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Interviewer: What about – are there any suggestions for management changes that you think how people adapt to red tide?

Interviewee: It help adapt to it?

Interviewer: Yeah. Anything that you think management could be managed differently or any recommendations for monitoring or forecasting or like what –

Interviewee: Shall I do some with that lake it's...

Interviewer: Yeah.

Interviewee: That's not going to happen.

Interviewer: Yeah. What are kind of the causes, why do you think this year was worse than other years?

Interviewee: Like I was telling earlier is they changed the poisons, use more poisons up and down the coast trying to keep all the canals clean because the run off and whatnot. So that's been dumped in. You've got more and more growth, I keep telling people so that my house I've had a three bedroom two bath house. It requires a certain size septic tank if I want to add another bedroom I have to increase the size of my septic tank and drain filter.

Interviewer: Yeah.

Interviewee: While in Florida they don't have to do that.

Interviewer: Yeah.

Interviewee: They just keep adding houses. Well we're at max – we're past max so until they stop that which I don't have no control over you're not going to change.

Interviewer: Yeah.

Interviewee: It's just going to keep getting worse because you get all the fertilizer in the run off and cement docks and there's no natural flow. The Louisiana where I fish you would think that Mississippi River would just destroy everything because it's just coming downhill from all the farms, from all the runoff and whatnot. But the reason doesn't is because you've got [indiscernible] [00:01:39] which is similar to the mangroves here and sea grasses and whatnot filters all those containers out.

Interviewer: Yeah.

Interviewee: You don't have a condo and beaches of that people are living on it and concrete sea walls all around Louisiana in which you've got nothing estuary.

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Interviewee: Yeah.

Interviewee: The filter on that. [00:02:00] The fishing there is just unbelievable. You don't have – you've got – what you got. There are no changes.

Interviewer: Yeah.

Interviewee: That going to stop. Well, it started off with US 41 my opinion. When they put the dyke in, it started right there and it went downhill ever since. I understand, but the – they want development and all that but Christ almighty go and revitalize the properties you already have that are so depressed that nobody wants to live in. It's full of crime and whatnot go to revitalize that, don't just keep destroying more habitat, more housing I don't know I can going on. That is my cure. That is my cure add another septic tank and another drain filter or at least fix that before you start letting more bedrooms and more houses.

Interviewer: Yeah.

Interviewee: More people in. There's enough places already built that nobody wants to live in because it's all depressed and there's shopping malls or strip malls and whatnot just totally abandoned that shouldn't, all that area should be brought back.

Interviewer: Yeah.

Interviewee: Don't keep expanding out into the Everglades, it's the wrong direction.

Interviewer: Right.

Interviewee: I don't know. I wish I – you can make them fix that, but that's.

Interviewer: Yeah. It's hard everyone wants to come [overlapping conversation] [00:03:33] –

Interviewee: -- and back in whenever they did to gill nets. They blamed it all on us like we're killing off fishing. No, we're killing off this fish, you're killing off the fish you don't see.

Interviewer: Yeah.

Interviewee: They're killing off the little ones that can't hide because of concrete sea wall.

Interviewer: Yeah.

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Interviewee: So every little big fish in the world can go eat it. I didn't do that. You did that. I'm just up here trying to catch this fish [00:04:00] so you can eat because you don't have a boat to go get it, I'm not saying you don't but I'm trying to feed people.

Interviewer: Yeah.

Interviewee: by catching some that's already done its business.

Interviewer: Yeah.

Interviewee: They think because I get a gill net it's got a bunch of fish, yeah, it's got a bunch of fish. One that's already done its business. That's another.

Interviewer: Yeah. I think we covered a lot of the questions, do you have anything else that you want to ask.

Interviewer 1: Yeah. I think the only other topic that has come up in other interviews was the stratification effects think what you – do you see red tide really you talked about the mixing through the water column and then below being, okay. Just like in throughout the season is that just the case or...?

Interviewee: As far as affecting –

Interviewer 1: No, the stratification of the red tide. So just seeing the red tide at the surface as opposed to the other algae's like where they are in the water column.

Interviewee: I don't know. I haven't really noticed other [indiscernible] [00:04:57] what was on the bottom. And as far as this year in particular what part was already explained to you about the seemed like something was coming up from the bottom. One day you got pretty green water, the next day you've got red tide looking water, why would that change other than that's a mixing. That's going on that I've never seen before. Yeah, we've seen ugly water, but usually it just stays there and usually you can go out there and you're literally be a tide line of red tide and good water. This year it was you could – I can go out just when I went out 40 miles straight out and the water didn't change. So that whatever was going on this year, is way and far above anything it's ever happened in the past.

Interviewer 1: Yeah.

Interviewee: The Stone crab are definitely living proof of that as far as I'm concerned that's and shells or [00:06:00] what live shells are as offshore there is nothing onshore. I had for whatever I don't know what the combination is but two up shells. I've catch few of those year not very many. This year I catch 100s up I don't know why they don't either migrate in or grow up or water. I've catch even unusual shells that I didn't normally catch it's like their moving from their normal habitat are where I was crabbing. It's seen like they were looking higher ground, the rocky area seem like that's a higher

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ground as like they were going from the mud for the sandy areas into the more areas that maybe had more oxygen there. It's like something normal to them, but not normal for us.

Interviewer 1: Yeah.

Interviewee: I don't know.

Interviewer 1: Okay. Were there any other observations or anything else that you want to share with us about red tide this past area is before that?

Interviewee: Caught me off guard as far as just thinking about it in general just you had try how often talked I – if I just started rather on usually most of comes back to me, but it doesn't always because there's something you said about, I forgot more than you'll even now.

Interviewer 1: Right.

Interviewee: And we start to getting all back.

Interviewer 1: While give you –

Interviewee: No, I don't.

Interviewer 1: Give you my contacts and you didn't think of anything.

Interviewee: Those are the main lines really stick out in my mind.

Interviewer 1: Okay.

Interviewee: And there's probably little things here in there, but I wish they would fix it.

Interviewer 1: Yeah.

Interviewee: We're starting to little frustrating, [00:08:00] it seems like it's about from Tampa, all the way into [indiscernible] [00:08:02] and that's a pretty big area.

Interviewer 1: That's a huge area.

Interviewee: Yeah. And I don't know what's going to bring it back but it's not just fixing the lake. They got more work in that to do. They need to get this development curved. I'm just looking when I drive home. I'm going to past 20 – 30 acres plots that are just mowed down. It just not that I'm a tree hugger. So I'm just thinking why are you keep doing that. You've got all of these other areas that you can spend the same amount of money and just nourish them. Just makes a lot more sense.

Interviewer 1: Yeah.

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Interviewee: I don't money.

Interviewer 1: Yeah. I know.

Interviewee: All money.

Interviewer 1: Well, thank you so much for coming and meeting with us. Could you saw in this consent form. As just your name at the top and then at the bottom too.