Kept coming up.
14	I had pelicans swimming around my
15	house. I live in Holly Bluff,
16	Mississippi. I never saw a pelican that
17	wasn't on the Gulf Coast. So we had
18	pelicans swimming around. We had dead
19	fish by the jillions, because fish are
20	stupid. They swim out in the field.
21	There's no oxygen out there. They die.
22	Our hardwoods in Delta National have
23	been devastated. They split open, because
24	they grew so much in that sustained flood.
25	And now, they're dying. It really needs

1	to be a survey for that.
2	But I was standing there at my home
3	one evening, and I was thinking, Oh, my
4	God, if I have a heart attack, my wife
5	can't get me on that tractor. You can't
6	land a helicopter anywhere. I'm going to
7	spend my golden hour dying trying to get
8	to Holly Bluff, which is not where you
9	want to be.
10	And vice versa. I couldn't get my
11	wife on the tractor and get her to Holly
12	Bluff, and nobody could get we couldn't
13	get any help. Somehow our community water
14	stayed on the whole time, and our power
15	stayed on the whole time for this flood,
16	for months. What a blessing. I only
17	remember a couple of short power outages
18	where we had to run generators.
19	But I was scared for my life. I was
20	scared for my wife's life. And I lived in
21	a beautiful home. I'm a stick in the mud.
22	I grew up in one home, went to a dormitory
23	for college, and then, I've lived in the
24	same home for 42 years in Holly Bluff. So
25	I just, I love it, and I want to live

1	there, but I'm terrified of a flood.
2	I'm just going to tell you how it is.
3	It's life-changing to go through a
4	sustained flood like that. I've seen that
5	water come up in the back of those fields
6	a million times. It's just part of life
7	and part of the ecosystem, but to be cut
8	off, you had to I took T posts and
9	flagging and eventually bought the
10	triangle signs that go on the back of a
11	tractor and put them along our road all
12	the way to my house just so people would
13	know where the water was.
14	It was like driving through the ocean,
15	and you didn't want to you know, my
16	tractor, I could go off the road and make
17	it, but you couldn't have done it
18	otherwise.
19	But it was very traumatic to be kind
20	of trapped in that situation.
21	(Indiscernible) will cheer that. They'll
22	cheer that for where I live, and it still
23	floods the forest. But I saw my this
24	is 2023, and I've seen my first set of
25	turkey that, you know, are young turkeys

1	in that 16th-section land next to my house
2	this year. First time I've seen it,
3	because you lost them all in 2019, all
4	your ground birds.
5	So, anyway, I'm thankful that y'all
6	are here. I'm thankful we're paying
7	attention to this. I hope we protect the
8	forest. But more importantly, we have to
9	protect our infrastructure and our farmers
10	in the big scheme of things.
11	Because it doesn't matter whether you
12	farm or not, if you live in this part of
13	the country, you're either related to
14	agriculture or you're related to hunting
15	and fishing, and that's what this is all
16	about. And we've got to protect our
17	natural resources. These pumps will do
18	that.
19	I'm thrilled to be here, and I'm
20	really thankful for you guys. And I think
21	you need to do a survey through Delta
22	National of the hardwoods, because they're
23	still dying, these big trees.
24	100-year-old oaks. They're dying now, and
25	I think it's because of the floodwater.

1	They've got you can see marks on them
2	as high as the ceiling where water sat on
3	them for eight months.
4	They can't handle that. They can
5	handle a month or two in the winter,
6	because they're dormant, but they can't
7	handle it once they once they bud out
8	and everything and start growing. Just
9	don't it. But thank y'all for coming.
10	Appreciate it. Appreciate the Senators
11	and the Secretary of the Army for being
12	here, but especially Matt, you guys,
13	appreciate y'all being here. Thank you.
14	MS. JENSEN: Thank you.
15	MR. WHITTINGTON: Andy Whittington.
16	I'm with the Mississippi Farm Bureau
17	Federation. I'm the Environmental
18	Programs Coordinator and have been in that
19	role for 16 years. So I have been through
20	these Yazoo backwater projects more times
21	than I would care to admit.
22	I am appreciative of the approach you
23	have taken. Today is a good day. I think
24	we will have better days ahead, but today
25	is a good day because of the collaboration

1	between the agencies, the approach you've
2	taken, I think we are close to a legally
3	defensible program and one that puts us on
4	a path to have a structural pump.
5	The Corps knows that they manage
6	rivers and levees as a system, and this
7	system was designed with a pump at the end
8	of it. The failure to put that there is
9	why we are having these conversations
10	today, because we designed the system and
11	didn't finish it.
12	I urge you to give serious
13	consideration to the comments that you
14	will get from the local community, the
15	farmers in the community, the wildlife
16	agents that work in this area. They have
17	an extensive amount of knowledge of what
18	these floods do.
19	We went through several springs of
20	floods where deer were pushed out,
21	dropping fawns in a completely foreign
22	place. I'm wondering whether those
23	they have set up a new home somewhere or
24	if they're actually going to migrate back
25	with the floodwater going down.

1	So I think today is a very good day.
2	I appreciate all of the work that y'all
3	have done. I am very enthusiastic about
4	this plan. I do believe there are going
5	to be some tweaks that would make it even
6	better, but I do want to thank y'all for
7	the work you have done, and I am pretty
8	excited about this approach. Thank you.
9	MR. DIGGS: My name is Larry Diggs,
10	and I'm also the Issaquena Development
11	Secretary for the Issaquena Development
12	Committee for all of Issaquena County.
13	And I think I spoke with Stacey Jensen.
14	I'm Larry Diggs. I also spoke with
15	Michael Connor. I'd like to thank y'all
16	for inviting us to y'all's format.
17	In Issaquena, we are a lot of our
18	streets after the floodwater left, the
19	water filled in all the ditches. So right
20	now, we have no drainage systems. The
21	roads are all still messed up. Potholes.
22	A lot of our main highways are no longer
23	paved. They back to rocks and gravel.
24	So I feel like our responsibility for
25	the committee is to try to get things back

1	like they were, if not better. So I
2	personally go out and conduct my own
3	survey. I'm doing my own documentary for
4	the whole county, especially in my
5	district. I'm from District No. 2 in
6	Issaquena, known as Tallulah and also low
7	Fitler, Mississippi. We are one big
8	family there.
9	And Steele Bayou actually runs down
10	the heart of our community. So anytime
11	you close Steele Bayou gates up, Vicksburg
12	is going to flood first. Fitler is going
13	to flood immediately after that. So every
14	time you close that gate up, minimize the
15	flow of that water, we are always going to
16	get flooded as soon as you close that
17	Steele Bayou gate.
18	And a lot of times it happens when the
19	Mississippi River gets so high, you have
20	to try to control the flow of the water.
21	When you do that, you are literally just
22	destroying our area. Every time you close
23	that gate, we flood out, because the water
24	right there, we're right on the Steele
25	Bayou.

1	And our homes were destroyed by the
2	flood. FEMA came out. The Delta Forest
3	came out. MEMA came out. It was
4	unlivable. So they asked for permission
5	to destroy it since it was unlivable.
6	Black mold, mildew, after seven months of
7	being in that area. It was a trailer
8	home. And the heat and the moisture, the
9	whole home was just filled with black mold
10	and mildew.
11	So the (indiscernible) came out and
12	destroyed it. But my mother is an
13	87-year-old lady. Her husband is
14	deceased. All her parents is deceased.
15	She has her sibling with her, and I'm one
16	of them, and I'm her home provider. And
17	she were fond of her home, and when it was
18	destroyed, and she did not receive not one
19	red penny from FEMA after the
20	(indiscernible) came and determined it was
21	unlivable, she have not received not one
22	red penny from that situation.
23	Now, I understand that there were
24	credits for those who was in her
25	condition, a minimum of 28,000 to help

1	them get back like they were since it was
2	a natural disaster that we have no control
3	over. But to this day, she never received
4	not one penny.
5	And when I found out about it, I
6	called them. This was, like, three years
7	they kept it pending and pending. So they
8	closed it without notification. So I
9	sought some legal assistance through my
10	congressman, Bennie Thompson, who's also
11	the head of Homeland Security. So I did
12	see some.
13	But at this point in time, she's so
14	discouraged. We are living in Mayersville
15	in a little two-bedroom apartment. So she
16	would love to be able to go back home, but
17	it don't seem like that's going to be
18	happening no time soon.
19	And my job is to look over the whole
20	community. I'm not looking over just part
21	of it. I'm concerned about the whole
22	Issaquena County. So we have been seeking
23	some real assistance. Right is right,
24	wrong is wrong. So we're still in need of
25	financial assistance. We need our road

1	and streets, we need paved and holes
2	paved.
3	And even when I go to Jackson to the
4	VA, I drive down potholes so big and
5	destroying your tires, your shocks. Now,
6	here it is, we're talking about
7	revitalizing road construction, bridges.
8	It's almost a year later. None of those
9	things have happened, not here in
10	Mississippi.
11	And it's terrible for us to go to the
12	VA, and we are trying to duck and dodge
13	big ole holes in the street, almost
14	running over other people. That's a
15	problem. And I'm glad to see everybody
16	here from different committees. We should
17	be able to have good solutions to work
18	together to solve the problem no matter
19	where we at.
20	But as far as water is concerned, we
21	still need our streets rebuilt. We need
22	our ditches dug out so we can have proper
23	drainage when it do rain. A lot of time,
24	we get a heavy rain right now, because the
25	ditches are so full with dirt until the

1	roads is covered up, and then, you can't
2	see the pothole, and the next thing you
3	know, you're in the pothole. Done tore up
4	a tire.
5	These things shouldn't be going on. I
6	mean, it made y'all seem like
7	(indiscernible). Let's do this, let's get
8	this money, let's get I ain't seen none
9	of this roadwork. All these bridges. I
10	have three bridges in one area right now,
11	I have people that have to use 465 to go
12	all the way around in one direction,
13	because they can't get home from a simple
14	street, all because they bridges out.
15	Three bridges still out in Issaquena
16	County.
17	I mean, it would be nice if they would
18	have one bridge fixed, but three of them
19	is still out, and I don't see no solution
20	right now being done about these bridges.
21	At least you could get them some type of
22	access. I mean, people with homes we done
23	lived in all our lives. Places we done
24	stayed. We can't go back there, because
25	what's happened? Water. Okay. We scared

1	of water. Water here, water there. It
2	shouldn't be like this.
3	Here it is, 2023. We deal with
4	technology around the world. We have
5	technology around the world. Are we using
6	it to the best of our ability? Of course
7	not. But we should be. We should be
8	looking out for these areas. This is our
9	community.
10	These people should be working.
11	Roads, there should be contracts done.
12	Where's the building going on? There are
13	none. A lot of supervisors, I understand
14	they're supposed to represent their
15	communities, but if they don't have the
16	knowledge to know how to access those
17	funds, you all should make it possible for
18	them to have some type of work group.
19	Help them out.
20	I mean, I understand that they get
21	elected by the people, but all of them is
22	not equipped to know what they need to
23	know. So we in government, we go to
24	classes, we help try to make people better
25	to understand our system, because

1	government, the language can be very
2	difficult to understand. And a lot of
3	times if you don't have no legal
4	assistance, you don't anymore know what
5	they're talking about than the man in the
6	moon.
7	So a lot of times you ain't going to
8	have no legal assistance. I asked for
9	legal assistance yesterday. I was in a
10	situation where my identity was stolen,
11	the DMV, out in Memphis. I gave
12	submitted my Illinois ID to the Memphis to
13	switch over, and here I come find out my
14	Illinois ID is now over in Denver being
15	reused by somebody else. All through the
16	same DMV.
17	These things shouldn't be occurring.
18	So I asked the Judge the other day, Can
19	you give me legal assistance? It seemed
20	like they (indiscernible) stuff like that.
21	We don't know. I'm still trying to find
22	out who can I talk to about stuff like
23	this.
24	These type things shouldn't be really
25	occurring. We are here to represent

1	certain agencies. We ought to work
2	together, stand for what is right, leave
3	that what is wrong behind. We need to be
4	more righteous and try to make America
5	great as it should be and leave all this
6	lying outside, because we're always making
7	things worse in our own mind.
8	So when our young people see us lying
9	to one another, how do you think they
10	supposed to feel? What directions would
11	they go by? If we are not taking the lead
12	and standing right, how can they follow
13	right when there is no right? So let us
14	try to do better than what we're doing.
15	You'll be probably getting some more
16	information, documentaries from Issaquena
17	on what we need done, because I'm
18	personally going out doing some
19	documentary on my own, taking pictures,
20	writing down things, and I'll be coming
21	back to you.
22	So hopefully we can do better than
23	what we're doing, because there's a lot of
24	room that we need to make corrections on.
25	And when we elect our candidate to assist

1	us, don't expect to get no big paycheck
2	and just sit there and not do nothing.
3	Because when you want our vote, don't look
4	for it if you ain't doing what we asked
5	you for. When we may bring forth our
6	points, we mean those points to be heard.
7	So when an election time come,
8	sometimes it's good to just don't take
9	from (indiscernible) go to the tree,
10	because sometimes corruption just spreads,
11	and sometimes it's just good to just start
12	from scratch. So be careful how you treat
13	us right now, because election time is
14	near. So you'll be needing us again.
15	So I'll be seeing you again. I hope
16	that we can do better than what we are
17	doing. I hope I can start seeing a lot of
18	contract work getting done, because right
19	now, I'm not seeing that. I hope somehow
20	bridges can get fixed. I'm not seeing
21	that.
22	So all our elected officials, be
23	paying attention to us, because we're not
24	just going to be talking. You don't want
25	our vote. If you're not listening, we're

1	not going to be here. Thank you very
2	much, ladies and gentlemen.
3	MS. JENSEN: Thank you. So yeah.
4	This part, what our three agencies are
5	discussing today is about the flood risk
6	reduction solution for Yazoo, but we did
7	bring the whole federal family. So we do
8	have DOT and FEMA and others here.
9	So when we do conclude this portion,
10	feel free to go and chat with our other
11	federal family folks about their program
12	services, how can they help the local
13	community, the county supervisors, and all
14	of that with some of the other issues.
15	MS. GETTLE: And, Stacey, I was just
16	going to mention, we have several people
17	here from EPA, and at the end, we have
18	some ability to do some capacity
19	development around grant writing. And so,
20	the people from EPA can take your names,
21	and if you need some assistance, we can
22	work on that.
23	MS. GEHRT: Jackie Gehrt, retired
24	waterfowl biologist. I just wanted to say
25	thank you guys for coming together,

1	working together. I know you were asked
2	to work on this project with a new set of
3	eyes and ears, and that's kind of like a
4	judge saying to a jury, "Disregard that
5	last statement."
6	But I feel like you've done that.
7	I've always wondered if it could be done,
8	and, yes, you've done it. You've worked
9	really hard. I feel like you've
10	disregarded the arguments we've had on
11	both sides for the last 15 years. I think
12	you've disregarded politics.
13	I felt like you were listening to what
14	we were saying, not how we were saying or
15	who was saying it. And I feel like you
16	weren't listening to how many times it was
17	repeated at the same time. You looked at
18	the research, you looked at the data, and
19	you looked at the south Delta, and you
20	came up with your conclusions.
21	I really appreciate this proposal. A
22	couple of concerns I have is I hear people
23	saying the flood is going to fill up those
24	wetlands. I feel like those wetlands are
25	filled up by the winter rains, not by the

1	flood. And I think we have to be careful
2	assuming that we need all this floodwater
3	so that they get filled up.
4	I also was a little confused about the
5	wells up in the north. I felt they were
6	going to be there to help keep the
7	moisture in the north continuously. I
8	kind of felt like maybe we were saying
9	that's going to keep the south flooded,
10	and maybe I was wrong there. Okay.
11	And I just want to say that, as much
12	as you've done, I hate to ask for more,
13	but I want you to keep fighting for us to
14	get this project done with no strings
15	attached. Yeah, that's right. And as
16	soon as you can. And what we can do on
17	our end, just let us know.
18	Again, I would just want to thank you
19	for doing what you've done and asking you
20	to keep going, because it's worth it.
21	MS. JENSEN: Thank you for that.
22	MS. BOWDEN: My name is Miriam
23	Bowden, and I am a new resident to
24	Mississippi. I'm originally from Chicago,
25	by way of great migration. I lived in

1	Maryland, and my mother is from Issaquena
2	County.
3	I came here because of her dream, and
4	her dream was to kind of make things like
5	they were when she was a child. There
6	wasn't as much flooding. And over the
7	past few years, there has been an
8	increasing amount of flooding. And I know
9	a lot of that is from climate change, and
10	then, I don't know the whole situation
11	with the Yazoo backwater. Like I said,
12	I'm brand-new here, so I don't know.
13	But I did come down to create a
14	certain amount of economic development and
15	revitalization for the area. What I am
16	finding is that, just like Larry Diggs
17	said, we are getting in Issaquena County
18	an amount of flooding that we haven't had
19	before on my family farm.
20	You go back on the property, and the
21	roads are all flooded out. We can't even
22	access the homes of some ancestral
23	homeland that was, once upon a time, very
24	accessible. Now, the road is overcome,
25	and we can't get back there to the back

1	part of the property.
2	What I've noticed since I've been here
3	are some of the practices that some of the
4	farmers are using that I think are
5	probably detrimental to the environment,
6	and I'm hoping that the solution that you
7	all have come up with is a mixture of the
8	engineering approaches that are
9	appropriate for your agency but also some
10	sort of education or something that will
11	help people to utilize the farmlands in a
12	better way so that they're not
13	contributing to the flooding problem.
14	Like Larry said, the ditches are all
15	getting filled up, and the drainage hasn't
16	necessarily been installed properly in
17	order to maintain dry fields and to keep
18	the wetlands wet. I mean, right now, I am
19	trying to start a small farming operation
20	where I'm growing hemp and vegetables, and
21	there are certain parts of the field that
22	I'm trying to use that are swamp, and it's
23	like they're unusable for me. But once
24	upon a time, those were wonderful fields
25	to be using for my purposes.

1	So whatever the solution is and I
2	didn't get to hear it, because I thought
3	the meeting was at 10:00, and apparently
4	you guys started at 09:00. But I don't
5	know what the solution is, and I just
6	would like to see it happen.
7	And instead of the historical
8	disenfranchisement of certain people,
9	whatever your solution is, I'm hoping that
10	it's going to include some sort of look at
11	what is happening to people economically
12	overall. Thank you.
13	MS. JENSEN: Thank you. I appreciate
14	it. And for those of you who may have
15	come in late, there are handouts that have
16	a summary of the proposal, as well as a
17	web page that you can go to and the slide
18	deck and other things will be on there
19	describing the project.
20	We also have our team here. So, if at
21	the conclusion, feel free to mingle, and
22	we can walk you through that, as well.
23	MR. HOLCOMB: Good morning. I'm
24	Eddie Holcomb with the Issaquena County
25	Board of Supervisors, and I just want to

1	thank y'all for listening to us. I can't
2	say I've been fighting the flood, but this
3	has just been a part of my life. We've
4	been trying to get these pumps my whole
5	life.
6	Like I've told you before, I learned
7	to water ski in 1973 in 4-foot water
8	behind this. But a lot of our you
9	know, we're so frustrated, because we've
10	been flooded so much. And our farmers, I
11	know they're talking about crop dates, and
12	I hope that y'all will listen to that,
13	because farming is our way of life. If
14	the farmers do well, we do well.
15	Everybody.
16	I'm an insurance agent. So, you know,
17	Roy does well and buys new tractors, the
18	more tractors he's buying, more money I
19	make. And that's kind of a funny thing,
20	but it's just our whole way of living.
21	And I thank y'all so much for
22	listening to us, being patient with the
23	people that have lost in the flood. I
24	haven't. I've been fortunate enough to
25	live far enough north that my property has

1	not flooded. But it's difficult.
2	We are making progress on bridges at
3	one time. In Sharkey, Issaquena, and
4	Washington County combined, we had 57
5	bridges closed. So Briggs Hopson was here
6	a while ago, and maybe he's in the back,
7	I'm not sure now, but he's done great with
8	helping us get stuff.
9	So we're making progress, but it's
10	slow progress, and we've lost a tremendous
11	amount of tax base because of the water.
12	People moving out, not coming back. But
13	all that being said, thank y'all very
14	much. I know this is a big project.
15	I know you know, in life when you
16	make changes to help someone, it's always
17	going to hurt someone, and it's a
18	tremendous balancing act. So I don't take
19	lightly what y'all done for us, and I'm
20	just telling you thank you.
21	MS. JENSEN: Any others?
22	(NO RESPONSE.)
23	MS. JENSEN: Jeaneanne?
24	MS. GETTLE: Well, I want to just
25	say, again, thank you for being here with

1	us today. Thank you for all of the times
2	that you come to talk to us, to give us
3	comments. Encourage you to use the
4	comment cards, to go to the website if you
5	don't want to write it out today, and send
6	us comments.
7	And we commit to you that we are
8	continuing to work together
9	collaboratively, and we will continue on
10	in this progress. Thank you for being
11	here.
12	I also want to point out that we do
13	have the whole federal family here. We
14	have representatives from a number of
15	federal agencies here to talk to you about
16	the resources that they can bring and to
17	talk about things hopefully like roads and
18	bridges.
19	And as I said, EPA has some capacity
20	building opportunities at this point in
21	time, which when I say that what I mean is
22	we have opportunities to help people in
23	developing and learning how to develop
24	federal grants, which is not easy. And
25	so, we'd be happy to talk to you guys

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1	about that.
2	So thank you all very much. We'll be
3	around for a few minutes.
4	And thank you. Stacey, if you have
5	anything else, or, Matt, did you want to
6	say anything else?
7	(NO RESPONSE.)
8	MS. GETTLE: All right. Thank you.
9	(MEETING CONCLUDED AT 10:35 A.M.)
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1	CERTIFICATE OF COURT REPORTER
2	I, Ella J. Hardwick, CVR-M, #1749, Court
3	Reporter and Notary Public, in and for the State of
4	Mississippi, hereby certify that the foregoing
5	contains a true and correct transcript, to the best
6	of my ability, as taken by me in the aforementioned
7	matter at the time and place heretofore stated.
8	I further certify that under the authority
9	vested in me by the State of Mississippi that the
10	witness was placed under oath by me to truthfully
11	answer all questions in the matter. I further
12	certify that I am not in the employ of or related
13	to any counsel or party in this matter and have no
14	interest, monetary or otherwise, in the final
15	outcome of this matter.
16	Witness my signature and seal this the 22nd day
17	of May, 2023.
18	$\rho \sim 11$
19	Ella J. Hardwick, CVR-M #1749
20	EIIA U. HATUWICK, CVR-M #1/49
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