

# MBC Lynn Nahant Climate Workshop 2024

Wed, Mar 06, 2024 2:35PM 1:50:07

## SUMMARY KEYWORDS


beach, people, lynn, put, issue, change, folks, water, seawall, hear, great, signage, walking, storm, kings, area, flooding, harbor, pollution, wave


## SPEAKERS


Senator Brendan Crighton, Mark, Michelle, Dylan Dobbins, Emma, Aliya STH/STB, Nicole McClain, Representative Dan Cahill, Heather McLeod, Chris Mancini, STH/STB


---

 Mark 00:52  
Enjoy

 Heather McLeod 01:09  
I'm here with environmental health tears started. Yeah, there was one meeting I joined two weeks ago with DCR. Okay. We want people. Yeah.

 Michelle 01:34  
Good turnout.

 01:35  
Yeah. And I didn't realize you

 Chris Mancini, STH/STB 01:37  
Can everybody can folks hear me? And folks on the zoom here me? Boss Tucker, can you hear me? Nod your head? You can hear me. We got you, Chris. All right. All right, just build something up in the chat. At any point, if you are having trouble you're Hi, I'm Chris Mancini, I'm the executive director of Save the harbor save the Bay. And this is the first save the harbor slash methodology will be just the mission in person workshops in 2019. So why? Monthly? So we are so glad you're here. We really need your input. I'm gonna get into that in a minute. And I'm going to actually turn it over to our co chair of much multiple divisions and your senator.

S

**Senator Brendan Crighton 02:46**

multimeters commissioned for all the work and continue to for us really appreciate it now, obviously, loss was in at the staff level. Where did these events and I really appreciate you coming out tonight or joining us online, obviously, not the best night to go out in Drower deserves bigger accident to track issues, but you guys made it here. We really appreciate that. I want to recognize a few AI elected officials. We have a city councilor and complaints gonna be joining us remotely, I believe now. Also a member of the Commission as well. Looks like we have Mark Kalinin was just elected board member from the house. The foliage might be missing someone behind that level. But we also have Sean Reid, who's a school committee member here, in Lynn as well. So as I was thinking just a bit about all the work Save the Harbor, the commission has been doing focus on climate resiliency, and obviously some of the more severe storms and coastal erosion that we're seeing. I thought back to the day I was elected to senate which was March 6 2018. And on that day, then Chief Dwyer Nahant police chief took me out on this really souped up SUV very high above everything we needed because the peninsula was essentially flooded it was like something I couldn't believe it's in here that I visited my whole life and represented for so long and would it felt like it please something to do obviously serious damage along throughout the coasts on all sides of the peninsula also on on on the east side as well as just the causeway and you don't have to think back that long because the storms continue to occur in occur again to you not to that extent but it's expected that they're going to we live right near Lake Shore Drive and anytime there's a storm I take my kids down there guilty but I want to celebrate coastal erosion severe so as we go down there to watch the waves there the age is now 84 Where they ask questions they're interested to learn about climate change in talking to them about you know, while it's fun to go watch, you know we're used to this is a serious problem in the big about the next generation in what We're leaving them with it. Obviously, everyone here is here for a reason. It's because you join us in this fight to protect our coasts like, and today we have a great opportunity to not think globally though we'd love to, but to zoom in here locally on the hot in live and to think about ways that, you know, we things that we want to see, we want to continue to work on your desktop, but also just to hear your thoughts. So, as a politician, many of you have heard me blab on and on and on. I'm going to lay the plane and just give one again. Great, thank you for what is a start, I think a really productive conversation with a wide range of stakeholders. So thank you very much for

C

**Chris Mancini, STH/STB 05:45**

being here, I know you have these one other meanings to get through this. And it means a lot and you made time for us. So yeah, so Aliya, are we able to share the presentation up here and for the folks in zoom, we will jump right in. I will what we're here to talk about climate, climate, climate climate, everyone who is talking about climate change all the time. We are going to talk about it for us here. But I think we're going to do something a little bit different than what you might be used to, because of who saved the harbor Save the Bay is and what the Metropolitan beaches mission is. And actually, I do want to also acknowledge another Commissioner Chris Byer, who's here, representative, South Boston, I'm sorry, representative of Dorchester perspire. Also, we seem to have a board member. And yeah, we have been working save the Harbor on cleaning the water, Boston Harbor since 1986. And it's a little bit weird to me to be making this presentation and live where we do have the dirtiest beach in the Commonwealth. It is also the reason I moved up here. When I became executive director because I saw my predecessor turn south Boston's beaches into the cleanest, beaches, country.

And that seems like a good idea for the next Executive Director, go go live near dirtiest beach and take care of that. So some of you may have been to some of our conversations and meetings about pollution on Kings Beach, we're gonna be focusing today on what Senator Creighton started talking about postal aversion. And we're really trying to zero in on the long term picture and what people value people in this room, people in the Zoom Room, other people in the community, what's important to you about your we really feel like we've spent 40 years a investing money in cleaning up the harder, we're investing more in cleaning up Kings Beach, specifically, we spent a ton of time, effort and money connecting people to these resources. Some of you in this room have just written a better beaches grant to save the harbor in the NBC to get money to put on free programs. So I don't know the exact dollar I know, I know, just the better beaches alone. It's been it's about \$3 million. And folks have leveraged an additional seven or \$8 million on top of it. That's a lot of money to invest in teaching people and connecting people to these beaches now to realize that not only do we want to be connected to these resources, we actually have to be protected from these resources at the same time. And can these two things coexist? And can I get the next slide is? So as we have this conversation today, the way this is going to kind of break down is we're going to get we're gonna just do a little background, I just did on Save the Harbor, and we'll talk about metropolitan we just commissioned why are we talking about the beach specifically? Basically, we want to ask the question, what do you want from your beach? Now? What do you want for your, for your descendants yours in your family and friends? Your children, your grandchildren? What is the experience? You hope that people 100 years from now? Will Have you really felt like to see retained? And does do those guys currently? How can you help we're going to be breaking into workshop groups, you can see we have four tables, you've already kind of separated yourself into a table. Although I know this one probably has a couple extra folks that we can read it readjusts a little bit as we go to folks to be broken into, into into breakout rooms. And we're gonna be using something called the RAD fridge, resist, accept direct, and I'll talk about exactly what that is to answer our questions. I'll share a few case studies give you examples of the types of things that can be done. Then we'll break out into groups to answer the questions which will be up here, and then you'll report back, I'm hoping we'll get some stuff that we can at the end of this kind of vote, we can get some top level ideas, but things that are most important with this group, and we'll have stickers and everyone go around the room and kind of put your stickers on that stuff that really we've watched you the goal here the outcome of this and we're going to be doing this workshop here. We're gonna be doing it in all the Metropolitan beaches from Lynn Nahant down to Nantasket beach. Each and the goal is to be able to take those values and advise make recommendations to the Metropolitan beaches commission to the DCR Department of Conservation and recreation and to the towns and cities on strategies or policies or practices that they could look at to keep these make these values contain these values and keep the beaches what we want them to. Alright so let's get right into it because no one be here all night. away and yeah, so I already talked a little bit about save the harbor. We do a lot of stuff besides managing Metropolitan beaches commission, including a lot of what we do is free programs, you've experienced some of the better beaches programs most likely to get two free cruises to the Harbor Islands with a jobs program for high school students and Willesden, your lifestyle separate. The goal is to clean and protect the resources and share them with everybody. So next slide, please. Yes, just a few of the stuff that we've done over time. We did successfully advocate for the Boston Harbor cleanup eliminated all the outflow pipes on South Boston's beaches. That's why they're disturbing beaches in the country, working on improving communication and flagging about the cleanliness of images. Now, let's just keep going. How do you manage the Metropolitan beaches commission for for the state legislature there's some Berceuse up to the to the MVC and the that's about the beaches commission is tasked is made up of elected officials and community representatives from the Metropolitan beaches region to make recommendations on the maintenance improvement and

access to our beaches. And I just see that the Nicole McClain, our city counselor here and when and a community representative for the nonprofit seat on our beaches on our metropolitan beaches commission is here. Nicole, would you like to jump in and say a few words while we're on our MBC slide?

N

Nicole McClain 12:12

Oh, absolutely. Hello, everybody. Good evening. Thank you for inviting me and recognizing me, Chris, thank you so much. So being the commissioner on Metropolitan beaches Commission has been an amazing experience. And the Lynn beach and King Beach is very close to my heart. So I'm happy to be a part of, you know, bringing people of various cultures to that beach and being a part of making sure that you know, everyone is you know, experiencing the beach in a safe and healthy way. Working with the Commission and with the counselors to make sure that the that we're cleaning Kings Beach is of paramount in my paramount issue to me. And I want to work make sure I'm working with the community to push forward that issue to the state and work with our state delegation to make sure we're we're exploring all possible solutions to making sure the beach is a safe and clean and usable, swimmable beach. So I thank you so much for recognizing the press. I don't want to hold up too much of your presentation.

C

Chris Mancini, STH/STB 13:28

So much the call. Glad to have you here. All right, let's let's keep going on. Oh, yeah. So as I said, our goal here is to try to understand in this space last year, the MBC released a report on equitable access to the beaches, focusing on barriers on lines of language, physical ability and race, and have been implementing some of the recommendations that came out of that report last year, and we continue to do that. And in the current media, adding adding new a new a new item to our agenda to understand the physical conditions at the 14 beaches in that region. I mentioned the beaches specifically that are maintained by the DCR and how understand how these are going to change over time and how we can mitigate those those challenges. But also accepting the idea that things are going to change to how do we adapt we enhance our relationship to our approach to the beaches again, why the beach obviously we're it's squarely in save the Harper's mission. But we think that these beaches, including Lynn and Nahant beaches because they they provide their ecological, economic and recreation resource. We already have I already just the sunk costs, we spent 30 or 40 years investing millions, maybe even 10s or hundreds of millions of dollars in these resources. We know that this change is happening. It's Growing massively evaluate the future adapt. We know that these beaches provide a great harbour ecosystem, they do buffer against climate change. So there are some part of this conversation will be well, you might not have to do anything because the beaches are protecting the infrastructure. Now, we would like to know, by that we can have fun. And obviously it can promote health, mental health, physical health and in public health. So we had our goal for this meeting, and saying it a lot because I just want to go we get into a break out groups, people don't really feel like they know what to what to say. Yeah, understand how many inches are used in your community, understand what we value about them, and learn how the change is going to impact it. And how it already is impacted. So you're really looking for your local expertise. How can you see how you directly experience that I know I had my first like real climate change experience about a month ago and storm during the king tide, folks are gone. And I went down to watch the way it's just like Senator credit. And we got to sell our senators and let's go look at other ways. So Lynn the swampscott, and we chose to Marblehead,

it's, you know, it's probably really cool out on Marblehead neck. So we drove out there, when we tried to get back, we could close the neck, and it was actually throwing rocks and boulders up onto the causeway we sat there, everything was really fun for the first hour and then really boring. Started on one spot. This kind of bonding experience with very so. So how important is the beach to community, we're talking about two beaches, we talked about Lynn Kings Beach and Nahant beach. Obviously, I've been totally cozy with both of those beaches up here. We, the city of Lynn, and the planning department to the hazard mitigation. Yeah, Hazard Mitigation Plan A few years ago. And so we do know that shoreline change has been identified as a top concern. And that as part of the preparedness system, we know it's going to lead to increase shoreline erosion. And it's going to anyway, the point is we've done our research, we know this is an important issue we're trying not to reinvent. So a couple of couple years ago, we did a report on imagining the basic without beaches, looking at projected coastal inundation zones. So we have, you can bring these slides back up during the during the breakout session as a reference that you can see the potential inundation zone properties each, you basically lose the entire pitch just right off the bat, the seawall is doing its job. But along that storage space is broke, we do get that photo into the material. We all know that seawall is in constant need of of improving care, work. Nahant, obviously, this is partially a bandaid causeway. And again, that you do with that inundation during those high tides, you could, in this scenario, basically move the entire closet, which obviously presents challenges to people who live out there. In addition to losing the actual show, there, we are fairly confident that this changes is going to be evident. Next slide. Alright, so this is how we're thinking about this issue. Resist accept direct, this is a framework developed by the National Park Service to manage for ecological management. We like this framework, because it encompasses the entire decision. And then it tries to look at the different options, and can assist us with deciding how to respond, that we have options and the ways that we can respond, and really picking the best solution for a specific scenario. So you may have a different solution and lead that we have in Hull or in Boston. And it's not necessarily you don't have to feel like you have to give us the answer to that. Oh, you should definitely do this. And here's what you should do. Although you have really strong idea, write it down, we'd love to know that too. But, but again, we're really trying to capture like, it's important to us. So your next slide is just here just for a visual aid. You have to resist that is to metaphor of a sailboat. What would you sail turn the internet fight back against change those That's right. So to get to the destination you want through the resistance, except scenario is to just accept the changes happening lower the sails and but the wind and the seas blow you wherever it wants to. And then direct, that's to raise the sails use the sails and guide, we're kind of in tandem with, with the the change that has happened. I'm realizing now and I'm saying it out loud. I think this almost a setup to make it seem like direct is like the best version of this. And I just don't want us to fall into that trap. Obviously, that might be ideal, but we can have it all. But we might just want to, at some point, realize like, well, in this particular case, we have to go with the business figure, we're gonna get everything we want. We're gonna have to use except because we just put it out. We want to come up and talk a

A

Aliya STH/STB 20:41

little bit. Yeah. So this one was actually in the news recently. So you guys have heard about resilient coast which is an initiative by the state. Everyone, let us look better for the PDF. So we have a new resilient coast effort, which is going to be by the state and they've already started working on that. And basically, they're going to be working on coming up with plans for all the coast of Massachusetts is in its early stages right now. So we're still waiting to learn about what the plans are going to be. It's going to be not within the states. And it's going to be with CvM as well. So, yeah, coastal zone ventures.

C Chris Mancini, STH/STB 21:33

Yeah, just as a quick reference, what my boss is doing. Yeah,

A Aliya STH/STB 21:36

so this is the big one that's been happening is probably the one you guys read online, but city pirate radio bosses done by the city of Boston, and it was released in 2016. And it's a comprehensive report about the city of Boston and just climate resiliency efforts that won't get done. There were concerns there are along the coast and coming up with ways and ideas to be a more climate resilient Boston resilient Boston Harbor, it's also part of the Private Party Boston efforts on focusing specifically on Boston Harbor and not just additionally, for local efforts. We have gotten like 40 steps, each has a coastal zone grant, which is a grant that allows

M Mark 22:35

you to break sort of I think it's a doorbell.

A Aliya STH/STB 22:39

Yeah, so 40 Steps Beach, proceed the coastal zone in red state, which was to prepare for severe storms and climate change concerns. So it's going to be a process where they can create a guideline and plan for how to address certain changes or climate change concerns, at except beaches. And also, there's a short beach grant which was for specific issue. And it also for Lynn there have been live hazard mitigation planning, which is to address flooding, severe storms, winter storms, and extremely difference

C Chris Mancini, STH/STB 23:26

All right. We're almost at the end here. This is just the some of the case studies and some of the strategies and engineering available some of these things, may have heard of some or all of these things and be surprised how the burns are or something that works with the wave motion they were to mimic the the natural state of the beach and put them at the base of a dune area and they provide some wave attenuation while shoring up a dune situation can really really slow down that dune erode over time. And there are some already in use and Winthrop Duxbury, Falmouth and other places. The next one, sea walls. I think we're all very familiar with the walls up here. I have we've included some photos of similar dramatic sea walls in Japan. Tsunami barriers, they're, they're incredibly large, but they're they're necessity necessary up there because of the threat from an earthquake and tsunami, but again over time, you know, is this something we are going to have to think about based on projection? The seawalls are a hard scape. They, they they, they do resist the wave, they do protect against that high storm surge. They have a really great use, but they do limit the distance that a beach can move and change and the priority is going to be hanging out To make sure that beach day's seawall it's going to be maybe not the thing that's going to work with that. And it can cause increased

erosion in front of the seawall. I had not thought this slide up completely. But this is from Bowman mitigation plan, just some different versions of this. Living seawall, this is the living seawall technology. I don't know if that's the right word, but was recently a recipient of company in Australia, the earth shot prize. And folks remember when that came to Boston, Prince William came here and they had a big event. They can modify those flat featureless hardscape from the seawall, they don't necessarily do much in addition to prevent erosion or, or, or stop the wave they do is that they can increase biodiversity and the amount of life just something to do with a seawall. So it is something like, Hey, we've got to do seawall. But here's something that the picture, we keep some of these values, and they have excellent. There's this idea of wild by design, the idea that mentioning a place over the beach in Staten Island had to do, they got to the point where like, these are about 300 homes just ready, they had to basically buy up homes move people out in short order. And you can see this, after about three or five years, the area is like returned to almost a natural state. And does you know act as now a natural buffer, crescent, staten island directly inland neighborhoods. There's also a town south of San Diego and Imperial Beach, they have not needed to do this yet. But they have made a decision as a community to have a long term plan so that no, no one's going to be forced out of their homes there. But if anyone sells that at home or someone passes away, the city buys it at market rate. And because they prioritize the beach, the beach is the heart of that community is driver tourism. And they don't see the existing without, so they're making things now, they don't have to do it in an emergency situation to allow the beach to just do what it would heal naturally. Alright, so this is your background. And now we're going to break it into our breakout groups. I see some folks standing in the back we love you can there are plenty of seats up here to join a table. On your table you have either in Nahant Beach now or a kings beach map. Now if you don't take that you also have some slower and cheaper paper, the video that we'd love for you all to just discuss. You can choose one or the other or both. You can also choose your seat based on what to do there and presume folks will break into i think two breakout rooms, at least into that chair, the note taker and a presenter here to keep track of what you're coming up with and try to answer the following questions Which I'm going to put up on the next slide in a much larger format. So you can reference it. If you're on Zoom, or you're here and you want to or you're watching on television and scan this QR code you can answer these questions on on forum. So it's going to stay the questions out loud. We're going to take about a half an hour, maybe 40 minutes to do this and people start wrapping up, feel free to just raise your hand and let us know. So the question, what's working right now? How you or your friends or your community? How do you use this beach? What's going to change? What are the values you would like to see retained as we adapt in the future? And this is about this is a long this is a tomorrow? Although some of these things might happen on a sporadic basis as we've seen in the short term, but what is the thing you want to see in the next generations? And then what's not working? What's missing? In your current experience at the beach? What's missing from the plans that you're gonna need to be considering? Okay. Yeah, that again, the hardest question is you're about what is what is the value? What is the highest value of these resources? So yeah, before we do that, anyone have any questions? All right. So I will also say we do have a group who's going to do a brief comment afterwards. From The Harvard design school they're working with the city of Lynn on it, tree canopy and heat. extreme heat conditions have directly beach related but each adjacent and they have a brief questionnaire on your way out. Or if you'd like to talk to them, we'd love to just answer yes question,

H

Heather McLeod 30:19

what would you like us to do with this giant paper?



**C** Chris Mancini, STH/STB 30:21

Take your notes, discussing and talk to me again, a little brief for but what we want to hear afterwards is like, that's kind of the notetaker where you can report out here's what here's what we came up with. And then what we're going to do is on those report adds it's trying to capture the top level set on multiple sheets, put them up on the top this go around at the very end of this because yes,

**i** 30:47

it's just gonna address the outflow, at all I need to

**C** Chris Mancini, STH/STB 30:51

know. I know in his baby the issue to me personally, at save the harbor works on the beaches from Nahant to Nantasket, and he's always talking about living ceases. This conversation was not specifically about that, but it's a great question. As you're talking about King's beach, I tried to think like how do we answer that question, right, because the way we use these beach now during that last question, what's missing from your experience I expect a lot of us are missing the experience of swimming at Kings Beach, right? Clean water I love it. It's kind of like let's put the sake of this exercise you don't have to do this you can do whatever but I would suggest let's let's make a hopeful assumption that we will get clean water within 100 years because we're talking about this long term we will hopefully have clean water within the next within our lifetimes within the rest of our lifetimes. And then how do we want that how do we value that beach

**M** Mark 31:59

you're gonna have a you have a

**C** Chris Mancini, STH/STB 32:01

conditional you know if there's not clean water I have completely different opinion of what we should do just a 20 foot sea see you all with the telescope Alright, thanks

**i** 32:17


Mark if you want to speak they should be able to do

**M** Mark 32:21

so yeah. Thanks for holding it tonight I wanted to anyway for people who are on Zoom to



participate in this either through the chat room or something along those lines. Yes.

 Chris Mancini, STH/STB 32:37

We are going to do this to breakout rooms. Yes.

 Aliya STH/STB 32:40

Which you should also be able to see at the bottom of your screen it will say breakout rooms and I've created two for Kings Beach and then for Nahant beach. So you can join the breakout room of your preference and I will also be putting the Google Form into the chat and we will be moderating those breakout

 Chris Mancini, STH/STB 33:00

do the same thing answer those questions and then report back to us everyone else did you get that did you get that everyone on Zoom oh they can opt in

 33:21

yeah they can choose to

 Chris Mancini, STH/STB 33:22


yeah you should all be able to opt in to whichever Breakout Room you'd like oh great

 33:34

yeah

 33:38

sorry we couldn't we have no other

 Aliya STH/STB 33:51

questions yeah so if you already know which area you're in I think my semi defaults into other

 34:10

more relevant to us yeah but



34:15

what is and then what's not working what is missing from the current experience or plans for the future



Nicole McClain 34:28

they want to go first



34:29

think Aliya dropped the form in the chat to



Nicole McClain 34:43

Leah's is that you want the background noise? Watch.



Aliya STH/STB 34:48

I'm gonna be working so that you guys don't hear all of the background noise from here. So if you could just give me one minute but I dropped them note taking form in the chat And I'm also going to draw a PDF with two photos from King's speech and the photos as well. Let me actually move myself.



35:14

Okay, the Google Form is in the chat, I just pulled that up



Nicole McClain 35:23

okay, I got the Google Form up to now so what's working? I think it's a beautiful place to walk jog. People use it for that. It's a beautiful place to go with your dog. People used for that. It's a beautiful place for kids to run around on that nice space that we have there. Even walking on the sand, I see a lot of people using the sand. And you know, I've seen artwork on the sand. I've seen a lot of great things happening. I mean, my me personally, I have festivals there that bring the community of petaflop the Diversity Matters festival there for the last couple of years. There's music there, the Fourth of July happens there. So it's it's a venue that's used to bring the community together. It's used for residents to do recreational activity. So that's what we have there right now.



36:34

And there's fishing to I don't know if they're still doing that at the end of the Red Rock Park. But yeah, that was a big thing.



Nicole McClain 36:40

Yeah, there's a lot of water sports, too. I see people doing the board boarding I don't know exactly what it is. And they have like the parachutes. Some of them on the boards. parasail I don't know where you can call but yeah, like



36:56

boarding? Yeah, yeah. Even they do that for they have like go karts too. So they like drive the carts? Yeah. Yep.



37:10

Yeah, I mean even just like there's a I don't know if it's part of Lynn technically or Nahant, but there's the playground to the rotary



Nicole McClain 37:41

southern island. So inside Yeah. Yeah.



37:45

We used to live on Lynn Shore Drive. So our history is we lived on Lynn shore drive for 10 years, then up beach ave for our nappy chopped up. My gosh, I'm forgetting the name of the street that we lived on. Nahant street for a couple years, but we had our oldest there until she was about four and a half. So we were on that playground pretty much every day. That was her backyard Yeah, so




Nicole McClain 38:15


that was great. Yeah, that's a great is it is a great place to go and do recreational activity other than swim





38:24


Yeah, and the beach house could be it's a good resource now that it's open there's bathrooms you know, obviously it could be better yes, it'd


 38:36  
be better


 Nicole McClain 38:43  
and there could be more bathrooms I think on the other end like going towards Swampscott I think that if we could figure that out that would be nice. You right?

 38:52  
Yeah cuz there's there's like the they call it the halfway house to the Nahant but there's not really anything going up towards Swampscott even like even like a like a spray station or something because people will use the water fountain as like a clean up your feet

 39:10  
Oh yeah, yeah yeah, they do.

 Nicole McClain 39:20  
So that you guys want to go to the next one. That's what will change portion. What values would you like to see reflected as the beach adapts the future sea level rises What experiences do you hope for our descendants

 39:44  
I guess I'd hope it was Kings beach was clean. But you know I mean, it'll be nice. Be clean for the descendants. I don't know if it'll be clean in my lifetime, but I don't think it will be you Don't think it will be but yeah.

 Nicole McClain 40:04  
So yeah, that's I'm gonna, I'm going to put I would hope that my that our descendants could actually swim and enjoy a beach that they could you know? Yeah on hot sweltering days really get relief at you know like I see people using it even in these hot days I've seen people use it and have them like go over and talk to them about the water and how it's not safe and yeah, it's just there's not enough signage that's what we should put. I don't know if the signage is enough that is currently there. And if it's translated I don't know if I've ever seen like a sign in Spanish or a sign in another language that says this speech is not swimmable or when it's not is there translation over there? Does anybody go there more than I do that? So



41:00

there might be I know there was a QR code at one point it was save a harbor I know Yeah. They worked on that a little bit. The the thing that used to get me as it showed like no swimming so it had like the person like x out swimming and like people were still walking through the water in case or splashing in it. So it's not like they see with see that and and I would talk to people, you know who were in just walking through the water at Stacy's outfall, and say you shouldn't be walking here. There's High bacteria. And they're like, well, it says no swimming, but I'm not swimming and there's just no lifeguards. Maybe that's why it said no swimming. I thought it was just cause of no lifeguards, like no, it's, it's a fact. Yeah. So I was like, go home, wash your feet, wash your hands, like all those things. And yeah, just be ready for the kids to get sick with the stomach bug. But yeah, so I think better clear communication or signage that yeah,



Nicole McClain 42:03

that's what I put up with clear signage, translation of signs. But I mean, I don't think a QR code. I mean, a QR code works would work for me, but I don't know if it will. And is it consistent, like going to Is there enough of them for people to see it at any part where they would, you know, enter the water or into the beach? Right?



42:32

Oh, there's some pictures in the chat.



43:06

I would say better accessibility down to the beach, too. So the stairs, some of them are kind of falling apart. And I have I've heard from an individual who uses a wheelchair who says it's it's not as easy as you think like even on Nahant the beach. They had one of the accessible beach chairs. And that's got stuck in the sand. So, you know, there have been situations where it's not as easy to use to get down to the beach. So it might be maybe accessibility, or, you know, handicap access. Yeah, it's near and dear to me right now. Because last year, I spent a year in elementary and there was a boy in kindergarten who's he can walk but he was somewhat wheelchair bound. And so he would talk to me about you like, he likes the beach, but he couldn't always go. So that was kind of like heartbreaking for me is like okay, I'm gonna push for this, you know, in every way I can because he goes to the pool. It's you know, he's like, I go to the pool and I can swim there but I can't get to the water at the beach. So



Nicole McClain 44:25

at the beach. Yeah.



44:29

And for reference, we live in Marblehead. So this was at Devereaux, but it's it's kind of the same issue. Like they have the same kind of chair that it's sometimes it works but it can get

stuck in the soft sand and it's hard to actually literally at length

 45:26

And the other thing I don't know if we want to talk about the flooding. Tiffany you might have a better idea so when we lived in Lynn Shore Drive we were at the breakers building. Yeah. And the year that we moved was the year that in we had a storm and March and the water lapped up to our front door. I was like nope that's it.

 45:52

I mean even the storm we had this year I mean it didn't get to the front door but I mean the the waves managed to cross over and it got into like the middle of the street and like almost to the other end so I mean, it didn't get to the but it got like almost halfway over like the street once the water came over and then they had to close the street. So

 46:12

what about what about what about like a higher I don't know if a higher wall or the ability to add barriers when there's a storm. There's most of the storms are forecasted. So it's not like a big surprise. You know, there's gonna be a high tide it's a full moon high tide. With 50 mile an hour winds blowing in Yellowstone, you know, it's gonna flood. It's the same like, I

 46:42

guess that would be something I don't know. Like, you're saying something that would be put like on top of the existing wall is like, an extra couple of feet. Whatever barrier? Yeah, just

 46:54

to block like the wave. Oh, yes.

 46:58

Go over. Yeah.

 47:00

So maybe the waves will crash over.

 47:04

stuff. Yeah. I mean, yeah, I mean, kind of material they would get Yeah, but if they have that, or something we can? Yeah.

 47:13

Even in Swampscott. It's the same issue of Humphrey Street. It definitely washes across on the Kings Beach, just north north of Kings Beach siding. That is

 Nicole McClain 47:29

I saw a video of a friend put that in the what? What's not working area, right.

 47:36

He drove his jeep through it and like posted the video and it was the water was it was a Jeep that can drive through the water. But it was up to his doors. Oh, and he was driving like taking a video and he's like, Yeah, it's pretty bad. But only three feet of water. The ocean is here. And that was the storm. Maybe a couple months ago.

 47:58

Yeah. Guess that would be that. Yeah, that would be something yeah. Nice to have are good to have I guess. Yeah.

 48:14

No, um, what was the other I sort of lost it with the questions. So we did

 Nicole McClain 48:21

we did them all. We answered all of them. I submitted mine. I don't know if you guys submitted one for yourselves. But I think we covered all of them. Should we just go back to the main group?

 48:34

Sure. Yeah. Okay.

 48:39

I think it just leave room.





48:40

Yep. Right. Does that mean



Nicole McClain 48:43

the breakout room? Not leaving meeting? I do I



48:50

do yeah. You shoot Did I do it? I don't you made the rights by I don't even know. So you



49:00

can leave the room and then not leave the meeting.



49:06

I don't know how to do this.



A Aliya STH/STB 49:10

So at the bottom if you click leave from it will say leave room or leave me. Oh, so if I click on leave, it'll give me the option.



49:22

I'm sorry. Wait, what? Oh, sorry. If I click on leave, it'll give me the option to leave room or leave meeting. Yeah. So you can say I don't click leave and it just kicks me there. Okay, leave. Yeah.



A Aliya STH/STB 1:06:41

Tell us your thoughts. Can folks hear me on Zoom, you do hear us,



C Chris Mancini, STH/STB 1:06:47

I'm just gonna make a quick explanation of what they have over here. Because once we're done here on the way out, as you recall, and they get a bag of chips or a banana with you, they have a really great setup over here. Do you want to watch explain better than I did what it is.

M

Michelle 1:07:07

Thank you, thank you so much. Where's students from Harvard, and we're doing a study about extreme temperatures. So the idea is to understand a little bit about your experience in heat with hit and lynn. So Summer is coming, when to know where you guys go to cool down where you guys feel most hot. And then we're gonna work on proposals with that. So that's what we need from you, we have two main activities. One is for to get feedback. And one is the report where you can pin ideas of how to cool me now. And we also have brochures with information about like going centers and places you can go to go down. So that's it, it's really quick. And we have a rifle. And we have chocolate, and thank you

C

Chris Mancini, STH/STB 1:08:09

all right. So with any group like to volunteer to go first, we'd like to hear you know, five minutes or less, kind of your top ideas. We're going to keep all the ideas we're gonna take all those notes and we're going to create a summary and read all of our notes to kind of synthesize it but we'd love to hear kind of like the highlights. And Kristen Do you mind if I ask you to kind of jot down like the big ideas on bit on separate on separate sheets so that we can have do the stickers Alright, who's volunteering I'm looking at anyone want to raise your hand? Second grade teacher I saw him his hand moves. So it's now your table all right, tell us which guy

👤

1:09:04

they want me to show.

C

Chris Mancini, STH/STB 1:09:04

Oh, you're making the Save the Harbor. We want to hear from the community. Just live here.

E

Emma 1:09:13

I can summarize what my room okay, which were a lot of great ideas. I guess I'll start with what's working. People were very pleased with Red Rock Park. They thought it was very well maintained. There were a lot of social gatherings there. So it's really like an appealing space. There were some comments about how there used to be covered benches there but there are no longer now the benches are uncovered. And it would be nice to have some more covered beaches so that when folks are hot, they can cool off in the shade and when it's raining as well. They love that the parkings free that it's excessive that the beaches open to the public. And also just that it's such a nice Vista like with the walkway they see folks outside all the time using Using the walkway, and how it's very, you know, populated when when the tide is or sorry, when the the water quality is safe people are on the beach enjoying themselves. And then moving on a little bit to talk about what's not working. One of the big concerns that people voiced was actually safety issues on Lynn store drive like shoulder length shorts. And how there's a lack of like speed signage that sort of alerts you if you're if you're going too fast. Also

that there aren't really enough crosswalks that connects the status. Yeah, the staircases. So that's an accessibility concern. Let me know if I'm speaking too fast as to and also that there are a lot of trucks driving down Lynn Shore Drive, even though there should be no trucks driving on that street. They were talking about how they want a little bit more enforcement around the the policies, they're also regarding Red Rock Park, there's no bathroom. And so people, unfortunately will relieve themselves on the rock itself, which can get a little smelly. So putting bathrooms there. And then, yeah, obviously water quality, I think that'll be no surprise to anyone. Another thing that folks mentioned was that dogs will often be on the beach, even when the red flags are up. And that that's really unsafe for the dogs themselves, because there'll be like licking what's on the ground and stuff. So just having better signage around. Like dogs being allowed there when it's when it's red flag time. And then also regarding the red flags, it they noticed that people will still be on the beach when the red flags are up. And we sort of discussed how like, I think oftentimes red flags might connote just that you're not allowed to swim, but really hear it's a concern of like, you actually shouldn't go on the sand at all on the beach itself. So maybe having some more DCR staff to like, make sure that people aren't actually going on to the beach when it's unsafe. And then the last thing is that there was also folks were just sad that the Pebble Beach is no longer there that used to be down at Deer Cove. Because when DCR was they were rebuilding Lynn shore drive they like put a lot of pylons near deer Cove. And that got rid of the the Pebble Beach that used to be there. And so folks were feeling nostalgic and sad about that. Yeah, did I

N

Nicole McClain 1:12:41

can you guys hear me out? I can talk for the girls online if nobody else wants to. Can you hear me?

C

Chris Mancini, STH/STB 1:12:50

Yes, yes. No. Yes, yes.

N

Nicole McClain 1:12:54

But we were saying about the same things that was that we just heard. But we also was talking about flooding there was it wasn't mentioned by the previous group. So there's some issues with flooding when the waves are high in this there's a lot of storms so a solution was brought up of building something a little bit higher on top of the walls in the area that's closer to going towards swamp Scott like that area there. And I've seen it actually blood there's there was there's been plenty of pictures, plenty of videos of it. So that that was an issue that wasn't mentioned just then and also the signage was it wasn't mentioned because people still go on the beach when they're not supposed to like I've seen families walking with their small children and well I would go and tell them like you know, you shouldn't be in the beach and I'm another woman mentioned the same thing. And people would say well, I'm walking, you know, my feet in the water, but if it's high bacteria, they still shouldn't be doing that. So I think like clear signage would help like saying, you know, there's a bad guy bacteria level and have it be translated as well. And in more numerous places along the wall of the beach somehow I'm not I'm not sure how that can be accomplished. But it just needs to be more frequent signage as

you go down to the beach so people could understand that they're not supposed to be in the water. So those are two things I think I didn't hear from previous group and love anyone else on wants to say something

**C** Chris Mancini, STH/STB 1:14:39

did anyone talk about the first question? Have you use the beach? Yeah, yeah, because I like the all this is really good. But you know, like hearing like, zeroed in on red rock bar. And, and the idea that there's free parking I go there to to really, really positive Thanks. I think so. So yeah, as

**N** Nicole McClain 1:15:01

we give me just positive things, we did say that there's a lot of community building events like the music events that happen on the beach. Fourth of July. event that happens. We said that the green space is amazing for families, we see people walking their dogs, we see people doing healthy living activities like walking and just running along the beach. It's a great place for contemplation. I see a lot of people just sitting out and doing their mental health work. Just walk looking at the waves. So there's a lot of great attributes of having that space, especially for community building events and for just staying healthy and communing with your family community.

**C** Chris Mancini, STH/STB 1:15:49

Awesome, thank you. All right, I'm gonna go to the Nahant beach group. Nothing to necessarily talk about now impeachment. Just try to keep it in this. So feel free to add anything? Can everyone hear me okay?

 1:16:12

All right.

**H** Heather McLeod 1:16:13

You ready? So my name is Heather McLeod I was here. We did talk about Nahant and Kings Beach, there's quite a lot of overlap. So some of the talk about broadly, some are more specific. As far as what's working, I wish to be listed more, but it's not a lot. And we are I a lot of us are using it to walk down the beach with our dog. Sometimes, we were happy that there's taking lower still there at Nahant Beach was pretty much all input. What we've been doing a lot harder than that. I'll talk a little bit about what's not working for ourselves. So we called out about the algae. That's a big problem. Invasive species was talked about trash with a big topic. Cigarette butts, plastic bottles filled with sand needles, fishing gear, some What did you say you found like rubber gasket, loads of rubber gaskets. So thats not great. And as far as what our values are, we want to change, we do want to be able to be out there and feel safe. So being able to sit on the beach, being able to swim, especially for kids, making sure that the kids feel like they

can be on the beach and not be afraid that they are sticking needles. So that was a big topic as well. And we talked about a lot of ideas of what we could do. Some of them are a little crazy, one that we talked about was allowing Nahant beach to go and replace it with a bridge that could allow the water to flow more. Again, I'm not not a scientist, so I'm not sure what the implications of that are. But we need to throw the idea on the table. No matter how crazy it is. Um, we also talked a lot about just people making sure they clean up after themselves making sure we're trying not to contribute to the microplastic pollution and up here. And investment in the drainage system. Obviously, that's a big problem as well. Did I miss anything that really like to bring up at this point? Awesome. It was like if someone's

D

Dylan Dobbins 1:18:40

looking at the infrastructure of NAD infrastructure and see if it can be modified way, like the causeway, you could take on a section and put bridges. Yeah, there's so much infrastructure. Yeah, maybe some of it could be modified. Yeah. And through this like dams, cross bridges, across rivers, there's gonna be some way that they could be modified so that they can be with the system that's already here in place. I said to go back 100 years and take a look at the maps to see what was working 100 years ago before we put all of this infrastructure in and maybe we can get a clue for the past what we could do today

C

Chris Mancini, STH/STB 1:19:37

All right.

A

Aliya STH/STB 1:19:46

Do you come up here so everyone in the room can hear me? Yeah, I can hold it up for you. So just a comment from the chat or know that we're going to record it. We are recording

D

Dylan Dobbins 1:20:12

Okay, so my name is Dylan Dobbins. My name is Dylan daven it from the non resident takes her for us speech every day. So this is very much important to me. So we talked about how to people use the beach, and I see lots and lots of people use the beach every day. So it's amazing how many people use the beach. People do. There's a lot of just average walking whenever the weather's decent enough they walk the dog or there's just beach going. Are you talking about Nahant specifically or both? Well, both but I have more. I had more experiences in the Nahant but our table had things beach as well. So this is a general Nahant beach and Kings Beach. And I know the uses are a little slightly different. On the beach. I'll talk about something we have in Nahant but this covers both. There's fishing, there's a lot of surfing windsurfing. There are events people do you know birthday parties and things like that wedding after wedding events. This family gatherings, bird watching the bird watching is fantastic. Lots of great birds. And then just sunrises and sunsets you people see people just out enjoying sunrises and sunsets all the time. Oh, and one thing that I've noticed just on the hot side, particularly big use of the beach is relief from summer heat. So beautiful summer weekend a people use the beach to the maximum. And I guess my only concern about that is there not a

lot that they can use it to the maximum because the parking lot fills up. And so I think a lot of people avoid going because they know on a good day they can't. So so that's one thing we'd like to address. Okay, so what will change what we think global warming will do to us? Well, we mentioned continue to access that data is what will change. Oh, we thinks that some of the sand availability may change, we've noticed that the beach, at least I've noticed on the Nahant side, the beach has been extremely stable for many, many years. Just this year, with the two spring high tides and just the moderate storms. It's dramatic, there's actually three to four feet missing. I haven't measured it. But I mean, I'm not exaggerating that at all. So there's three or four of the mistakes of the beach, all of a sudden is is not very stable. I don't know how much of that's just the winter erosion, we'll get back but it's not typical. So increased erosion is probably going to be an issue. Let's see, we talked about doing restoration, just improving all the vegetation. And then obviously, you know, we're going to keep mentioning it but water quality, but also particularly just to tie it into the global warming. The water quality is dramatically you know, you guys all know this, but the rain that we'd record rains with heads this year. So record red flags. I mean, it's literally unusable. I don't know, you know, what percentage is? How many days were red flag, but, you know, in terms of using the beach, and then and then just me personally, one of the things that one of the reasons that maybe the action isn't happening is people don't that the risks are tangible. So people continue to use a beach, they will have tangible risks. All right, now I'm getting over giardia. And that's kind of the only way you get that I didn't have any other risk factors for it. So um, you know, and also I know a good friend of mine that almost died of sepsis. And his doctor said, Yes, you got it from the blue water left behind and the details the infection are yes, that you absolutely. So, you know, it does affect people. And, you know, we literally can't bring the kids to the beach in the summer, we'd love to have a lot more activities, kids or students activities there and we can do that as often as we'd like. I guess along those lines that have more positive build somebody brought up in terms of the usage, they just thought what, you know, what the youth are saying somebody had access to what how the kids would like to use a beach and they would love to, you know, increase watersports have STEM programs, just anything they can do to get to local beaches would be the proven in terms of the usage of the beach. Yeah, and also, you know, kids today are very much into what they can do to take care of the environment. So that was just sort of the kid the adolescent perspective. Um, so Oh, and oh, let's see, oh, the supplemental water quality. We talked about it'll change flooding will become more common. Somebody also mentioned that, you know, the water flooding some of it happens at Kings Beach through the existing outfall pipe. So that the you know, the outfall pipe actually has flooding come into it during storm systems and actually that causes some of the flooding. So, okay, so then we said, Okay, what's not working today? Obviously, algae and water quality and water quality are, are high on the list. Erosion is something brand new this year that I've noticed, I didn't notice erosion didn't seem to be a risk for these beaches at all. But this year, it's becoming a seems like an obvious risk. Some of the things that aren't working today are also like I mentioned hot summer days, you just don't have the capacity to handle that, you know, burst of usage on hot summer days. The signage, people mentioned the signage quite a bit. So there's just a lot of information in terms of the water quality, you know, flooding issues. And so we need the way to get the information to people. And so there's a lot of suggestions on how to have better signage, or just better information from the public about the beaches, maybe maybe even just like, more like a good webcams or something that covered the beaches and what all the information is, so people can have access to that. And then another thing you mentioned was that the flooding is probably going to increase and so ways to address the flooding. So we know that the flooding is are starting to become somewhat regular, we're gonna get it several times a year. And every time it seems to happen, it's sort of treated as an emergency new truck slimmed down, and we'd like to see the systems in place so that it's actually just a normal, like, there's easy ways to shut off the streets, there's easy ways to do any of the cleanup that's

required, or that the systems are hardened against having rocks go across the road or whatever. Oh, and just in terms of what's not worth, and then what we'd like to see happen. And we'd like our kids to have in the future is not, you know, to try not to harden the whole area, and just have, you know, cement walls, 30 feet high, covering the whole area. So it'd be nice to just have some beach left. When we you know, it's I know, it's difficult as things go on. But let anything you can do to preserve that for as long as possible. Like, you know, the rocks, the rubble, beaches, or whatever, I think are great ideas, and we actually love in terms of planning for the next 100 years, I'd like to see more of those kinds of plans. Like what can we do about just putting temporary seat, you know, breakwaters out of the you know, to protect this bay. And anyway, sorry, sorry.



1:27:36

All right. Yeah, do you get let me get this over.



Michelle 1:27:43

People use the beaches, not just the beaches, but the walkway the cause, but because we let people walk there constantly. That's where the flooding is the water comes contamination, it should really be tested. Oh, pretty much all around. Like to stop it. What is it, they stopped at the end of September or even before that is ludicrous because we all it needs to be in our face, because that's just going to continue to raise awareness. And you know, people walking their dogs will realize, Wow, this is a real health hazard. I mean, God bless you, you just get you over that. And this person with sepsis. I mean, there's just a crisis of contamination. This isn't just like, you know, who this is a crisis. It's affecting people's health and well being, and it needs to be addressed. So like today, not tomorrow, or, and that's what, you know, another five decades. So I mean, just testing, why can't we test it every day? I don't understand what the big deal is. So many people, you know,



Dylan Dobbins 1:28:50

like, that's what they do. They test every day.



Mark 1:28:58

Back



Michelle 1:29:06

My name is Michelle, and and just bringing a voice for them. I was committed. I am a community organizer here lynn but I went in 2019, I had the opportunity to reach out to students from high school, one one of the high schools classical. And I went and we were talking about different things. And then when I mentioned about the opportunities, you have no idea as you said before, they are really invested. They want to invest in the global warming and the climate, the climate, but in this particular case, they were looking for opportunities and I



think we need to also open opportunities for them to take care of the ocean and you know, surfing, but then kayak And then they even were asking like a STEM program and for the record Have they we wrote a letter because the part of the exercise was to show them what you can do. And we wrote a letter to northeast, you know, marine center over there because they wanted the dispute of New Hampshire and stuff. At none, we were they were asking them to please come to lend, because they want to open up a program. So besides the creative this future is also to give them opportunities on how they can participate, how can they invest, because sometimes they don't, they don't even know where to go, or what to do. And we can even start with a small programs like some of the teams were mentioning, bird watching, and, you know, do programs in the summer. So I think that it will be also in the efforts of you guys are doing is to reach out to the young because they really want to invest. And for me, it was surprising because I thought that they might might be away and they'll be in this and no, they wanted it to stay like I don't want it we'll discuss about even malls and they said I don't want a big vault, I want a mom and pop shop. I want to go be able to enjoy the ocean and go back. So they wanted to does include it Yes.

A

Aliya STH/STB 1:31:16

Do you have any last comments of folks who want to come up share something that has not been added? We're gonna have one more speaker come by and make a couple of comments. But any more comments, anyone want to come up? Add something? Awesome!

R

Representative Dan Cahill 1:31:43

I've been asked by Chris to come up. So good evening, everyone. Great to be here. My name is Dan Cahill, I'm a state representative from the 10th Essex which encompasses pretty much the people from the east side of the city. And at the statehouse, I'm also the chairman of Natural Resources and Environment Committee. So we have been very active this session thus far relative to issues that impact resiliency that impact our coastal communities, but also a lot of issues inland as well. I know there's a lot of issues I could go on for a long time. It's late in the evening, but I just want to give a couple of highlights. They've been reading the paper recently, with respect to Kings Beach, I can tell you that there are constant meetings with state and federal officials. With respect to resolution of the problem. We know that there is an alcohol problem there. We know there's a pollution problem there. Thankfully, there's no question. The issues become how do we resolve it, there are a lot of opinions and a lot of scientists that have a lot of different views on it. But in communications with the administration, they're looking for more of a long term solution to the problem, not band aids, however, we are very active about pursuing some new technologies, and some that are unproven. And this might be an opportunity to use Kings Beach as a testing ground for some of that economic incentive that can be employed elsewhere in the in the Commonwealth, that'd be great. But without data, it's really tough to spend public money unless you have the information which testing and I want to thank Chris Mancini and save the harbor save in the bay. And I know that there are many friends on YouTube as well. Your advocacy over the years, or what's brought up location now, where we are with the process. I think the item wrote an article showed article 100 years ago, where there was questions and concerns about pollution, on Kings Beach. This is not a new issue. But it's an issue that we can just kick our kids, my kids. It's not right. I grew up on that beach. Parents live on the beach, swim there my whole life. That's why I'm probably freakishly tall. So I still swimming I probably shouldn't, but I'm so used to it. But it is a not just Kings

Beach but in a Nahant beach are in Phillips and fishing and they're all fantastic assets that we have, that we should all be able to use on a regular basis. And it costs money. But that's just how we have to solve the problem. Everything costs money and it costs \$100 million. Today it's going to cost \$2.2 million in 10 years and to kick it down the road is ridiculous. So on the local level, it's unprecedented the amount of cooperation we have Swampscott Lynn are coordinating efforts which they might 20 plus years I've never really seen that happen before. Live water and sewer is going to be videotaping all of the pipes in the slip. I can't wait to watch the footage. So you know we have to we have to eliminate we have to do some source elimination make sure that there aren't illegal tions and we know with the CSL there was an issue of CSOs still grant me, folks, it's not rocket science. I'm a political scientist, not a real scientist. But I know that winter rains. And we've driven our cars on the roads with oil leaking, and we have pesticides and rodenticides, in our lawns and, and in traps. We're a animals roading control, we have just trash in the streets. And that gets swept up and that gets pushed into the ocean, because that's where it's always been meant to go since humans inhabited this area. But there's so many of us density is terrible. None of that sets the density for environmental impact, you have to be able to capture all that work as much of that rainwater as possible to be able to treat it. So on a state level, Governor Healy has made it a priority of her administration, along with Secretary Rebecca tapper to focus on long term planning. For Massachusetts, as we experienced the continued effects of climate change. There's never been a comprehensive review of all of our assets and all of our infrastructure throughout the Commonwealth. And that includes tributaries that includes ponds and pools, everything in the ecosystem, they are going to put together a comprehensive plan, and it's going to be a price tag associated. So if it's 10, or \$20 billion of infrastructure that needs to be put into place, we need to make that investment. It can't be done overnight. However, if we make an investment, and it's done over a series of years, it's great for local economies, but it's really great for all of us. And it's just an another reason why people should want to move in live Massachusetts. We care about each other. We care about our environment. And we have the smartest people they say in the world, I think so why can't we fix this problem? It takes it takes a community groups like yourselves, these types of meetings. I know it's late on a Wednesday night, like these are the types of meetings that take place that really effectuate change without groups like MIDI, I keep this post on the forums here. But say the answer is way is extraordinarily accurate and effective. Bobby can help. Without your advocacy and your support. These things just get kicked on to the next year. It's like, oh, yeah, we have this problem. But let's just focus on other things. No, this is a serious problem. And this is one that we're dealing with daily basis. So I'm very excited that you're here. I love the exchange of ideas, we'd love to hear from folks, sand moving, assist natural erosion. With deep, we're looking at expedited permitting for some of the scientifically proven methods of reducing erosion in Massachusetts. There are many nonprofit organizations and academic institutions that have proven scientific methods to do so. But no one wants to go through like two years of permitting to restore saltmarsh. And you may think that's maybe onerous it is, we need to do a better job of eliminating some of those hurdles, because we want these types of programs to go into effect. So we're seriously looking at even specific things like salt marshes, which apparently like liberate a single world to reduce carbon and protect coastlines. I had no idea until I became the Chair of this committee. But I said it myself, it seems pretty easy. And apparently, it is. But we want to eliminate some obstacles to that. And I can go on and on. It's like, thank you. I just want to also point out that I have a great team that I work with. Senator Creighton has been, you know, an advocate for for the beaches, and sat on many, many boards throughout his career. And representing me has been a fierce advocate for our district and Representative McConnell as well. We work extremely well together. And we are hyper focused on this issue. And we will have to solve it. And we're really grateful that all of you are in support of that. Because without your support this it makes it very difficult for us to be able to advocate for the resources. And they're

opening up a little bit. And I really appreciate the opportunity to speak. I just want to give a shout out again, Christmas seems like anytime I need him to go to any type of meeting or show up because it's the same stuff over and over again. But he's there and just passionate about it and such a well respected voice in the state that it's not just the Local Group just wants this. Now Save the Harbor Save the Bay has been instrumental if you haven't been out to the Harbor Islands, by the way or any other other wonderful assets which we would love to be able to run some tours and opportunities for residents to leave from our beautiful state paid for very ternal to be able to explore our many islands and we went on a tour like it's wild, but the amount of infrastructure out there and just the beauty, we should be really allowed Little cities like, like Lynn and residents in this area to be able to hop conveniently on a boat, and go check out and enjoy some of the assets that you're paying for your tax dollars are out there in the ocean, where we really like to try to increase our kind of local tourism to some of our beautiful assets. So thank you again, do you go for a little bit, I really appreciate all you're doing. Thank you. Just



1:40:31

one comment on something I do actually just want to follow on to that last comment about the ferry. What we didn't talk about in our kind of online zoom thing, and I didn't hear in the room, the ferry like the commuter ferry, in the summer, I have never had a chance to ride it, because I'm not able to ride it Monday to Friday to go to work. So I'm just wondering if something can happen, you know, if this group is the right avenue to push for it, but to go back and look at maybe bringing a ferry to Lynn that runs on weekends, so that families could actually use it as a way to either come from the city to Lynn, you know, think of it both ways, and then also go from land by boat to the city. Salem does that. I know it was a boat issue. I know it was an ownership issue, because it was a lent ferry or at least ferry from the Harbor Islands. And so it was available during the week to run for commuters. But the schedule, if you're not a commuter, who accesses Boston, by way of the ferry terminal, on specific commuter hours, it kind of was not easy to ride. So something that you could go out on weekends, and maybe take the kids and go into the city or like I said, maybe some people from the city want to come up and come to the beach for a day. So that's all



Chris Mancini, STH/STB 1:42:01

thanks, you're not the first person to bring that up. I think it's a hope for a lot of folks, what we've heard from Fil A, at the MBTA is that we're going to have it again this summer at the reduced rate if we really, there's there's other ways, but one of the big ways we can do this is really show the need for it and show demand. He wants it to be he wants it to be on the weekend, we got to show that there's a need and demand for it. So let me just I'm gonna do get back to questions, I won't give instructions for the end of the meeting, just because I was noticing some restlessness here. But I will go back to the to the group, thank you again, rocaille. For being here, it was very, very important to ask them to do. So the final thing we're going to do is you guys are walking out, everyone's gonna get five stickers, the color doesn't matter. What we tried to do was capture some of the high values that we heard in your report out on these two easels over here, divided into four. And we'd like you to use your five stickers to kind of weight those are provide a weigh you can use your five stickers in any way, with all five on one thing, you could put one on five different things with you to do whatever. Again, it's one more tool to give us a sense, and you're not going to see, lagging or pollution or area up there doesn't mean we're not going to deal with those things we were trying to get at, again,

the values for you at the beach. Like if we see lots of boats on swimming and watersports, it's like that tells us that, okay, you know, the beach is important, we run it up, all the stickers are on walking the boardwalk. And then we're gonna go you know, people don't really care about the sand part of the beach, like that's going to change our analysis and recommendations. Just to give you a sense, so if you don't see something up there should be up there. Just come grab a leader. And we could probably make another another sharpen. If you don't see something like that there was a reason we don't want you to. So I think ourselves to just hand these out. You can do that at your leisure. I will say now thank you all for being here. This is a first in person since 2019. I really impressed with the turnout. I haven't ever you all said he would come and then you all actually showed up which is amazing. We have I think more people that RSVP so that's terrific. And yeah, thank you for all of your time. And yes. Oh yeah. And then don't forget to talk to



1:44:30

your local boy, thank you so much for all that you're doing and Chris and all that everybody has been doing. And I heard him speak a lot about long term, long term solutions with no timelines. I was encouraged when Chris moved into the area and I read an article he wrote about an eight year plan. I think that was eight years ago. No offense. But you know, I'm going to be 70. I'm going to be 70 this year. So to me, I'm like, okay, long term. You know, what does that mean? So I would just put a bug in your ear, all of you guys. What are some short term solutions we can come up with? What are some short term solutions for Stacy's brook outflow? I live right there. I smell the stench. I see the pollution. We made son can't let his dog walk out there most of the time, because it's polluted and contaminated. This is a crisis. What can we do short term to shut down Stacy's Brook. They had a holding tank and swampscott get to my knowledge till 2015 When the EPA put the kibosh on it because it was chloramine. And you know, the environmentalists were worried about the marine life. Well, what about the people life? We're so worried about the marine life? I mean, seriously, I think I think the Marine, I think, I think the saltwater takes I'm not worried about are you worried about the fish, because that used to be one of the best places to catch striped bass ever. We always fish there, and you can't anymore? Because it's so contaminated? Can't all these intelligent environmentalists that have been in school for 100 years figure out another solution to the other than chlorine? Yeah, put the water in the tank again, and clean it with something else short term, shut that thing down or shut it down? I mean, you know, short term is gonna be a short term solution. And not a lot of scientists wants the beach to be pristine for my grandchildren.



1:47:05


There's got to be the short term solutions that we can put into the site. Yeah.




Chris Mancini, STH/STB 1:47:11


Okay now sort of laying out all of those Americans who are saying, getting increasingly awesome outfit, like, put it on top of this year based on some of these ideas that are out there. But as Reza tail said, and they're in the process right now, the bench tests are happening for


things like ultraviolet light, or different types of non chlorine, but things that do the job in a similar way. So there is Yeah, yeah, those things are all on the table. Those things are all on the table. Yeah. Yeah. Yeah. No, thanks. That's good to have on the record. Real quick.

 Representative Dan Cahill 1:48:06

So one of the issues were the technologies that we've asked to do our program in clean, possibly this summer on wall is a UV treatment. Website, most engineers think that it wouldn't help the situation. And we have to be able to at least have a pilot program and see if it would have some impact. So using a new breadboard, they had some mixed responses to it. So we're in the process of working with the state and the feds to be able to and to secure a UV kind of trailer machine to poke it out to see if that technology would work. It seems like it probably won't work long term. But we're thinking that maybe as a short term, it could mitigate pollution while we're trying to solve the long term solution. So you may see something that's supposed to be like the size of a trailer, the cost is significantly cheaper than the permanent solution. But it is something that we're trying to secure machine for, and working with engineers and environmental groups to be able to secure that. So we're hopeful that it's going to be a couple of \$100,000. And maybe we get run over the summers involved. But those are some of the short term things. But Devin, the chief learning EP came in and said no more chlorination. If they change their own soil. We will be chlorinating the next day. But we've also said well, what if we just chlorinate and what are you going to do to us? Not good. We've got the response. They would find us significantly so we can't break a little but those some of the short term solutions that we need to do but we need a launch

 Chris Mancini, STH/STB 1:49:42  
saying you have

 Mark 1:49:44  
to figure this out, and I think a banana

 1:49:47  
You