**Transcript of Leadership Council for a Cleaner Anacostia (LCCAR)**

9:33 am - 11:58 am Thursday, September 12, 2024 | (UTC-04:00) Eastern Time (US & Canada)

gretchen mikeska 00:15:51.940 --> 00:16:00.540

Getting started in about a minute. Let me, just make sure that director Jackson is on. Thank you.

arlene carter 00:16:01.420 --> 00:16:06.540

Direction question real quick. Dev needs to test this audio. Can we jump in real quick just to make sure he's all set?

arlene carter 00:16:10.980 --> 00:16:14.180

It does not working. Okay, go ahead, go ahead and unmute it one more time.

arlene carter 00:16:27.820 --> 00:16:27.980

Alright.

arlene carter 00:16:29.540 --> 00:16:32.420

It's not working, just go ahead and get started. We'll work with him offline.

gretchen mikeska 00:16:33.380 --> 00:16:53.820

Right, that's good. All right. Well, welcome everyone. This is the September twelfth quarterly leadership council for a cleaner anticosti year River meeting and as usual we have a packed agenda. The meeting is being recorded and you can get all the proceed.

gretchen mikeska 00:16:56.220 --> 00:17:15.420

Probably by about tomorrow, and as far as questions and answers, the first round of questions always go to leadership council members. You can always also put your questions in the chat and we'll make every effort within the time frame that we've set up on the agenda that you see.

gretchen mikeska 00:17:15.620 --> 00:17:20.819

In front of you to address the questions following any presentation.

gretchen mikeska 00:17:22.780 --> 00:17:43.020

I'd like to kick off the meeting with Director Jackson. He is the director of the Department of Energy Environment, provides strategic guidance and leadership to a workforce of more than four hundred feet fifty environmental professionals and overseas a daily operations of five administrations at work collaborative to protect the.

gretchen mikeska 00:17:43.220 --> 00:17:48.940

Environment and conserve natural resources in the district of Columbia. So he is our.

gretchen mikeska 00:17:51.100 --> 00:18:05.260

Chair of the meeting. We also have a co chair or co host and what we've been doing in the last really since the pandemic is we've asked leadership council members to take on the.

gretchen mikeska 00:18:06.860 --> 00:18:07.500

Position of.

gretchen mikeska 00:18:08.940 --> 00:18:25.460

Co chair for the meeting, and today we have Brenda Richardson. She is a eco pharmacy pharmacist feminist and has been working on welfare reform, environmental justice economic development, education, behavioral, health, and.

gretchen mikeska 00:18:27.700 --> 00:18:32.700

Issues for the past thirty years. She currently serves as a coordinator of APAC.

David Dickman 00:18:33.260 --> 00:18:34.060

And it's pretty.

gretchen mikeska 00:18:34.340 --> 00:18:42.020

Of chosen consulting a consulting firm that focuses on community engagement, facilitation training, and government relations.

David Dickman 00:18:43.300 --> 00:18:43.620

Okay, so.

gretchen mikeska 00:18:44.140 --> 00:19:04.220

Principle for women like us initiatives that focuses on design, thinking for women and is vice chair of the friends of Oxin run Park. Brenda is well known in ords seven and eight and as a leader in getting stakeholders together on the many issues that are.

gretchen mikeska 00:19:04.540 --> 00:19:06.580

In the anticostia corridor and is.

gretchen mikeska 00:19:08.780 --> 00:19:22.340

In a lot of the videos that have been made and films over the years on restoring the anticostiu riverse. So she is certainly welcome and a well known entity. The other item that we have today that we're gonna do.

gretchen mikeska 00:19:24.260 --> 00:19:36.020

Right after director Jackson, welcomes us is we're gonna have a Swearin by the mayor's office of Talent and appointment. We have some new leadership council members and we have some.

gretchen mikeska 00:19:37.180 --> 00:19:38.540

Previously been sworn in.

gretchen mikeska 00:19:39.620 --> 00:19:42.540

So, that will be done by.

gretchen mikeska 00:19:44.500 --> 00:19:56.380

The mayor's office and we welcome the Mayor's office representatives. So Director Jackson, if you would like to greet us and then we'll pass it over to.

gretchen mikeska 00:19:58.180 --> 00:20:01.900

To Evan and Vita for the Swearin.

Richard Jackson 00:20:04.020 --> 00:20:23.540

So just want to say welcome to everybody, as we wind down the summer hope everybody enjoyed themselves and matching have a good time during the summer season, got a chance to, you know, if you got a chance to visit King Men and look around out there or get on the river, great. We just, you know, for this meeting it's just continuing the work.

Richard Jackson 00:20:23.860 --> 00:20:33.980

And kind of giving an update on where we're at and how much has been accomplished since the last meeting. There has been some all in a positive direction. So just looking forward to the updates.

Richard Jackson 00:20:35.460 --> 00:20:37.420

From everyone and hopefully it'll provide.

Richard Jackson 00:20:39.620 --> 00:20:40.660

The leadership team with the.

Richard Jackson 00:20:42.540 --> 00:20:57.100

Information they need as we move the project forward. I will have to jump at eleven probably for half an hour for another meeting, but then I'll be back on. But no, just looking forward to the updates. Welcome again, welcome to everyone being on this call. Taking the time to.

Richard Jackson 00:20:58.700 --> 00:21:09.900

Gain that enlightenment, that knowledge so that they can pass on to other community members. So welcome. I'll turn it over to Brenda, and then I guess we'll do the swearing in.

Brenda Lee Richardson 00:21:16.940 --> 00:21:19.860

Thank you. Good to see you director Jackson.

Brenda Lee Richardson 00:21:22.700 --> 00:21:25.900

Thank you. Are folks ready for the swearing in.

Brenda Lee Richardson 00:21:28.580 --> 00:21:31.620

From the mayor's office of talent and appointment?

Evan Blankenberger 00:21:34.180 --> 00:21:42.340

We're ready to dive in and I'll just have some brief instructions as well as a list of folks we'll need to hear from.

Evan Blankenberger 00:21:43.820 --> 00:21:44.820

If you're ready for us. So.

Evan Blankenberger 00:21:47.740 --> 00:22:07.820

I know that we have some new alternate members as well as principal members, but today we'll just be swearing in some of the new principal members as well as a few folks who were not sworn in previously. So if I call your name, please have your camera on if possible and also.

Evan Blankenberger 00:22:08.220 --> 00:22:15.300

Have your microphone on in order to conduct a call and response swearing in Thatvita's going to lead for us.

Evan Blankenberger 00:22:18.500 --> 00:22:18.580

Evan Blankenberger 00:22:21.660 --> 00:22:32.660

Oh, and, and apologies, my name is Evan Blankenberger. I'm with the, in the mayor's office of talent and appointments and I work with Gretchen on, appointing new members to the, to the council.

Dennis 00:22:33.100 --> 00:22:33.500

Yes.

Evan Blankenberger 00:22:35.460 --> 00:22:36.260

So, first off.

Evan Blankenberger 00:22:39.300 --> 00:22:40.620

If Kenyatta Brunson.

Evan Blankenberger 00:22:42.780 --> 00:22:43.780

Dennis Chessenat.

Evan Blankenberger 00:22:45.340 --> 00:22:46.340

Brandon Duba.

Evan Blankenberger 00:22:48.460 --> 00:22:49.780

Commodoor Tony Ford.

Evan Blankenberger 00:22:52.140 --> 00:22:53.300

Doctor Upal Gosh.

Evan Blankenberger 00:22:55.340 --> 00:22:58.820

Amika Money, Matt Reese.

Evan Blankenberger 00:23:01.260 --> 00:23:06.380

Jeff Selter, if you all could have your cameras and microphones on.

Evan Blankenberger 00:23:08.020 --> 00:23:09.580

So we could connect the swearing in.

Dennis 00:23:14.100 --> 00:23:14.140

But.

Evan Blankenberger 00:23:19.460 --> 00:23:23.660

If I called your name, could you give us confirm your present, just say, you know?

Dennis 00:23:24.260 --> 00:23:25.580

It does just not here.

Evan Blankenberger 00:23:27.500 --> 00:23:28.140

Did you see here?

Kenyatta T Brunson 00:23:30.020 --> 00:23:30.420

I'm sorry.

Evan Blankenberger 00:23:31.340 --> 00:23:36.380

Okay, can you Kenya without you? Do we help you? Kenyatta I'm sorry.

Emeka Moneme 00:23:39.700 --> 00:23:40.700

Autonomy present.

Evan Blankenberger 00:23:41.620 --> 00:23:42.060

Perfect.

Evan Blankenberger 00:23:44.980 --> 00:23:47.860

Do we have Commodor Fourdan? Let's see.

2023\*\*\*\*11 00:23:55.260 --> 00:23:57.540

Matt Race is here by phone.

Roger L. 00:23:59.500 --> 00:24:17.780

Evan, this is Roger Ledgerwoody. I Alternate door Ford is involved with the school system during the day as hard for him to get away. He is aware of the squaring in and also I'm sure he can make alternate arrangements, if you will.

Evan Blankenberger 00:24:18.660 --> 00:24:20.780

Okay, no worries. Yeah, I'll follow up with him.

Roger L. 00:24:21.860 --> 00:24:22.540

Okay, thank you.

Evan Blankenberger 00:24:23.140 --> 00:24:24.620

And did I hear Jeff Selter?

Jeff Seltzer 00:24:27.060 --> 00:24:28.140

She did. Okay.

Evan Blankenberger 00:24:29.260 --> 00:24:29.900

Right until.

Upal Ghosh 00:24:30.260 --> 00:24:31.300

Sure present.

Evan Blankenberger 00:24:32.180 --> 00:24:35.940

Perfect, thank you. Great. Vita I think we're ready for you.

Vida Rangel DC MOTA 00:24:40.420 --> 00:24:49.580

Hello everyone. Good morning. My name is, pronouncer Sheenney and I'm the director of operations for the Maris Office of talent and appointments. I am.

Vida Rangel DC MOTA 00:24:51.500 --> 00:25:11.540

It's my pleasure to be here today on behalf of our director at Steve Walker, and on behalf of Mayor Mirielle Bowser to swear in some new members and some reappointees to the leadership council for the Cleaner Anacostia River. As Evan mentioned, we'll just do a call in response. I'll go line by line and ask you to repeat after me. And then later on today, we'll follow up.

Vida Rangel DC MOTA 00:25:12.340 --> 00:25:18.060

With all of you with an email, with a written copy of your oath for you to sign and return for the public record.

Vida Rangel DC MOTA 00:25:20.220 --> 00:25:31.620

And we will also mail out a certificates of appointment to the mailing address we have on file for you. But thank you all so much for being here and for your willingness to serve the district in this very important way.

Kenyatta T Brunson 00:25:32.900 --> 00:25:33.620

At ten a. M.

Vida Rangel DC MOTA 00:25:34.180 --> 00:25:43.140

So we can go ahead and get started, for the folks who are being sworn in, if you could raise your right hand or otherwise indicate that you're swearing an oath and repeat after me.

Vida Rangel DC MOTA 00:25:45.140 --> 00:25:46.340

That's I state your name.

Emeka Moneme 00:25:47.420 --> 00:25:47.740

Dennis.

2023\*\*\*\*11 00:25:48.900 --> 00:25:50.060

In my theories.

Vida Rangel DC MOTA 00:25:50.860 --> 00:25:51.700

Hasn't been appointed to.

Kenyatta T Brunson 00:25:53.020 --> 00:25:54.700

Having appointed to.

Vida Rangel DC MOTA 00:25:55.940 --> 00:25:58.780

The leadership council for a cleaner anticostia River.

Kenyatta T Brunson 00:26:00.660 --> 00:26:03.380

Council. And.

2023\*\*\*\*11 00:26:03.660 --> 00:26:04.540

Last year wherever.

Vida Rangel DC MOTA 00:26:05.540 --> 00:26:07.420

With the government of the district of Columbia.

Upal Ghosh 00:26:08.100 --> 00:26:08.420

That I've.

Dennis 00:26:10.660 --> 00:26:11.220

I'll figure out.

2023\*\*\*\*11 00:26:11.340 --> 00:26:13.180

Columbia, he's.

Vida Rangel DC MOTA 00:26:13.300 --> 00:26:14.620

Only swear or affirm that.

Emeka Moneme 00:26:17.220 --> 00:26:17.460

Generally.

Vida Rangel DC MOTA 00:26:20.980 --> 00:26:21.460

State your name.

Vida Rangel DC MOTA 00:26:26.180 --> 00:26:27.100

Support and defend.

2023\*\*\*\*11 00:26:30.580 --> 00:26:30.900

Send.

Vida Rangel DC MOTA 00:26:31.780 --> 00:26:33.620

The constitution of the United States.

Kenyatta T Brunson 00:26:35.900 --> 00:26:36.300

That's not.

2023\*\*\*\*11 00:26:37.060 --> 00:26:38.060

United States.

Vida Rangel DC MOTA 00:26:39.500 --> 00:26:41.060

Cause of the district of Columbia.

Kenyatta T Brunson 00:26:42.860 --> 00:26:42.900

Vida Rangel DC MOTA 00:26:47.220 --> 00:26:48.460

Perform such duties.

Kenyatta T Brunson 00:26:50.340 --> 00:26:52.060

That's only such duties.

2023\*\*\*\*11 00:26:52.260 --> 00:26:52.620

Queries.

Vida Rangel DC MOTA 00:26:53.580 --> 00:26:56.100

Has maybe assigned to me in this position.

2023\*\*\*\*11 00:27:00.060 --> 00:27:00.500

Vida Rangel DC MOTA 00:27:01.940 --> 00:27:02.700

Rest of my ability.

Upal Ghosh 00:27:03.780 --> 00:27:04.540

Would be the best thing.

Vida Rangel DC MOTA 00:27:07.660 --> 00:27:08.900

Fear or favor.

Kenyatta T Brunson 00:27:10.940 --> 00:27:11.420

Or fair.

Vida Rangel DC MOTA 00:27:13.700 --> 00:27:15.180

Exercise my best judgment.

Upal Ghosh 00:27:16.060 --> 00:27:16.980

I don't exercise.

Kenyatta T Brunson 00:27:17.860 --> 00:27:18.940

Yes stretch me.

Vida Rangel DC MOTA 00:27:21.180 --> 00:27:22.660

Consider each matter before me.

Upal Ghosh 00:27:23.620 --> 00:27:24.140

And welcome.

Kenyatta T Brunson 00:27:26.140 --> 00:27:26.620

Performing.

Vida Rangel DC MOTA 00:27:28.260 --> 00:27:28.620

Point of.

Upal Ghosh 00:27:29.380 --> 00:27:30.060

From the view.

Emeka Moneme 00:27:30.700 --> 00:27:31.020

Vida Rangel DC MOTA 00:27:33.220 --> 00:27:36.420

The best interest of the District of Columbia as a whole.

Dennis 00:27:37.740 --> 00:27:38.020

Dennis 00:27:40.260 --> 00:27:40.540

Yes.

2023\*\*\*\*11 00:27:40.940 --> 00:27:41.020

Vida Rangel DC MOTA 00:27:42.820 --> 00:27:45.380

And that I will faithfully discharge said duties.

Dennis 00:27:46.020 --> 00:27:46.100

2023\*\*\*\*11 00:27:49.460 --> 00:27:50.260

Study duty.

Vida Rangel DC MOTA 00:27:51.820 --> 00:28:02.660

Congratulations and thank you so much again on behalf of the mayor and on behalf of the district for your service. We look forward to seeing the great work that you're going to do and for our reappointees that you'll continue to do.

Dennis 00:28:03.300 --> 00:28:03.620

Thank you.

Kenyatta T Brunson 00:28:04.060 --> 00:28:04.980

Thank you. Yeah.

Evan Blankenberger 00:28:07.780 --> 00:28:10.220

We'll be dropping now, but let me know if.

gretchen mikeska 00:28:10.420 --> 00:28:30.620

Very much. That was impressive and now we're up to twenty five members. One of the reasons that we added some additional people is now we're entering, you know, we're still working on the remediation obviously we're getting ready to kick that off in terms of implementation, but we are also on the restoration phase.

gretchen mikeska 00:28:31.580 --> 00:28:39.460

Which includes the navigation of the river. So we wanted to add some, expertise in that area and, you know, as such we added.

gretchen mikeska 00:28:41.780 --> 00:29:01.500

Brendan Deboys Commodoore, Tony Ford, and we have Upalphoge who is, you know, the expert on restoration techniques. So we're very excited to have twenty five people now on our leadership council. Okay I'm gonna hand it over to Brenda and she is going to guide us through the re.

gretchen mikeska 00:29:02.820 --> 00:29:04.940

And we will keep you on time and.

gretchen mikeska 00:29:06.740 --> 00:29:09.420

As I said, anything that comes up, put in the chat. Thanks.

Brenda Lee Richardson 00:29:11.140 --> 00:29:25.980

Too Gretchen and congratulations everybody. We, I just want to say that I want all of our presenters to be mindful of the time on the agenda because I'll be happy to let you know that you're going over.

Brenda Lee Richardson 00:29:28.020 --> 00:29:48.260

So our first speaker is Steven Downhome. He has forty one years of experience working on remediation projects, including permitting investigations, preparing operations and construction documents and bid evaluations. This includes the design of.

Brenda Lee Richardson 00:29:48.260 --> 00:30:08.620

Of sediment remediation, judging and beneficial use, integrated contingency plans, mitigation plans, NPDES permits and pollution prevention plans, design of irrigation, drainage, and flood control facilities, and site u.

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Brenda Lee Richardson 00:30:09.300 --> 00:30:28.620

Designs. He is also a registered FAA drone pilot that's impressive and provides photographic and video documentation of projects for the deal D EPA and other clients. We are very grateful to have Stephen Doleman of.

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Brenda Lee Richardson 00:30:29.540 --> 00:30:39.060

Dole Home of Tetra Tech to talk to us about remedial design laid down areas. Thank you so much. Stephen.

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Steve DelHomme 00:30:40.100 --> 00:30:52.300

Thank you Brendant while, all the experience just means that I'm really old, that's all that really means, so this should be a pretty quick presentation, as you many of you know, some of you may not know, but we've been digility looking for a place to.

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Steve DelHomme 00:30:54.460 --> 00:31:14.020

For the contractor and a settiment processing area and we had thrown out some areas under sixty percent design. We had comments back from many people from some of the public and MPS and some other people. We had not been able to find a good area that everybody was happy with, but we were able to meet with national Park Service about three weeks ago and they suggested.

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Steve DelHomme 00:31:15.380 --> 00:31:25.580

Production will work pretty well. Hopefully everybody can hear me in my mic was a little bit down earlier, but hopefully it's it's working now. So we're gonna talk about that, that location. If we can go to the next slide.

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Steve DelHomme 00:31:31.340 --> 00:31:49.700

So you can see in the blue on this map here, you see in on the top that's Kingdom lake. And then this area is the former or the the current maintenance yard for national Park Service and so that area is about seven acres. It's a little bit smaller than the area we were looking at a kenna worth, but it should work out. We've talked to our contractors who are doing.

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Steve DelHomme 00:31:49.940 --> 00:32:07.140

Constructability review and they think that this will work out pretty good. It has enough area to do the work that we need to do, and so this and it's close proximity, all the area that we're doing the judging, most of the dredging will happen in Kingdom lake. Some of it in the mainstem, and then for the remediation we have to dredge someone so that we can put the ca.

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Steve DelHomme 00:32:08.660 --> 00:32:28.500

Should worked pretty well and it shouldn't we're not very close to the public, that was one of the main concerns national pressure of his had with the other areas would have interaction with the public and they were trying to find an area that was away from that. And this isn't a, you know, current industrial area, not, not public access to this area. It will be installed I think the only potential area would be the, the trail, the.

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Steve DelHomme 00:32:28.940 --> 00:32:49.340

The anticostia trail that goes along there, so for the most part, this is an industrial area. So if we can go down to the next slide, I'll show you kind of what the site looks like. So this shows you see the blue area that's kind of the area that we would have available to use that green line we're into the middle maybe the sanitary sewer, we're still trying to get some information from the n.

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Steve DelHomme 00:32:49.380 --> 00:33:09.860

National Park service on the actual sanitary sewer lines in that site. We would have, we're gonna have to tie into those. You can see some yellow areas around the edges. We don't really want to impact those wetlands, and so we'll stay ahead of those areas. Also we don't really want to impact the Trail we want to keep that open. So if we can go to the next slide, we have a kind of a just proposed layout, so that that light blue area around the.

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Steve DelHomme 00:33:09.940 --> 00:33:30.260

Outside is where the fence would be. We put that on the inside of the river trails so that that would stay open. The only I guess problem right there is you see that red line that says hydraulic bridge line, that was where it will be where the dredge line comes in from the river. So we'll be pumping dredge settiment through there to the dewatering area. We'll have to put a ramp or something over that, that pipeline so people.

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Steve DelHomme 00:33:30.420 --> 00:33:36.140

Can still use the trail, but that would keep the trail open during the remediation and keep, you know, public access away from the, from the site.

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Steve DelHomme 00:33:38.060 --> 00:33:58.380

So you look I've got I'm showing here this is just a hypothetical layout. The contractors will generally lay it out based on what they plan to do. They'll give us a work plan ahead of time and then they'll tell us, you know, how they plan to do the work and then that'll be approved by DOE and the stakeholders but something like this where you have about this size of an area for a set of dewatering they'll pump the sediment in there. They'll, they'll remove.

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Steve DelHomme 00:33:58.500 --> 00:34:18.899

The water, the water will go through over here in the middle you see a little thing that says LS, that's the list station. They would pump that water into the sanitary sewer after it's pretreated with the treatment plant, and that would be under a DC permit, it would go to the public he owned treatment works. There's a sediment treatment area if we have to do treatment that largely depends on if we if we do beneficial use and where do we do.

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Steve DelHomme 00:34:19.700 --> 00:34:39.300

And there's a possibility of beneficial use at this site depending on the restoration that the the national Horse service may want when we're finished with the site. The white area would be the contractor lay down area and offices. The building on the bottom there is being used currently as an auto maintenance facility, but the upper building is not being used. So that could be used for offices or they.

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Steve DelHomme 00:34:39.980 --> 00:34:59.780

Trailers in. But that's kind of the general layout of the area. And so this area should work pretty well for the project and this is was really the big stumbling block to finish in the design. And we've already started on ninety percent design and so we're gonna need to work with the national Port service. That's kind of the next step to figure out what restoration they want, and so that we can incorporate in that into the design.

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Steve DelHomme 00:35:00.100 --> 00:35:20.340

So the contractor can do that when he's finished with the work out there. So next there's just some pictures we can just kind of give you an idea what it looks like, so that building in the upper left, that's the building that's not being used right now it's a pretty large building that that could be office space. We haven't looked at the, you know, the structure structural integrity of yet, but we'll look at that. Some of these others.

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Steve DelHomme 00:35:20.460 --> 00:35:40.780

Just kind of give you some ideas of the lay down areas and the access, the driveways coming in. They're mostly graval areas. And we can go on to the next slide. That'll make the time. There's some energy, you see some an old propane tank or not sure if there's propane there, that old background storage tank, and then there's a former fuel station. There's been no studies to see if there's any.

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Steve DelHomme 00:35:40.900 --> 00:35:51.980

Contamination of that fuel station, but the contractor wouldn't be responsible for that if there was, but he won't be working in that area, that's kind of outside the area we're talking about. And then just to make sure the adjacent riverwalked trail, just to give you an idea what that looks like.

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Steve DelHomme 00:35:53.860 --> 00:36:14.060

I think we may have one more set of pictures. Yeah, so this is just shows some of the latests in the parking areas. It's a lot of gravel and some asphalts. It's already partially fenced off. We would have to move the fences just to work in the insided area, and we may have to take out some trees, but we would try to avoid that to the extent possible, obviously, so I think that's that's all for this one. I had one more.

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Steve DelHomme 00:36:14.340 --> 00:36:34.660

To kind of talk about some of the comments. So we're still waiting for EPA comments. They're a little bit behind the comments were due probably at the end of August, so we're waiting for those comments. We've already started the ninety percent of design based on the comments we have and here's kind of some of the main themes. One of them is the hundred year versus the hypothetical twenty eighty year storm is the design storm that was the NPS and sev.

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Steve DelHomme 00:36:35.340 --> 00:36:55.140

Commented on that. As we had mentioned before, we will be about, well, we are evaluating that right now, a hundred year storm is typical design storm and even the twenty eighty, it'll still be a hundred year storm. That's what the EPA requires. The storm maybe a little bit bigger storm depending on what actually happens in the future, but we're gonna compare it to the two hundred your s.

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Steve DelHomme 00:36:55.380 --> 00:37:15.500

Because that's what we had data for. It's just gonna turn out I don't think it's gonna be that much different. I think the design for the hundred year and that two hundred years gonna be about the same. So it's turned out to be a really a mood point because it's gonna be about the same design either way because it's not that much different in the in the stress levels on the river. Concern for poem involvement with lay down here that was one of the concerns that NPS had and we had.

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Steve DelHomme 00:37:15.620 --> 00:37:26.060

As well. This area new area that we just talked about should alleviate that since running an industrial area, but also should alleviate traffic concerns because this is kind of away from the main traffic areas. So.

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Steve DelHomme 00:37:27.780 --> 00:37:48.020

Requests to change the public meeting from a hundred percent, a hundred percent designed to the ninety percent design phase. So the idea was we submit the ninety percent design for stakeholder review and you know everybody has a chance to comment on that and then we do a hundred percent meeting just to present, here's what we're actually gonna do when we get out there. But I think the DOE is aminimal to moving it to ninety percent.

159

Steve DelHomme 00:37:48.300 --> 00:38:08.660

And Gretchen and and Deb will have to verify that, but I think, you know, if you want to move to the ninety percent of that helps, that's fine, but there will be public opportunity to review the, the design at ninety percent, just like there was at the thirty percent and sixty percent. Several NPS comments were on the laid down area I think those were all gonna go away now because they mostly had to do with the other areas, but now that we've agreed on this area tentatively.

160

Steve DelHomme 00:38:09.020 --> 00:38:29.060

I think those comments mostly will go away. Somebody was asking questions about the downstream management of sediment. Yeah, so this will be a permitted design that will be provided by the core and and locally and we will have to use silk fences. That's typically you would have to do, you'll have a criteria for downstream sediment that is allowable. For example, on my side in the saint john's River and Jacksonville are allowable is.

161

Steve DelHomme 00:38:29.340 --> 00:38:49.620

Twenty nine ntus, which is a tribidity unit that you have to measure, and they will give us a maximum amount that we can have and we'll have to keep the settlement down to below that, which is, you know, fairly low number. Definition of water from sediment dewatering, that will be pre treated and go to the POTW if possible, we once we get the information on that area and the and the utilities will.

162

Steve DelHomme 00:38:49.700 --> 00:39:10.140

We'll find out how much water the POTW will let us release. The other option is going through back to the river through an MPDS permit, but that could take an extended time through EPA to get permitted, it may take a year or two years and we can get a permitted in a few weeks from POTW as long as we can meet their requirements, which should be fairly easy. Potential up and beneficial uses people are asking about.

163

Steve DelHomme 00:39:10.260 --> 00:39:30.460

The location for that, so we don't have a location potential locations that we've talked about at the golf course, needs some fill and this would be a small amount of fill for them. Potentially on the lay down area. Those are both national port service owned properties, so they would have to agree to that and we'll also be looking for private uses, but it's a couple years away, the mediation is a couple years away and as we find.

164

Steve DelHomme 00:39:31.620 --> 00:39:50.900

Projects coming up, more contractors, they can talk to them and try to find a way to use it. If we can't find a beneficially used by the time national Part Service needs their lading area back, then we'll just dispose of it off site. And then the agency that will oversee the remediation is, is the Department of Energy environment that's people who are working on the remediation right now that's who I work for, and they will be over.

165

Steve DelHomme 00:39:51.620 --> 00:40:11.220

They will also be notifying the public and everybody about the actions that will be taking place and when the meetings will be and things like that. So I think and then the next slide is just a schedule It's the same that we have before it's delaying a little bit because of the we're waiting for comments from the APA, so that's, you know, causing a few week delay, but hopefully we'll get those comments either today or or Monday and then.

166

Steve DelHomme 00:40:12.020 --> 00:40:24.340

And then we get going, but we're we're already pretty far along in the ninety percent so it should be pretty quick, but there's, we just want to make sure that the APA didn't have any showstoppers in there before we get too far along, so that's that's all I have Rena. Thank you.

167

Brenda Lee Richardson 00:40:25.100 --> 00:40:33.060

Yeah, thank you Steve. And I see you responded to Marianne's question about will the trees be removed for this project?

168

Steve DelHomme 00:40:34.660 --> 00:40:55.140

Not we hate doing that. It just depends on if we have to treat or not. The way the way I laid it out is if you didn't have to do treatment and that depends on the, on the uplink use, then we wouldn't probably won't need to take out trees because the trees are kind of in that treatment area that's I'll put that there because that's a potential, but if we don't have to do the treatment, then we shouldn't have to take out trees. Not and along the short line, we won'.

169

Steve DelHomme 00:40:55.260 --> 00:41:00.900

Because we're just gonna run a pipeline of the short line, we're not gonna try to get shortline access, so we won't have to take those out for sure, for sure.

170

Brenda Lee Richardson 00:41:02.220 --> 00:41:11.500

Okay, and Vanessa asked could we see the first map in the presentation? Is this the map Vanessa? Yes. Okay.

171

Brenda Lee Richardson 00:41:13.060 --> 00:41:23.660

Chris says the district is hemorrhaging trees too fast. The DC environmental network would like to follow up on what the tree plan might be. Does that work for you Steve?

172

Steve DelHomme 00:41:24.580 --> 00:41:25.780

Good, that's fine. Yeah.

173

Brenda Lee Richardson 00:41:26.020 --> 00:41:30.500

Okay, alrighty. Thank you so much for that presentation.

174

Steve DelHomme 00:41:32.900 --> 00:41:33.900

Thank you. Thank you everyone.

175

Brenda Lee Richardson 00:41:38.460 --> 00:41:52.060

Our next, what we have up next is predicting bacterials levels in the anticostia river with Trevor Needen. And let me tell you about Trevor. Are you there Trevor?

176

Richard Jackson 00:41:53.260 --> 00:42:04.180

Just just before you do that, there was one last question from Marion about the, will the public having opportunity to just use for the site after remediation is complete? So Mary.

177

Brenda Lee Richardson 00:42:04.420 --> 00:42:05.260

Richard now.

178

Richard Jackson 00:42:06.220 --> 00:42:24.180

I think in your question in terms of if you're talking about the maintenance yard itself, that would go back to NPS. If you're talking about the beneficial use areas, then that'll be a different discussion. So it's a matter of, well, they'll be doing that work at for the settlement itself, that area goes back to MPS.

179

Richard Jackson 00:42:26.860 --> 00:42:42.300

Upon completion and like Steve said, if there's any sediment left that hasn't been able to be reused, it'll be just be shipped off and disposed of as a normal process. So I'm not sure if that, if you want to clarify what, what you're looking for is if that answers your question.

180

marian 00:42:47.140 --> 00:42:57.220

Director. Thank you very much for that. Yeah wo I'll I'd like to follow up with you all off offline about that. But thank you that does answer my question. No.

181

Richard Jackson 00:42:57.380 --> 00:43:02.500

Yep, just touch base with Gretchen and we'll get we'll get you some answers if you need till you get till you get your answers fulfilled, we'll be there.

182

marian 00:43:03.140 --> 00:43:03.900

Yes sir. Thank you.

183

Richard Jackson 00:43:04.500 --> 00:43:04.700

Sure.

184

Brenda Lee Richardson 00:43:05.380 --> 00:43:07.260

Thank you Marion. Thank you Richard.

185

Brenda Lee Richardson 00:43:09.140 --> 00:43:29.380

Okay, our next speaker, doctor Trevor Needem is a supervisory hydrologist with the USGS Maryland Delaware DC Water Service Center. His research focuses on the fate and transport of contaminants in diverse and complex environment.

186

Brenda Lee Richardson 00:43:29.380 --> 00:43:49.060

Environments to include groundwater, carst regions, wetlands, urban waters, and municipal wastewater. He is a lieutenant colonel in the US army Reserve teaching for the command in general staff college as a small group instructor.

187

Brenda Lee Richardson 00:43:50.020 --> 00:43:52.740

Very impressive doctor Natam, we're so happy to have you.

188

Trevor Needham USGS 00:43:53.740 --> 00:43:58.820

I'm glad to be back and and kind of give an update to this project. So am I coming through ok and clear?

189

Brenda Lee Richardson 00:43:59.460 --> 00:43:59.780

Yes.

190

Trevor Needham USGS 00:44:03.340 --> 00:44:12.780

Gretchen asked to reach, asked me to just give a brief update on some of this work that we've provided presentations to the group before, this is a cooperative project.

191

Trevor Needham USGS 00:44:14.380 --> 00:44:29.220

I'm, between ourselves, DOEE and the urban Waters Federal partnership. So we are currently finishing up the first year of this ongoing work, after we wrapped up our previous studies. The next slide please.

192

Trevor Needham USGS 00:44:32.820 --> 00:44:51.100

Oh, one back. Great. For those that maybe hadn't or not as familiar with the work we've done, just kinda wanted to recap some of the things that we were gonna be doing this twenty twenty four sampling period. So with that, it involved a installation of a gauge at Kenna Worth Park, so I know.

193

Trevor Needham USGS 00:44:51.380 --> 00:45:11.580

Some folks on this group noticed that the gauge that was located at the boat ramp at the Anticosterva Park is no longer there. We essentially moved that up river, so you can see a photo of that there, you'll see it off the seawall. So we installed the new gauge and obviously getting.

194

Trevor Needham USGS 00:45:12.300 --> 00:45:27.140

And operational. We also were gonna be evaluating bacteria levels. One of the differences are that we're really focusing on better understanding the title cycles effect and how the tide cycle in the lower end of costia is affecting.

195

Trevor Needham USGS 00:45:29.060 --> 00:45:48.580

The bacteria transport that results in what we consider unsafe swimming conditions. And for this year, we are hoping to do a total of seven samples divided between storm and base flow, and so far we've been able to collect two storm tied cycles and one base flow cycle at.

196

Trevor Needham USGS 00:45:49.180 --> 00:46:09.180

Worth and one storm tide cycle at Buzzard's Point, so there are additional samples that are gonna be needed, and I'll kind of discuss some of the, the things that we've been learning as we've been going forth, but you can see in the pictures we have here, this is the three different instruments that we're using for this study in the upper left, this is the fluidiant alert.

197

Trevor Needham USGS 00:46:09.380 --> 00:46:10.700

Lab. So this is a portable.

198

Trevor Needham USGS 00:46:12.140 --> 00:46:32.300

A coli bacteria analyzer so our field technicians are able to take a grab sample and then analyze the bacteria and incubate it right there in the field, which saves the time window requirement of getting it to the lab. And then we have the two fluid.

199

Trevor Needham USGS 00:46:32.780 --> 00:46:40.340

One at buzzards point, which is in the upper right, and one at Kenna Worth. Next slide, please.

200

Trevor Needham USGS 00:46:43.660 --> 00:46:58.980

Okay, so just also a brief review for those that maybe aren't as familiar with some of the results we had in the past. Based on our studies that we did at the boat ramp, really trying to analyze what are the most important factors that.

201

Trevor Needham USGS 00:47:00.580 --> 00:47:01.340

Best indicated.

202

Trevor Needham USGS 00:47:03.180 --> 00:47:23.180

A detection above the risk threshold for ecoli. We found that persist participate excuse me percipation, particularly number of days since measurable rainfall was one of the main driving factors along with tide, where we found that low slack tide positively correlated with.

203

Trevor Needham USGS 00:47:23.660 --> 00:47:44.100

Elevated bacteria levels. And if we think about this from a conceptual model at low slack tie, that's when we have the highest influence of water coming in from the upstream tributaries into that section of the lower end of costia river. And we're able to see this in some of our water quality parameters as well. And we took multiple different, it was fift.

204

Trevor Needham USGS 00:47:46.060 --> 00:47:49.820

Parameters and read them through multiple models, in order to.

205

Trevor Needham USGS 00:47:52.660 --> 00:48:12.660

Which of these different factors best predicted equality concentrations above the risk threshold. So this is just kind of an overview of the results, and this really led to the reason why we're focusing so much on understanding the tide cycle and how that relates to this section of the river and bacteria transport.

206

Trevor Needham USGS 00:48:15.140 --> 00:48:15.740

Next slide please.

207

Trevor Needham USGS 00:48:18.500 --> 00:48:35.020

So kind of being out front, one of the things that we are discovering as we're doing this work is really trying to better understand the robustness of the fluidity and instrument so we've had a few different issues this year where we've had to send the instrument back for repair. One of the things that we've learned is that.

208

Trevor Needham USGS 00:48:36.580 --> 00:48:57.060

The instrument that is highly susceptible to water damage, so if anything leaks within the instrument and essentially deadlines it and we lose those values. So unfortunately that happened during one of our storm tide cycles. We have a replacement instrument being shipped to us right now while ours is being repaired from buzz.

209

Trevor Needham USGS 00:48:57.420 --> 00:49:12.300

Point but that led to part of the reason why we have such a gap in our data. So as we're continuing to work with this as a USGS, you know, we really identify that being able to remotely activate a bacteria sampling device.

210

Trevor Needham USGS 00:49:13.780 --> 00:49:25.740

To get high frequency bacteria samples is a real need, we're still not necessarily providing any type of endorsement at this point for this instruments particularly. We're still in a testing phase ourselves.

211

Trevor Needham USGS 00:49:28.740 --> 00:49:29.780

Somebody have a comment or.

212

Trevor Needham USGS 00:49:36.420 --> 00:49:36.980

Next slide please.

213

Brenda Lee Richardson 00:49:51.540 --> 00:49:51.820

However.

214

david.smart@dc.gov 00:49:52.740 --> 00:49:53.380

Are you're muted.

215

Brenda Lee Richardson 00:49:53.460 --> 00:49:55.300

We can't hear you.

216

Trevor Needham USGS 00:49:56.580 --> 00:49:59.620

When did I mute? I'm not sure when that happened. Yeah.

217

Brenda Lee Richardson 00:49:59.860 --> 00:50:01.740

Just start with this slide again.

218

Trevor Needham USGS 00:50:02.420 --> 00:50:15.780

Okay, that was odd. So just from a study overview and kind of understanding our methodologies, on the screen here, this is the various sampling points that we're.

219

Trevor Needham USGS 00:50:17.780 --> 00:50:37.020

Using to help better develop our conceptual model and understanding. So we have, the fluidian alert V two installed of the canaworth gauge, and at the buzzer's point gauge along with these gauges, we're also collecting index velocity stage, and.

220

Trevor Needham USGS 00:50:37.940 --> 00:50:58.020

Five parameter sound. So that data should be available on Nwiss. The discharge measurement for, the enaworth gauge is that we haven't developed the rating curve yet, so we're still in the process of that, but the data will be available retroactively hopefully by novem.

221

Trevor Needham USGS 00:50:58.140 --> 00:51:18.180

Or December we'll have enough data to develop that rating curve. So we're, we have the kind of tide cycle being measured at the Kenna Worth and Buzzard's Point and the idea is that this is gonna bracket the two to better understand kind of what does water look like at the sites in between. Then during our tide cycle measurements.

222

Trevor Needham USGS 00:51:19.780 --> 00:51:35.820

Where we're trying to get that twenty four hour tide cycle, we'll also be collecting grab samples using the alert B two or the alert, the Fluidian mobile lab at Hicky run Gauge watsb branch Gauge along with the.

223

Trevor Needham USGS 00:51:39.220 --> 00:51:52.980

Dock at Kingman Island. Our previous sampling location from last year at the Anticostia river boat Ramp, a spot on the river right across from the anticostia pool there at the park. The diamond teegue.

224

Trevor Needham USGS 00:51:54.500 --> 00:52:14.740

Dock, and then using those samples to kind of figure out what did they reflect, was that water looking more like say buzzweet's point on the incoming tide or more like say kenna worth on the outgoing tide? Of note, wats branch and Hickey run both discharge just below that confluence is just below the kind of worth gauge.

225

Trevor Needham USGS 00:52:16.900 --> 00:52:34.980

So here this data is from one of our samples we were able to take, so this is after a storm event, at an ebbed tide and low slack tide. And in the kind of red bars, this is total calliform and colony forming units per hundred millimeters.

226

Trevor Needham USGS 00:52:35.420 --> 00:52:55.660

And then the blue is the ecoli per incolony forming units per hundred milliliters. What's interesting of note when we did this we found that Hicky run and wats Branch both had some of the highest ecoli levels. However, we saw that there was.

227

Trevor Needham USGS 00:52:57.140 --> 00:53:00.020

You know two to one ratio between the total call form.

228

Trevor Needham USGS 00:53:05.020 --> 00:53:24.180

Two to one ratio in the total calliform between our top caliform and ecoline, whereas in the main branch of the anticossia, we saw that total collar forms were almost, you know, seventeen to one difference. And what I think this is important to note is that some of this data is how we're trying to get at better.

229

Trevor Needham USGS 00:53:24.620 --> 00:53:25.300

Understanding how.

230

Trevor Needham USGS 00:53:27.780 --> 00:53:30.460

There maybe different sources and different things are impacting.

231

Trevor Needham USGS 00:53:32.340 --> 00:53:52.420

The anticostia river. So on this slide, it's just a, a quick capture of what that looked like as far as stage. So in the upper left, this is the stage data for the kenna Worth page bottom, below that is buzzer's point and you can see that very sharp pulse of water that came through.

232

Trevor Needham USGS 00:53:52.900 --> 00:54:08.820

Watsb branch. So this is one of the things that we're learning as we're continuing to, better gauge the anticostia River. We really see very little effects in stage and it really seems to be a tidally driven process.

233

Trevor Needham USGS 00:54:10.780 --> 00:54:23.860

As far upstream as kind of worth, and you can see that kind of very just kind of up and down this this storm even though it was a small amount had a huge effect on watts. But very little effect on the main branch.

234

Trevor Needham USGS 00:54:26.140 --> 00:54:26.620

Next slide please.

235

Trevor Needham USGS 00:54:29.300 --> 00:54:48.300

And then from this process that we're able to measure the different levels throughout that period for the ecoli levels, you'll see the red dashed line is an approximate risk threshold for a one time sampling. So these units are in cf.

236

Trevor Needham USGS 00:54:49.140 --> 00:54:53.500

The regulatory guidance is in most probable number. It's about fifteen hundred.

237

Trevor Needham USGS 00:54:55.580 --> 00:55:07.020

Cfus it equates to that limit of four hundred and ten, but just for a kind of a reference point we have this on here. But what we see is that the kenna worth gauge, we had.

238

Trevor Needham USGS 00:55:08.580 --> 00:55:10.220

Initially, you know, before.

239

Trevor Needham USGS 00:55:12.260 --> 00:55:32.580

In our base flow lower bacteria levels, then on the outgoing tie, the app tide, we see an increase. Interesting enough, we see another increase at the high slack tide and then another it remains high down to the low on the b tide. But downstream we really don't see elevated levels at buzzwor.

240

Trevor Needham USGS 00:55:32.820 --> 00:55:38.980

Point and so far all of our measurements we haven't seen any levels that would be above what we would consider a risk threshold.

241

Trevor Needham USGS 00:55:41.820 --> 00:55:42.420

Next slide please.

242

Trevor Needham USGS 00:55:46.100 --> 00:55:47.940

Another sample that we were taking.

243

Trevor Needham USGS 00:55:52.060 --> 00:55:55.420

This is at a base flow measurement. So again, we see.

244

Trevor Needham USGS 00:55:59.460 --> 00:56:19.580

Ifferences in the ratio between our total calliformity coli and what was really of interest is during base flow that Hicky run was approximately twenty five thousand cfus permiliar in base flow conditions, and you can see how close that correlates with total caller forms. So most of the caller forms present at.

245

Trevor Needham USGS 00:56:20.620 --> 00:56:39.620

Are coming from equalyte. And unfortunately this is when we had water damage at the buzzards point gauge and that instrument wasn't able to collect the full tide cycle, but we can use diamond tee to kinda as a general reference point we see that it was lower at that area. And there was one chat, so.

246

Trevor Needham USGS 00:56:40.860 --> 00:57:00.260

Fifteen hundred cfus of ecoli this is based off of a correlation we did doing grab samples side by side, and that was approximately where it was at forty cost year river boat ramp, but we need to do another measurement for the two new locations. So they're not the same units.

247

Trevor Needham USGS 00:57:00.940 --> 00:57:10.180

Fourteen is most problem number per hundred milliliter and C the fluidity and measures in tonyforming units per hundred milliliter.

248

Trevor Needham USGS 00:57:14.540 --> 00:57:15.060

Next slide please.

249

Trevor Needham USGS 00:57:17.020 --> 00:57:18.820

So just looking at some of these numbers.

250

Trevor Needham USGS 00:57:21.060 --> 00:57:40.860

If you go from the sites, so this is from upstream to downstream, approximately by locations, you can see the time of sample, the tight stage, and the bacteria measurements in both ecoli and total poly form. Also of note, and this is one area that we're pursuing further to better.

251

Trevor Needham USGS 00:57:41.940 --> 00:57:59.180

The difference is in specific connectivity and we're able to use that somewhat as a conservative tracer as we look at the different inputs the anticostia. So Hicky running this case had almost a thousand micro Siemens and conductivity, whereas the base flow is much lower.

252

Trevor Needham USGS 00:58:00.540 --> 00:58:07.180

In the main branching at Costia and also water in the petomic grouper is much lower as well. So you can see these different.

253

Trevor Needham USGS 00:58:08.860 --> 00:58:10.220

Concentrations as we go through.

254

Trevor Needham USGS 00:58:12.060 --> 00:58:21.380

Of note the wats branch and Hickyrun were both over what we would consider that risk threshold, and we see at the low tide kinda worth was below.

255

Trevor Needham USGS 00:58:23.460 --> 00:58:26.540

And we see that we don't see much impact of the rest of.

256

Trevor Needham USGS 00:58:27.940 --> 00:58:34.100

The river, even with the Kingdom island, which is somewhat just downstream.

257

Trevor Needham USGS 00:58:39.620 --> 00:58:55.180

Now one of the things I wanted to show also is some of the struggles and better understanding storm flow in the unicastia. And this is one of the things where our gauge at kenna Worth is really providing a lot more information and I don't know if I'd be able to show my screen, is that possible just to play a video.

258

Brenda Lee Richardson 00:59:00.580 --> 00:59:01.500

Action David.

259

gretchen mikeska 00:59:01.860 --> 00:59:03.700

Yeah David, will that work? If he could.

260

david.smart@dc.gov 00:59:04.420 --> 00:59:07.700

I believe if he just tries to share, it'll like request.

261

david.smart@dc.gov 00:59:15.300 --> 00:59:17.820

If it doesn't work right away, then I'll just stop sharing.

262

Trevor Needham USGS 00:59:21.140 --> 00:59:21.700

That coming through?

263

Trevor Needham USGS 00:59:23.660 --> 00:59:26.740

Great, I tried to send this but unfortunately it was a little bit too.

264

Trevor Needham USGS 00:59:28.140 --> 00:59:38.140

Too large and so I wanted to show this is a period where we had some intense storms within the area, so this was approximately from.

265

Trevor Needham USGS 00:59:40.260 --> 00:59:59.820

The sixth until the thirteenth data that we've collected at our USGS gauges. So we have the budgets point gauge at the lower left hand corner. We also have the gauges at Northwest, northeast branch, Beaverdam Creek Hickey run, Kennelworth and Watson branch. And what I'm gonna be showing.

266

Trevor Needham USGS 01:00:01.060 --> 01:00:20.380

The blue bars are stage. So this isn't discharge, this is stage and there are negative values for stage, so this is based on reference point how it moves up and down, and then you'll see heat maps for turbidity. And on the bottom right, I have the partici precipitation values that.

267

Trevor Needham USGS 01:00:20.580 --> 01:00:31.500

Were measured for this storm. And it's kind of interesting to see how the river reacted. So I'm just gonna play it for you and you can see kind of that oscillation. This is the, what we could consider more of the.

268

Trevor Needham USGS 01:00:33.380 --> 01:00:38.780

Title influence and which streams are most affected by it. So we see, you know, budget's point is very title.

269

Trevor Needham USGS 01:00:40.580 --> 01:00:48.940

Kinda work and Beavernam Creek. And you can see as precipitation hits these sharp spikes we see in the drop off and the trips.

270

Trevor Needham USGS 01:00:51.420 --> 01:00:53.900

And the turbidity going up in the different tributaries.

271

Trevor Needham USGS 01:00:55.940 --> 01:01:00.860

But of note, we see very little effect down at Buzzard's point despite.

272

Trevor Needham USGS 01:01:02.860 --> 01:01:04.540

Over two inches of rainfalling.

273

Trevor Needham USGS 01:01:22.660 --> 01:01:33.580

We're still trying to figure out there was a pulse of turbity that came through Hickey run after the main precise event. So some of this data really is.

274

Trevor Needham USGS 01:01:36.180 --> 01:01:50.300

Valuable and better understanding what's occurring and better understanding the hydro dynamics of the anticostia and what's actually influencing and driving contain bacteria transport within the this lower reach.

275

Trevor Needham USGS 01:01:53.740 --> 01:01:54.100

Next slide please.

276

Trevor Needham USGS 01:01:58.620 --> 01:02:03.580

Okay this was gonna be the the video, which I was able to show, so thankful for that next.

277

Trevor Needham USGS 01:02:05.180 --> 01:02:05.300

That's.

278

Trevor Needham USGS 01:02:08.100 --> 01:02:28.100

Great. So some of our way ahead, we continue to repair and place the fluidian and reinstall it at zet's point gauge. We will be extending our sampling window for this year through the fall of twenty twenty four to get our necessary samples, so not just loading it to the swim season ending at the end of this month and we'll have another round of collection in.

279

Trevor Needham USGS 01:02:28.580 --> 01:02:32.460

Twenty twenty five swim season. And ideally put out this.

280

Trevor Needham USGS 01:02:34.060 --> 01:02:45.500

This information and the lessons learned and some what we've been able to figure out in a peer reviewed journal in twenty twenty six. With that, next slide. Open to any questions. People might have.

281

Trevor Needham USGS 01:02:48.500 --> 01:02:51.900

See a few in the comments, however you'd like to moderate them.

282

Brenda Lee Richardson 01:02:52.260 --> 01:02:53.460

Okay, I'll I'll.

283

Brenda Lee Richardson 01:02:55.260 --> 01:03:05.620

Do that for you Trevor. That was a great presentation. Thank you. Camisso, you tried to jump in earlier. Did you have a question or comment?

284

Mike Commisso 01:03:06.380 --> 01:03:09.420

I know, nope, I just signing in. Thanks Brenda.

285

Brenda Lee Richardson 01:03:10.180 --> 01:03:11.140

Okay, thank you.

286

Brenda Lee Richardson 01:03:12.740 --> 01:03:27.460

So Trevor, we've got a question from Marianne. The Anticoster River Keepers monitoring program has indicated that wats Branch has never passed downards for swimmable. Is it possible to investigate this problem?

287

Trevor Needham USGS 01:03:30.700 --> 01:03:34.380

I think it's it's outside of my scope I can tell you what.

288

Trevor Needham USGS 01:03:36.620 --> 01:03:55.540

Might be leading to it as we find indicators. So we're trying to understand what is predictive, but what we need to also figure out is how much does wats branch influence the swimmable conditions in the lower end costya as well, even though it's high, it may not be the driving factor for risk, so that's kind of what we're trying to.

289

Trevor Needham USGS 01:03:56.340 --> 01:03:59.700

Better understand now. Icky run also is notoriously hot.

290

Brenda Lee Richardson 01:04:01.460 --> 01:04:12.740

Okay, thank you. Rita, in addition to bacteria samples, any intention to test for Amiba, protozoa.

291

Brenda Lee Richardson 01:04:13.660 --> 01:04:14.180

Services.

292

Trevor Needham USGS 01:04:14.180 --> 01:04:14.220

So.

293

Trevor Needham USGS 01:04:16.740 --> 01:04:33.420

No only because what we're doing is we measure for ecoli as a fecal indicating bacteria. The idea is that if an if a pathogenic microbe is present, the assumption is that ecoli will also be present.

294

Trevor Needham USGS 01:04:35.140 --> 01:04:51.300

But the number of different pathogens that you would have to test for and the relatively low abundance, it'd be much harder to test for the wider array. So to be conservative, they typically look for ecoli in fresh water. Hopefully that answers it.

295

Brenda Lee Richardson 01:04:51.980 --> 01:05:05.380

Okay, Marianne is also asking, she'd like to invite you to speak at their upcoming meeting Several of their members participate in monitoring programs and would be very, very interested in your work.

296

Trevor Needham USGS 01:05:06.100 --> 01:05:08.300

Certainly my contact information's there, so.

297

Brenda Lee Richardson 01:05:11.860 --> 01:05:27.140

Oh, this is from the Anticoster River Keeper Susie. How was or Trey, how was fifteen hundred CFU ecoli one hundred MLs equated or related to four hundred and ten of the same unit?

298

Trevor Needham USGS 01:05:29.060 --> 01:05:34.260

It's not the same unit, so it's most probable versus colony forming units, so they're slightly different.

299

Trevor Needham USGS 01:05:36.260 --> 01:05:50.620

We basically took multiple grab samples using both the call alert method and the fluidian side by side and developed a correlation so we can convert the two. And based on that, we set four ten.

300

Trevor Needham USGS 01:05:52.260 --> 01:05:53.260

And saw what that would be.

301

Brenda Lee Richardson 01:05:55.940 --> 01:05:59.420

Thank you Trevor. Interesting acronyms in this conversation.

302

Brenda Lee Richardson 01:06:02.340 --> 01:06:09.180

MPN and CFU equivalent is a conversion factor or translator needed.

303

Trevor Needham USGS 01:06:10.100 --> 01:06:30.020

It is and one of the things we've discovered is that you need to work it up for each location. So the conversion factor is close for instance, when we looked at our gauge when we had it at Blaytonsburg, but it wasn't exact for the boat ramp. So we need to develop new correlations between.

304

Trevor Needham USGS 01:06:30.740 --> 01:06:33.980

Buzzer's point and Kenna Worth for this year.

305

Brenda Lee Richardson 01:06:35.660 --> 01:06:53.220

Q of Steve Beeber says great presentation Trevor. I know you SGS has lost funding for several gauges in the patomic watershed. Are any gauges supporting this work in the anticostia at risk due to lack of funding?

306

Trevor Needham USGS 01:06:56.100 --> 01:06:58.860

The Beaverdam Gauge is a ongoing.

307

Trevor Needham USGS 01:07:01.300 --> 01:07:20.940

One that we're trying to make sure that we get funded. It's on the maryland side. I know that that kind of comes up every year, but that gauge and the data provides is pretty critical for understanding loads to the anticostia for a variety of contaminants of Concern DOE.

308

Trevor Needham USGS 01:07:21.100 --> 01:07:35.180

Has been very helpful and continuing to fund the gauges that we have. The anticostia river gauge at Kenna Worth with our urban water's proposal is only funded for two years. So if this is something that is of interest and.

309

Trevor Needham USGS 01:07:36.500 --> 01:07:51.700

Would like to have people continue to get data from, that might be one that we'll need to look at for twenty twenty six and beyond to, to keep operational, but once we were able to get discharged for Kenna work, I think that'll be a pretty critical gauge and better understanding.

310

Trevor Needham USGS 01:07:53.140 --> 01:07:54.180

The river dynamics.

311

Brenda Lee Richardson 01:07:56.300 --> 01:07:56.900

Thank you.

312

Brenda Lee Richardson 01:07:59.700 --> 01:08:12.980

Jolil, thank you for your comment. Marion is asking is upper anticostia north or Benning Road not considered significant or important for potential water contact.

313

Trevor Needham USGS 01:08:16.140 --> 01:08:18.580

Marion is that within Maryland or DC?

314

Brenda Lee Richardson 01:08:21.299 --> 01:08:21.700

Variant.

315

marian 01:08:23.779 --> 01:08:28.460

That's in DC for it's two miles long from New York Avenue to.

316

marian 01:08:30.980 --> 01:08:43.980

To Benning road. It sounds like you're collecting data there but interested in the impact in the lower anticostia, but not, you know, necessarily in that area. It's a really popular area and people are.

317

Trevor Needham USGS 01:08:44.380 --> 01:08:44.940

Looking from.

318

Trevor Needham USGS 01:08:46.259 --> 01:08:48.180

Kenna Worth to Buzzard's Point.

319

Trevor Needham USGS 01:08:52.980 --> 01:08:55.220

So would that include it in that stretch.

320

marian 01:08:57.140 --> 01:09:03.819

Well, it's not the whole thing, no. Okay. But yeah, that's about one mile of the two.

321

Trevor Needham USGS 01:09:04.740 --> 01:09:04.779

Okay.

322

marian 01:09:06.660 --> 01:09:06.700

Yeah.

323

marian 01:09:08.660 --> 01:09:14.700

I'm assuming that this work is related to a particular project like potential swimming areas.

324

Trevor Needham USGS 01:09:15.060 --> 01:09:20.779

It's driven by the potential swimming areas and better understanding what we would need to.

325

Trevor Needham USGS 01:09:22.580 --> 01:09:32.140

Be proactive and predicting conditions that would lead to high levels of bacteria. So we're not telling people after the fact why there's sick.

326

marian 01:09:34.220 --> 01:09:34.420

Okay.

327

Brenda Lee Richardson 01:09:34.859 --> 01:09:35.660

Thank you Maria.

328

marian 01:09:36.100 --> 01:09:36.740

Okay, thank you.

329

Brenda Lee Richardson 01:09:37.380 --> 01:09:40.220

Okay, Rita Campbell has.

330

Brenda Lee Richardson 01:09:41.980 --> 01:10:02.220

A comment in the chat about detox protocols for these harmful microbes and she's added a link, and then Jose is at, is sharing. I'm from the Department of Youth three have services and seeking workshops for youth worksites I'm sorry, for youth to.

331

Brenda Lee Richardson 01:10:02.340 --> 01:10:08.180

Do YIRS funded internships. If you are interested in this contact him.

332

Brenda Lee Richardson 01:10:10.340 --> 01:10:11.940

Is that something that the youth could do?

333

Trevor Needham USGS 01:10:14.500 --> 01:10:21.580

It depends on what we're looking at doing. We do offer student internship programs through the USGS that we can hire folks with.

334

Trevor Needham USGS 01:10:23.460 --> 01:10:25.020

It depends on what the nature of the work is.

335

Brenda Lee Richardson 01:10:26.060 --> 01:10:34.780

Okay, alright, Trevor, thank you so much for your time and that great presentation, it was awesome.

336

Trevor Needham USGS 01:10:37.620 --> 01:10:39.460

Look forward to sharing more information in the future.

337

Brenda Lee Richardson 01:10:40.100 --> 01:10:41.020

Okay, thank you.

338

Brenda Lee Richardson 01:10:43.180 --> 01:11:01.220

Our next item on the agenda is an update on Penzie, the penzie drive investigation by Don Folcher, and Don is an EPA site assessment manager and life scientist. Donn, you're up next. Thank you.

339

Brenda Lee Richardson 01:11:07.020 --> 01:11:08.780

Don, are you here? There you are.

340

Brenda Lee Richardson 01:11:12.980 --> 01:11:14.220

Don, we can't hear you.

341

Dawn Fulsher 01:11:18.580 --> 01:11:19.180

Heard me now.

342

Brenda Lee Richardson 01:11:19.780 --> 01:11:21.060

Yes, yes.

343

Dawn Fulsher 01:11:22.980 --> 01:11:24.300

Thank you very much for the introduction.

344

Dawn Fulsher 01:11:26.220 --> 01:11:38.060

I'm, as mentioned I'm a site assessment manager and life scientist and region three EPA. I am the EPA project manager for the pency Drive investigation.

345

Dawn Fulsher 01:11:39.620 --> 01:11:41.860

And I will next slide please.

346

Dawn Fulsher 01:11:46.300 --> 01:12:05.980

I will be providing you with an update on the project and go over the field investigation that was recently completed, in July of this year. So I just want to give you a little context and background information on how EPA beca became involved in this.

347

Dawn Fulsher 01:12:07.340 --> 01:12:09.620

And the overall goals.

348

Dawn Fulsher 01:12:12.260 --> 01:12:32.100

So EPA tends to provide resources such as grants to our various states for our pre remedial program, and we also offer resources and technical assistance on various projects, and in this case.

349

Dawn Fulsher 01:12:34.100 --> 01:12:51.980

Liz Green of MBE and back then Mark Mank had requested that we look at the MS four storm source system in terms of the potential for there to be PCBs and the, in the sediments there, and also look at various.

350

Dawn Fulsher 01:12:52.860 --> 01:12:53.460

Outfalls.

351

Dawn Fulsher 01:12:55.460 --> 01:13:01.820

That flow into lower beaver \*\*\*\* Creek from the pency drive area. So at the beginning of the project.

352

Dawn Fulsher 01:13:04.180 --> 01:13:23.860

We were looking at historical records and I know some of that's been presented by Liz in the past, and we looked at Ariel photography because we wanted to attempt to locate any potential sources of pcvs by, you know, combing through all the.

353

Dawn Fulsher 01:13:24.060 --> 01:13:26.220

Records that we could find city directories.

354

Dawn Fulsher 01:13:30.220 --> 01:13:44.140

We have been co coordinating with ND for quite some time on selecting additional locations besides the outfalls that they wanted us to, to look at, and we've been sharing data with them.

355

Dawn Fulsher 01:13:46.700 --> 01:13:55.340

So the ultimate goal is to collect PCB data inside the storm sewers in the conveyances.

356

Dawn Fulsher 01:13:56.660 --> 01:13:58.660

Near the outfalls and the sediments.

357

Dawn Fulsher 01:14:03.700 --> 01:14:13.900

Up to date data for that, and we will share the data once it's been validated to, with the part.

358

Brenda Lee Richardson 01:14:22.900 --> 01:14:23.940

On, we lost you.

359

Brenda Lee Richardson 01:14:42.980 --> 01:14:43.460

Gretchu.

360

gretchen mikeska 01:14:44.620 --> 01:14:47.340

Let's see, let me see if Arlene.

361

gretchen mikeska 01:14:52.380 --> 01:14:59.620

Arlene, can you assist Don again? I know she was having audio troubles early on.

362

arlene carter 01:15:00.660 --> 01:15:02.500

Question I certainly will. Let me give her a call.

363

Brenda Lee Richardson 01:15:08.260 --> 01:15:16.620

In the meantime, we want to thank everybody for asking all these great questions and making such wonderful comments.

364

Brenda Lee Richardson 01:15:18.540 --> 01:15:20.140

We appreciate your engagement.

365

gretchen mikeska 01:15:25.620 --> 01:15:35.020

Just a few words about the leadership council in general. So you met Evan and Vita at the beginning, so Evan and I had been kind of working on.

366

gretchen mikeska 01:15:36.540 --> 01:15:43.580

You know more or less looking at the council and how it could go forward for.

367

arlene carter 01:15:44.300 --> 01:15:47.300

Is it possible for us to come back to dawn? She didn't answer.

368

gretchen mikeska 01:15:48.580 --> 01:16:08.420

Yeah, sure. We can go into the next one. So this is why we, you know, added the three new seats and I think at the next meeting we'll go around and introduce all the new members. I mean some of the new members are basically people that have retired or moved on to another positions, and then we have the three new seat.

369

gretchen mikeska 01:16:08.620 --> 01:16:20.060

So we can look forward to that the next meeting where we can really focus on those new leadership council members. But now back to our agenda and then hopefully we can circle back around to Don. All right, Brenda.

370

Brenda Lee Richardson 01:16:20.740 --> 01:16:24.620

Thanks thanks Gretchen. Next on the agenda, we have.

371

Brenda Lee Richardson 01:16:26.420 --> 01:16:36.580

A discussion presentation on the beneficial use of dredged material guidance manual by dev. Oh, I'm sorry that's wrong.

372

Brenda Lee Richardson 01:16:38.540 --> 01:16:58.500

We have beneficial use of, oh, there are two. This is the judge material overview by Eric, and Eric Lind Heimer is the chief of the navigation branch of the USA CE Baltimore District and has been working with the district for over.

373

Brenda Lee Richardson 01:16:59.020 --> 01:17:19.220

Sixteen years. Eric is responsible for managing the district's navigation program that includes operating and maintaining the district's navigation infrastructures such as deep draft and shallow draft channels and harbors and navigation structures such.

374

Brenda Lee Richardson 01:17:19.460 --> 01:17:39.900

As jetties and back brake waters. In addition, he oversees the survey and debris section, which is responsible for conducting hydrographic surveys and removing debris within the federal channels. Wow Eric, that's a mouthful. I can.

375

Brenda Lee Richardson 01:17:39.940 --> 01:17:41.900

Can't wait to hear what you have to share.

376

Eric Lindheimer USACE 01:17:50.820 --> 01:17:59.140

Thank you everyone. Good morning. So I'm happy to be here today to participate and just real quick, can anybody hear me?

377

Brenda Lee Richardson 01:18:01.060 --> 01:18:03.540

Yes, we can hear you. Okay.

378

Eric Lindheimer USACE 01:18:03.660 --> 01:18:18.380

All right, good. All right, so in general I'll just gonna be giving an overview of this news program for the core of engineers that covers applaud overview of some of the different terms and technologies that renews and.

379

Eric Lindheimer USACE 01:18:19.740 --> 01:18:39.780

Real quick brendall, are you getting quick introductions, so again, you know, my name's going Higher. I'm navigation branch chief, and, you know, some of the big things that we do, we maintain all the federal channels within the Chessay bay, and there's about eighty seven miles of deep draft fifty foot channels known as the Baltimore harborn channels project.

380

Eric Lindheimer USACE 01:18:40.780 --> 01:18:45.700

And that's primarily the main channel shipping channel that.

381

Eric Lindheimer USACE 01:18:47.820 --> 01:19:04.900

Originates in the atlanding ocean and goes all the way up to the Port of Baltimore, and then throughout the barry, we also manage and maintain ninety shower drive projects that consists of over two hundred miles of channels as well as thirty seven navigational structures. And.

382

Eric Lindheimer USACE 01:19:06.380 --> 01:19:26.500

Basis, the core of engineer is just specifically, we removed approximately three point two million cubicyards of material from the federal each year. And as part of our beneficial news program, from Baltimore Harbor channels replaced about one point seven million to.

383

Eric Lindheimer USACE 01:19:26.980 --> 01:19:46.140

Two million gbprs of material at popular Iron. I think a lot of you are familiar with popular Island, and you know, also for a shallow job judging projects we're always, you know, shiving to beneficiary renewsed judge material for beach renowledgement and whatnot habitat. Next slide please.

384

Eric Lindheimer USACE 01:19:48.460 --> 01:19:51.620

All right never mind, we're the agenda, sorry, go back real quick.

385

Eric Lindheimer USACE 01:19:53.100 --> 01:19:54.100

So I'm just gonna cover.

386

Eric Lindheimer USACE 01:19:58.300 --> 01:20:09.540

A few things here. I know I don't have a lot of time so primary goal was to provide a clear understanding of the terms of associated with beneficial use. That's fine, please.

387

Eric Lindheimer USACE 01:20:13.340 --> 01:20:31.180

So the formal definition of beneficial news for us in the core of engineers reviews are engineering manual in a states the beneficial users are defined as productive and positive news is of judge material which cover broad news category range of our fish and wildlife habitat development.

388

Eric Lindheimer USACE 01:20:31.700 --> 01:20:36.140

To human recreation, to industrial commercial uses. And.

389

Eric Lindheimer USACE 01:20:38.140 --> 01:20:58.260

Benefits of news can encompass the following items such as you know, management, wire life habitat, land improvement, shortline protect protection, and all this can go on. And then quick quick points, the picture in the middle that you see is one of our mid bay restoration project, and that.

390

Eric Lindheimer USACE 01:20:59.020 --> 01:21:09.780

Considered the next popular island and that's gonna start receiving beneficial news and judge material and the year of two thousand and thirty, and then the one on the right, that's.

391

Eric Lindheimer USACE 01:21:11.220 --> 01:21:27.060

Another one of our job i apologize. River. And wildwide management repuge down there, we renewed a lot of the material down there and that's we just completed phase one of the next slide please.

392

Eric Lindheimer USACE 01:21:29.820 --> 01:21:48.500

Alright, so the kind of further break it down a little more on some of the other terms under the benefits of use umbrella. So here you talked about beneficial use video and then we also have engineering with nature and regional sediment management. So the engineering with nature is an.

393

Eric Lindheimer USACE 01:21:49.020 --> 01:22:08.900

Initiative that leverages natural systems to provide in the benefit and value of a project. And that's typically handled by our Nick engineering research and development center and the core of engineers, and then we also have the regional settlement management, which is a assistance approach for the effective use of sediment, also.

394

Eric Lindheimer USACE 01:22:09.380 --> 01:22:18.260

Same thing verdict or cultural hydrologist lab, they leave that effort and I'll point out some examples about that. Next slide.

395

Eric Lindheimer USACE 01:22:22.540 --> 01:22:32.540

Another thing to point out, you know, not just with the core of engineers, but the state also has their own terminology especially the state of Maryland. So there's some differences and.

396

Eric Lindheimer USACE 01:22:34.420 --> 01:22:54.700

For both more Harbor channels, a lot of the material that renews are not federal partner is the matter on point of illustration to the state of Maryland. And they typically use terms such as innovative renews and beneficial news, which the primary distinction is being where the material is place.

397

Eric Lindheimer USACE 01:22:54.980 --> 01:22:56.500

Placed. And.

398

Eric Lindheimer USACE 01:22:59.100 --> 01:23:14.420

Innovative renews and compasses last time placement and is typically after material has been dried for amended and you can kind of see beneficial news is primary limited to in water placement, which is different than what we do.

399

Eric Lindheimer USACE 01:23:17.220 --> 01:23:17.740

Next slide please.

400

Eric Lindheimer USACE 01:23:20.540 --> 01:23:39.340

And real quick, just a quick recap, you have beneficial news, which is the overall umbrella and for navigation for dressed material for us, benefits and uses at the center and then you have it further defined in two sub components such as engineering with nature, your own which is innovative re.

401

Eric Lindheimer USACE 01:23:40.340 --> 01:23:59.740

And then RSM regional saturday management. And then we also have a couple of other new ones that we talked about, which is TLP, which is called thin liar placement. And, and then we have which is called Natural in nature based features. Just real quick, you know, thin liar placement is a method for place.

402

Eric Lindheimer USACE 01:24:00.260 --> 01:24:20.420

Thin layers of sedament of judge material between, you know, six to twenty four inches. So the idea behind that is to match the natural sediment deposition process that promotes the recall organization of habitats assess of biggest challenging for us involved medician because.

403

Eric Lindheimer USACE 01:24:21.140 --> 01:24:40.940

It's for us, we'll be moving a lot of material and it's difficult to elimit the placement that to twenty four inches due to the sides. The placement site and the amount of material to be dredged. And then the last one was natural and nature based features, which is more of a it's focused on flood rich management outcom.

404

Eric Lindheimer USACE 01:24:41.220 --> 01:24:45.620

And I have a slide specific for that, so I'll show you that next. Next slide please.

405

Eric Lindheimer USACE 01:24:49.900 --> 01:24:53.180

Real quick overall for our beneficial news.

406

Eric Lindheimer USACE 01:24:54.580 --> 01:25:14.540

Programs and priorities that we've done, I just wanted to touch on a couple of projects that we have in the area of completed projects. So the top left is Swan island, which is a white whiteland restoration. Ireland habitat project that we did. And that Island is US visual life service.

407

Eric Lindheimer USACE 01:25:15.060 --> 01:25:35.060

Property and the Smith Island, and we placed about seventy two thousand cubic yards there for which they called four affair channels. And you can see the difference from the original picture on the top and the bottom picture is the newly formed habitat with about seventy two thousand cubicyards of material.

408

Eric Lindheimer USACE 01:25:36.100 --> 01:25:37.860

With all the demarch and the white land.

409

Eric Lindheimer USACE 01:25:39.340 --> 01:25:58.980

Expansion. And the upper right picture is another project that we did, which is steel island wireline management area and that area received about a hundred and sixty thousand cubic yards of judge material from the lowerable comical river. This is a recent project that was back in two thousand twenty three.

410

Eric Lindheimer USACE 01:25:59.900 --> 01:26:19.580

And we just finished phase one of the planet. She had she the difference for a picture on the left is the containment area and the new judge material and one on the right is the pennish potted where we're going for. And then the bottom right is little mechobical river, which is way down south.

411

Eric Lindheimer USACE 01:26:20.380 --> 01:26:40.580

At the mount of the tromic River in Virginia, and this is a small channel down there. We removed about twelve thousands of yards from the channel and we we offload the material right out right outside of the beach, not on the beach but you know the weights were kind of move the material out to the beach.

412

Eric Lindheimer USACE 01:26:41.100 --> 01:26:43.620

And that was the beach middle arrangement project.

413

Eric Lindheimer USACE 01:26:45.340 --> 01:26:46.020

Next slide please.

414

Eric Lindheimer USACE 01:26:49.820 --> 01:27:07.780

It's real quick again, popular I mentioned this, this is our primary beneficially news project that we have. That's known as the crowd jewel and Chesapeak Bay, and on the right, those are all of our main channels, so one set of.

415

Eric Lindheimer USACE 01:27:08.260 --> 01:27:16.340

In red, the material for most channels that we judge on an annual basis will go to a popular island and of course the material will spend tested.

416

Eric Lindheimer USACE 01:27:18.500 --> 01:27:29.660

Region requirements for replacement over a popular island, and that that site is for one thousand seven hundred and fifteen acre site. And.

417

Eric Lindheimer USACE 01:27:31.500 --> 01:27:50.020

It's received about forty five million cubicyards to clearing charge materials since two thousand and one. Right now we have about thirty three percent remaining before we reach capacity and I had mentioned earlier that we have mid bay. That's coming online in two thousand and thirty, which is gonna be very similar to popular Island.

418

Eric Lindheimer USACE 01:27:54.060 --> 01:27:54.700

Next slide please.

419

Eric Lindheimer USACE 01:27:58.180 --> 01:28:16.580

Alright, this is engineering with nature and I just wanted to kind of touch on what this is. So this is a initiative that leverages natural systems to, you know, assist with infrastructure projects. So this is a project down on that list of a back Creek.

420

Eric Lindheimer USACE 01:28:16.860 --> 01:28:37.140

And we have an existent chatty down there and it's somewhat tailing condition. So we are, we reached out to Ordin, which is our engineering research development center and you know, they developed a report and it contains renderings like the one on the right and the technology they're news is very.

421

Eric Lindheimer USACE 01:28:37.300 --> 01:28:43.940

Cutting edge and it you know helps put together concepts on how we can, you know, reconstruct a new jetty.

422

Eric Lindheimer USACE 01:28:46.860 --> 01:29:07.220

Some of the issues that we have, you know, it's not part of our existing authorization because our authorization for Chinese are very specific, you know, Congress has to approve it and there's certain sizes et cetera. So you can see on the picture on the right, the little red circle is an extension of the user which.

423

Eric Lindheimer USACE 01:29:07.300 --> 01:29:22.300

Will be a great idea for for things like that, it would have to go through a process of, you know, getting approval for Cognis to be able to construct something like that. So a lot of times, you know, it's easier for us to, you know, build the jetty out, build it up higher or.

424

Eric Lindheimer USACE 01:29:23.940 --> 01:29:32.380

Repair the jetty. So these are, you know, some things that we have down in the pipeline that we're trying to work and, you know, get some new concepts out.

425

Eric Lindheimer USACE 01:29:34.820 --> 01:29:35.300

Next slide please.

426

Eric Lindheimer USACE 01:29:37.420 --> 01:29:56.780

And then this is our natural nature base features and then we have again, you know, it shows two different kinds of systems. So, you know, this is primary relevant to flood risk management while producing additional economic environmental and or, you know, social benefits. And.

427

Eric Lindheimer USACE 01:29:57.300 --> 01:30:15.180

Right here we're primarily talking about features that can help weaken the impact from ways by offering improved protections source. So you can see on the right with the concrete greet balls, the high margins, so we do a lot of that and also setting you'll see a lot of the marches that we had.

428

Eric Lindheimer USACE 01:30:18.340 --> 01:30:18.820

Next slide please.

429

Brenda Lee Richardson 01:30:19.660 --> 01:30:34.380

Quick, we only have five minutes left for your presentation and we've got several questions in the chat. Do you mind if, if I share the questions within four last five minutes?

430

Eric Lindheimer USACE 01:30:35.620 --> 01:30:39.580

That's sure that's fine. I'll touch on this and I'm just trying to jump right to the last slide.

431

Brenda Lee Richardson 01:30:40.740 --> 01:30:44.900

I don't think we're gonna can can we just ask the questions if you don't mind?

432

Eric Lindheimer USACE 01:30:47.220 --> 01:30:49.100

Trying to do whatever works for you to group.

433

Brenda Lee Richardson 01:30:49.700 --> 01:31:00.060

Okay, so Marianne wants to know, are you involved with the dredging of the marina at the Blaytonsburg Waterfront Park.

434

Eric Lindheimer USACE 01:31:04.420 --> 01:31:05.820

They're not involved with that.

435

Eric Lindheimer USACE 01:31:07.780 --> 01:31:15.300

A regulatory office might be, maybe it's submitted to the core of engineers, but I haven't seen anything on my desk for that.

436

Brenda Lee Richardson 01:31:17.220 --> 01:31:31.620

And Rita's asking, can integration of collections from dc's compost program with judgement materials served to assist in reestablishment of healthy micro deal.

437

Eric Lindheimer USACE 01:31:35.780 --> 01:31:39.260

That's a good question. It will be, you know, definitely something to look into.

438

Brenda Lee Richardson 01:31:44.860 --> 01:31:53.260

And then finally, Marianne would like to have your contact information if you could put that in the chat, that would be very helpful.

439

Eric Lindheimer USACE 01:31:55.340 --> 01:31:56.260

I'll drop it in the chat.

440

Brenda Lee Richardson 01:31:56.940 --> 01:31:56.980

Okay.

441

Brenda Lee Richardson 01:31:59.220 --> 01:32:00.460

Thank you so much Eric.

442

Eric Lindheimer USACE 01:32:02.940 --> 01:32:03.940

Thank you anytime.

443

Brenda Lee Richardson 01:32:04.580 --> 01:32:04.820

Alright.

444

Brenda Lee Richardson 01:32:07.980 --> 01:32:14.220

We wanted to go back to Don, Gretchen can Dawn Dawn is your.

445

Brenda Lee Richardson 01:32:15.860 --> 01:32:17.660

Can you hear us and can we hear you.

446

Dawn Fulsher 01:32:20.060 --> 01:32:21.820

I don't know if you can hear me, but I can.

447

gretchen mikeska 01:32:21.860 --> 01:32:22.820

Yeah, that's good.

448

Brenda Lee Richardson 01:32:23.940 --> 01:32:23.980

Because.

449

Dawn Fulsher 01:32:24.660 --> 01:32:31.460

About the technological snaffu earlier. My audio just randomly dropped.

450

Brenda Lee Richardson 01:32:32.100 --> 01:32:35.940

Okay, so you can just go ahead, Don. Thank you.

451

Dawn Fulsher 01:32:36.580 --> 01:32:40.420

If you could advance it to slide four, I can pick up where I left off.

452

Dawn Fulsher 01:32:42.460 --> 01:33:01.980

Next slide. There we go. This is a GIS, slide for the pency drive areas. Some of you may recognize it, I just wanna give you a little bit of background, how we selected the study area EPA.

453

Dawn Fulsher 01:33:03.820 --> 01:33:04.380

Early in the project.

454

Dawn Fulsher 01:33:06.140 --> 01:33:07.700

Try to make a conservative.

455

Dawn Fulsher 01:33:09.940 --> 01:33:21.260

Approach with the outlines. So we wouldn't miss anything. So that's what the red orange line is. The blue lines in here are the conveyances.

456

Dawn Fulsher 01:33:22.780 --> 01:33:42.940

And the little white dots are manholes and the pink little dots are ones that during the fields work, we determined there was debris and so the field team consisting of epa's contractor Tetra Tech.

457

Dawn Fulsher 01:33:43.180 --> 01:33:55.500

And the sub contractor all Green, and Prince George's county staff were present for during the field work from July twenty second to July thirty first.

458

Dawn Fulsher 01:33:57.220 --> 01:34:15.740

And we started up at the top of the pency Drive area, thirty two nineteen, and when all the way down to old Landover Road and also evaluated that area as well. I mean, they started on the right hand side.

459

Dawn Fulsher 01:34:17.180 --> 01:34:21.700

And, just to give you like what the process involved.

460

Dawn Fulsher 01:34:24.660 --> 01:34:33.420

The manhole covers were popped by the PG county staff and were very very grateful to them for all their assistance on this project.

461

Dawn Fulsher 01:34:36.900 --> 01:34:50.820

So the manhole covers were popped and then the conveyance directly underneath was inspected to see if there was any debris, and in many cases there was debris consisting of.

462

Dawn Fulsher 01:34:52.500 --> 01:34:53.420

Concrete blocks.

463

Dawn Fulsher 01:34:56.180 --> 01:35:01.420

Wood debris, trash. So the.

464

Dawn Fulsher 01:35:03.180 --> 01:35:05.460

The, the vet truck that was present.

465

Dawn Fulsher 01:35:09.700 --> 01:35:13.420

Handled all that debris. So that the.

466

Dawn Fulsher 01:35:16.900 --> 01:35:26.220

Which is kind of like a terrestrial drug drone in a way equipped with a camera could be inserted in the hole and down the conveyance.

467

Dawn Fulsher 01:35:30.020 --> 01:35:30.660

Next slide please.

468

Dawn Fulsher 01:35:34.580 --> 01:35:35.860

And next slide after that.

469

Dawn Fulsher 01:35:39.260 --> 01:35:52.180

So this is a picture of what the, the equipment looked like, the truck that they were using, and, if you could just click that video on the right hand side, it's real short. It'll show you them.

470

Dawn Fulsher 01:35:53.740 --> 01:35:56.220

Inserting the vacuum tube for the debris removal.

471

Dawn Fulsher 01:35:58.380 --> 01:36:01.900

So at the bottom left hand side, there we go.

472

Dawn Fulsher 01:36:06.540 --> 01:36:07.980

So there we go. So next slide.

473

Dawn Fulsher 01:36:15.460 --> 01:36:24.460

So the next step in the phase was once the debris was cleared, they inserted the role of the vehicle, and there was a truck that the.

474

Dawn Fulsher 01:36:26.340 --> 01:36:39.820

The driver of the vehicle would be in the truck and then they would monitor on a screen what the conveyance looked like inside the storm sewer. So if you could just click this video, this is my.

475

Dawn Fulsher 01:36:41.260 --> 01:36:45.620

Tetra Tech hydrogeologist Jackie Segwen narrating this.

476

Dawn Fulsher 01:36:52.620 --> 01:36:54.380

But I'm not hearing the the narrative.

477

Dawn Fulsher 01:36:56.540 --> 01:36:56.620

So.

478

gretchen mikeska 01:37:02.820 --> 01:37:05.100

We can't hear the.

479

Dawn Fulsher 01:37:05.380 --> 01:37:06.700

So I can just say that.

480

Dawn Fulsher 01:37:07.980 --> 01:37:12.380

That screen up there, if you could just click it again and I'll narrate it myself.

481

Dawn Fulsher 01:37:16.700 --> 01:37:34.620

Okay this is inside the vehicle. The driver's controlling this to see if they encounter like any debris deeper down in there that might block the conveyance. And that's the view of the conveyance, like the storm sewer inside of it.

482

Dawn Fulsher 01:37:36.380 --> 01:37:45.100

And they're collecting the video like from each of those conveyances like I showed you on that GIS map. The blue lines.

483

Dawn Fulsher 01:37:46.580 --> 01:37:48.020

So, next slide.

484

Dawn Fulsher 01:37:53.180 --> 01:37:57.620

So the next phase was to do a dietracer study to.

485

Dawn Fulsher 01:37:59.140 --> 01:38:00.100

To determine if there was.

486

Dawn Fulsher 01:38:02.700 --> 01:38:13.020

Passage through the whole conveyance and into lower beaver \*\*\*\* Creek. The die they used was a green die, and if they observed the dye and the outfalls.

487

Dawn Fulsher 01:38:14.500 --> 01:38:25.460

And, and Beaverdam Creek then the conveyance was thought to be clear. And the case of this study, most all of them were clear, so it was a successful program.

488

Dawn Fulsher 01:38:27.820 --> 01:38:28.580

Next slide please.

489

Dawn Fulsher 01:38:31.980 --> 01:38:33.660

So why we were concurrently.

490

Dawn Fulsher 01:38:35.300 --> 01:38:43.500

Working on the phase one, we were also looking to develop the phase two, and the phase two study is.

491

Dawn Fulsher 01:38:45.860 --> 01:38:48.460

Will be if everything goes as planned, will be.

492

Dawn Fulsher 01:38:50.500 --> 01:39:00.460

Pay using a passive sampler inside the conveyances to collect sediments and then sample them for pcvs.

493

Dawn Fulsher 01:39:04.180 --> 01:39:09.740

If we've been working on a design on DPA and Tetra tech.

494

Dawn Fulsher 01:39:12.100 --> 01:39:31.860

That will be low impact to the sewer. So we've been very, we've been listening to Prince George's county. We want to devote something that will preserve the integrity of the sewer pipes and not cause any damage. So we do have a prototype design that we're working on to have built.

495

Dawn Fulsher 01:39:32.100 --> 01:39:43.700

To test it to see if it can capture the sediments in the MS four. The collection devices are based, they utilize.

496

Dawn Fulsher 01:39:46.140 --> 01:39:47.340

The same principles as.

497

Dawn Fulsher 01:39:48.940 --> 01:39:50.500

Other devices that are used.

498

Dawn Fulsher 01:39:51.780 --> 01:39:53.060

In a stream to.

499

Dawn Fulsher 01:39:55.420 --> 01:39:55.660

Capture.

500

Dawn Fulsher 01:39:56.940 --> 01:39:57.980

Suspended sediments.

501

Dawn Fulsher 01:39:59.540 --> 01:39:59.580

And.

502

Dawn Fulsher 01:40:02.220 --> 01:40:06.460

So we're trying to, to, in our design incorporate that.

503

Dawn Fulsher 01:40:08.100 --> 01:40:17.820

Once the samplers are installed, they have to stay in the storm sewers for three months to collect sufficient sediment.

504

Dawn Fulsher 01:40:19.980 --> 01:40:39.700

To send back to the lab and all samples that we're gonna collect which will include the from the passive samplers near outfalls and the sediments in lower beaver damqueet creek. So we have up to dated data for that. Will be sent to the EPA forty lab for analysis and will in.

505

Dawn Fulsher 01:40:39.780 --> 01:40:43.860

Includeders and homa logs. Next slide, please.

506

Dawn Fulsher 01:40:50.020 --> 01:40:51.300

I mentioned, we're looking to.

507

Dawn Fulsher 01:40:53.340 --> 01:40:56.660

Have constructed the EPA and Tetra passive sampler design.

508

Dawn Fulsher 01:40:58.420 --> 01:40:59.300

And we will.

509

Dawn Fulsher 01:41:01.220 --> 01:41:07.860

Share that design with some, the other regulatory agencies and Prince Georges County.

510

Dawn Fulsher 01:41:09.860 --> 01:41:19.900

With MD DOEE and as I mentioned Prince Shortages County to determine if the design is acceptable, and then we will.

511

Dawn Fulsher 01:41:21.460 --> 01:41:25.020

Install them around the October, November timeframe.

512

Dawn Fulsher 01:41:26.580 --> 01:41:46.940

And they have to remain in there as I mentioned, so we're looking to pull that passive sampler and the February March timeframe and do the sampling in the ediments in our lower beer Dam Creek and near the outfalse. We are tentatively expecting the valid.

513

Dawn Fulsher 01:41:49.060 --> 01:42:05.740

Twenty five and EPA will be sure to share the final report and validated data with the stakeholders. So that ultimately folks can, look to the develop a source control plan.

514

Dawn Fulsher 01:42:08.860 --> 01:42:09.300

Next slide.

515

Dawn Fulsher 01:42:12.140 --> 01:42:27.340

I just want to thank Prince George's county staff for all their assistance during the field work. They were invaluable and not only did they, you know, help out with popping manhole covers, but they also assisted with like the historical.

516

Dawn Fulsher 01:42:28.940 --> 01:42:39.180

Maps of the conveyances. So that was incredibly helpful. They've been coordinating with us since this past spring and we're very grateful for that.

517

Dawn Fulsher 01:42:42.020 --> 01:42:43.100

Does anyone have any questions?

518

Brenda Lee Richardson 01:42:45.900 --> 01:42:49.260

One it looks like there are no questions in the chat.

519

Brenda Lee Richardson 01:42:51.620 --> 01:42:53.420

Thank you for that excellent presentation.

520

Dawn Fulsher 01:42:55.660 --> 01:43:05.700

And if anyone has any questions later, there's my email address and thank you very much, Brenda. Thank you all for your patience with my technical issues.

521

Brenda Lee Richardson 01:43:06.420 --> 01:43:08.900

No worries. No worries.

522

Brenda Lee Richardson 01:43:11.820 --> 01:43:30.900

The next item on our agenda is the beneficial use of dredged material guidance manual by Dev Moraleigh, and Dev is a hydrogeologist at environmental engineer as well as the remedial.

523

Brenda Lee Richardson 01:43:31.340 --> 01:43:51.580

Project manager for the anticostia reverse Settlement Project Since twenty thirteen, he has been responsible for day to day management of directing ARRSP and is currently overseeing the implementation of its interim record of decision and.

524

Brenda Lee Richardson 01:43:51.860 --> 01:43:57.540

And determining its long term effectiveness. Dev, can you hear us?

525

Dev Murali 01:43:58.220 --> 01:44:00.700

Can you hear me? Yes.

526

Brenda Lee Richardson 01:44:01.780 --> 01:44:05.820

The volume would be better if you could turn it up a little bit. Yeah.

527

gretchen mikeska 01:44:05.860 --> 01:44:09.620

So y'all, if you could talk loud, that would be great. Thanks Dave.

528

Dev Murali 01:44:09.700 --> 01:44:10.580

No, can you hear me?

529

gretchen mikeska 01:44:13.580 --> 01:44:14.660

It's a little quiet.

530

Brenda Lee Richardson 01:44:15.500 --> 01:44:15.660

Yeah.

531

gretchen mikeska 01:44:23.180 --> 01:44:23.860

Try again.

532

gretchen mikeska 01:44:27.100 --> 01:44:30.660

I could send Orlean back to work with you and we could move on to.

533

gretchen mikeska 01:44:32.100 --> 01:44:32.980

To Kara if we need to.

534

gretchen mikeska 01:44:36.060 --> 01:44:37.500

Maybe we need to do that Brenda.

535

Brenda Lee Richardson 01:44:37.860 --> 01:44:38.980

Okay, so.

536

gretchen mikeska 01:44:41.140 --> 01:44:43.940

Can you connect with Dev?

537

arlene carter 01:44:44.900 --> 01:44:45.580

Oh well.

538

gretchen mikeska 01:44:46.180 --> 01:44:51.180

And will work on that. All right. Now we'll turn to Cara. Okay.

539

Brenda Lee Richardson 01:44:51.380 --> 01:44:52.260

This Kara.

540

Brenda Lee Richardson 01:44:54.700 --> 01:45:08.300

Is going to talk to us about, give us an update on the natural resources damage assessment. Oh no, she's giving us an update on the Anticoster River corridor or restoration plan. I'm sorry.

541

Brenda Lee Richardson 01:45:10.700 --> 01:45:29.980

Hara is fabulous, you guys. She is the waterways administrator leading the office of District Waterways Management within DOEE. In this role, she spearheads stakeholder and community collaboration and planning for the diverse uses of.

542

Brenda Lee Richardson 01:45:31.620 --> 01:45:51.860

To district Waterways. Kara holds a master's degree in sustainable urban planning from George Washington University and a certificate in an in advanced public engagement for local government from pepper Dine School of public policy. Kara, are you there and can.

543

Brenda Lee Richardson 01:45:52.220 --> 01:45:52.860

We hear you.

544

Kara Pennino 01:45:54.180 --> 01:45:55.940

Let me here Brenda, can you hear me ok?

545

Brenda Lee Richardson 01:45:56.580 --> 01:45:57.260

Yes yes.

546

Kara Pennino 01:45:57.980 --> 01:45:59.260

Thank you for the introduction.

547

Brenda Lee Richardson 01:45:59.980 --> 01:46:00.580

Thank you.

548

Kara Pennino 01:46:01.460 --> 01:46:07.540

I Allen thank you for having me here today. So I have a few different updates. Next slide please.

549

Kara Pennino 01:46:09.820 --> 01:46:29.180

So first updates have to do with a couple of plans. First I want to thank everyone who provided feedback on the final draft of the Anticastia River corridor restoration plan. I'm happy to report that we received over three hundred public comments and we are currently in the process of updating the document accordingly.

550

Kara Pennino 01:46:30.500 --> 01:46:50.020

Expect to have the final plan to be ready later this fall and I'll drop the link of the website where you can find plan more information in the chat. As an assign I also want to thank all who provided feedback on conveyor, which was the platform that we were piloting and collecting public feedback. So.

551

Kara Pennino 01:46:50.580 --> 01:47:10.700

Appreciate all of that. Also on a related effort, we have the Anticastia seawall study and rapid assessment report. So this study assessed the structural integrity of the C wall, the ecological features surrounding the wall and the historical context of the wall. The key update.

552

Kara Pennino 01:47:10.980 --> 01:47:18.220

Here is that we are expanding the study to include Kingdomen Lake, which I expect to be done at the end of this year.

553

Kara Pennino 01:47:20.020 --> 01:47:36.140

As a reminder, this study will be used to help inform and guide future discussions on shoreline redevelopment and the resilience excuse me resilient planning discussions associated with the River and the seawall accordingly. Next slide.

554

Kara Pennino 01:47:40.980 --> 01:48:00.260

In regard to the new office of district waterways management. So the key thing I want to bring to your attention is that we are accepting applications for the district Waterways advisory Commission, and our ask is for your help spreading the word on this opportunity. We will be reviewing the first batch of application.

555

Kara Pennino 01:48:00.900 --> 01:48:21.140

At the end of this month. So a quick background and refresher on what I'm talking about. So this office was established earlier this year to plan, promote, and facilitate stakeholder cooperation for the diverse uses of an access to district waterways in the adjacent properties.

556

Kara Pennino 01:48:22.060 --> 01:48:41.460

Specifically, we are looking at navigable waterways, so that is the anticostia and petomic river, and the Washington channel. Now, this office came out of an identified need and space for comprehensive planning that relies on community stakeholder and expert.

557

Kara Pennino 01:48:42.660 --> 01:49:02.100

This is especially important during a time when the district waterfronts are only becoming more and more popular and activated. So we think about the war finavy yard, and all the additional eyes that are being drawn to these areas. So the commission in partnership with the office, will.

558

Kara Pennino 01:49:02.260 --> 01:49:19.900

Will be that space, and our responsible for developing a waterways advisory plan. So this plan will be used to advise as named the mayor and the city council on the future management of the district border ways. Next slide.

559

Kara Pennino 01:49:24.060 --> 01:49:44.260

Specifically, there are eight different topic areas that the commission will be responsible for providing recommendations on so they include the orderly and safe and efficient use of waterways for boating and recreation, public and private uses of pot of property and infrastructure adjacent to the waterways.

560

Kara Pennino 01:49:45.740 --> 01:49:47.540

Interagency and regional coordination.

561

Kara Pennino 01:49:49.060 --> 01:50:09.140

Environmental conservation and management, strategies for coordinating economic growth, assessment of safety and security and needs, identification of transportation gaps, so that is on and adjacent to the waterways, and then opportunities to increase local control.

562

Kara Pennino 01:50:10.340 --> 01:50:15.700

And these different eight topics for the ones that were identified in the legislation that established the office.

563

Kara Pennino 01:50:17.500 --> 01:50:17.780

Next slide.

564

Kara Pennino 01:50:20.740 --> 01:50:38.060

So the commission will be made up of fourteen voting members and fifteen X official members. These ex official members are representatives from CC and federal agencies of ten DC local government agencies and five federal agencies.

565

Kara Pennino 01:50:40.180 --> 01:50:58.980

And then the fourteen members half are appointed by the mayor, and half excuse me, are appointed by the city council, and I am losing my voice so you don't have to hear me call through the rest of this. I am going to pass it over to my colleague Brent Peterson, who's gonna just explain a little bit more about the seats, the voting seats and.

566

Kara Pennino 01:51:00.100 --> 01:51:03.220

Our ask for you to help spread the word. Brent, are you there?

567

Kara Pennino 01:51:13.500 --> 01:51:32.980

Okay, I'll see well you'll have to hear me call up Brent is not there I'll try to get through this quickly. Apologies in advance. So we have again the fourteen voting members half that are appointed by the mayor and half that are appointed by a council, so the seats that are appointed by the mayor are individuals that have expertise in.

568

Kara Pennino 01:51:33.380 --> 01:51:47.140

In public safety, environmental stewards, economic development tourism, maritime management and policy, athletics and recreation, and maritime transportation. So those topics again fall in line with.

569

Kara Pennino 01:51:48.580 --> 01:51:53.460

Those eight topics that will be providing strategies for. Next slide.

570

Kara Pennino 01:51:55.780 --> 01:52:15.180

And then we have the seven voting members that are appointed by the chairman of the council. So these include two ANC representatives, one from each side, the river, the Annaksha River, two bid representatives, one from east, the Annasha river, one from West the Anticostra River, two.

571

Kara Pennino 01:52:15.500 --> 01:52:23.500

To club representatives, and then an individual with expertise or interest in water waste management. Next slide.

572

Kara Pennino 01:52:27.060 --> 01:52:44.780

So how to get involved, again, I'll drop these links in the chat. We have our webpage that explains more about the commission as well as links on where to apply. I do want to point out that there are two separate application portals, one for the mayor's office and one for council.

573

Kara Pennino 01:52:45.820 --> 01:53:06.020

If you have any questions at all about which one to apply for, please don't hesitate to reach out to me, next slide has my contact information. Just give you a heads up some of the things that you'll need for the application will be a cover letter, resume, and then a, a bio statement on why you're interested in being on this commission as a voting me.

574

Kara Pennino 01:53:06.020 --> 01:53:07.140

Member.

575

Kara Pennino 01:53:09.340 --> 01:53:29.580

We are accepting applications through the end of September, at that point, we, and when I say we, I mean, the mayor's office of talent appointment, the office water rates management, as well as council, will be reviewing the first batch of applications. The application portal will remain open and it will be.

576

Kara Pennino 01:53:30.220 --> 01:53:49.540

A rolling application system. But I do want to just highlight that that first batch that we'll be sitting down and doing the application review will be happening at the beginning of October, so again our ask is if you know of anyone or if you yourself might be interested in being on this commission, please reach out.

577

Kara Pennino 01:53:50.820 --> 01:54:04.940

Apply, and afterwards I can send additional information for you to share with any of your networks, and then last but not least, the last slide again is just my contact information. And if Brenda, if there is any time I'm happy to answer any questions.

578

Brenda Lee Richardson 01:54:06.180 --> 01:54:14.780

Yeah, Carol, you have a couple of questions. Julie wants to know if there's a seat on the advisory commission for C Water.

579

Kara Pennino 01:54:15.780 --> 01:54:20.220

Yes there is. So DC Water is one of the exoficial members.

580

Brenda Lee Richardson 01:54:22.820 --> 01:54:34.180

Right, and William wants to know, does the office of district Water Ways Management have jurisdiction over the waters around Rosavel Island and Columbia Island?

581

Kara Pennino 01:54:35.660 --> 01:54:53.420

Yes, so that is within the boundaries of our purview, jurisdiction, you know, we don't have any authority per se over those areas, but we will, that is within our scope of where we'll be providing the recommendations for the advisory plan on. So.

582

Brenda Lee Richardson 01:54:55.700 --> 01:54:56.980

Any other questions or comments?

583

Brenda Lee Richardson 01:55:01.660 --> 01:55:06.540

Okay Kara, that was fabulous. Thank you. And I hope you get your voice back.

584

Kara Pennino 01:55:06.980 --> 01:55:10.140

Thank you. I'm very sorry you had to hear that. Yeah.

585

Brenda Lee Richardson 01:55:10.300 --> 01:55:11.580

Worries. Hopefully.

586

Brenda Lee Richardson 01:55:12.740 --> 01:55:15.740

Thank you. Gretchen shall we try dev again?

587

gretchen mikeska 01:55:18.500 --> 01:55:27.900

Yeah, let's try dev and hopefully, our IT expert has some, worked through his problems. We'll give it a try. Alright.

588

Dev Murali 01:55:29.380 --> 01:55:30.060

Can you hear me?

589

Brenda Lee Richardson 01:55:31.340 --> 01:55:32.780

Oh, it's faint again.

590

gretchen mikeska 01:55:33.860 --> 01:55:34.860

He's saying, you.

591

gretchen mikeska 01:55:36.420 --> 01:55:38.380

I don't think we can do it this way, but.

592

gretchen mikeska 01:55:40.500 --> 01:55:52.620

You know, I can do my presentation. We might have to delay your presentation to next time unless you can swing around with our lean one more time to give it a, a try.

593

Dev Murali 01:55:53.780 --> 01:55:54.220

Lynn, ok.

594

arlene carter 01:55:54.980 --> 01:56:06.500

At dev before you drop off, could you move your laptop up so that your microphone is probably not covered? It's sounds like you're not in close to the laptop itself.

595

arlene carter 01:56:12.380 --> 01:56:17.260

And everyone, there may not be much I can do to solve Dev's problem just FYI.

596

Brenda Lee Richardson 01:56:20.620 --> 01:56:21.220

Thank you.

597

arlene carter 01:56:22.540 --> 01:56:23.820

Deb, you wanna try one more time?

598

arlene carter 01:56:27.260 --> 01:56:28.980

Just go ahead and unmute and.

599

arlene carter 01:56:41.700 --> 01:56:45.420

Alright hope it's so tight everyone. I'm controlling his computer. Hey Deb, can you hear me now?

600

arlene carter 01:56:48.420 --> 01:57:00.620

Okay, great. All right I'm gonna unmute and let's see if you can tell. Ready? Oh, you just turned everything back down. Okay, let's go ahead and go, go past. I'll work with him offline for the next meeting. Sorry, everyone.

601

Brenda Lee Richardson 01:57:01.540 --> 01:57:04.580

They know worries. Thank you Arlene. Thank you Dev.

602

Brenda Lee Richardson 01:57:07.380 --> 01:57:16.940

We are delighted that Gretchen will be talking to us about giving us an update on the natural resources damage assessment, and restoration.

603

Brenda Lee Richardson 01:57:18.860 --> 01:57:21.260

Let me tell you about Bretchen.

604

Brenda Lee Richardson 01:57:23.580 --> 01:57:29.100

Gretchen is the anecasteo coordinator for DOEE and she's doing a magnificent job.

605

Brenda Lee Richardson 01:57:30.660 --> 01:57:50.300

She keeps director Jackson up to date on the many aspects of the Anticostia River sediment project, the national Resources damages assessment and restoration, and she also coordinates with the Anna Costia River Corridor stakeholders. She also serves as the district's trustee representative.

606

Brenda Lee Richardson 01:57:50.980 --> 01:58:07.980

For the Anticostian River natural Resources Damage assessment and restoration. And I just want to say Gretchen is a great community engagement person and we're delighted to have you make this final presentation. Gretchen.

607

gretchen mikeska 01:58:09.380 --> 01:58:14.660

Okay, thank you. So this is relatively quick. It's, you know, more or less an update.

608

2025\*\*\*\*86 01:58:15.220 --> 01:58:17.300

You would we have, you know, talk about.

609

gretchen mikeska 01:58:21.140 --> 01:58:23.700

And if you could go to the next slide.

610

gretchen mikeska 01:58:28.340 --> 01:58:48.300

So again are familiar picture here. So the kind of exciting part about this, we have finally we're finally in phase two, which is assess and plan. So we've done a lot of the pre assessment work that I'll just review with you in the next slide, but now we're this assessment phase where we really figure out the injuries.

611

gretchen mikeska 01:58:48.740 --> 01:58:49.620

To the resources.

612

gretchen mikeska 01:58:50.980 --> 01:59:10.540

And then the damages, which is basically the money aspect, like how can we restore these injured resources and how much is that gonna cost? So the phase two assessment plan, and then you see that goes to sediment or settlement or a litigation, you know, can actually take some time, but because we are.

613

gretchen mikeska 01:59:13.420 --> 01:59:14.060

Anicostia.

614

gretchen mikeska 01:59:15.820 --> 01:59:19.140

Group, we try to do everything on a expedited.

615

gretchen mikeska 01:59:20.700 --> 01:59:25.580

Manner and because if we can work through this quickly, we will basically.

616

gretchen mikeska 01:59:26.820 --> 01:59:38.140

Save time and save money. And also get our river cleaned up and restored the way that we would like it in the most efficient way possible. Next slide please.

617

gretchen mikeska 01:59:40.700 --> 01:59:58.780

So we have these monthly meetings, there's, we have our general trustee group, our technical working group, a legal group working group, and as you may recall, we have engaged industrial economics to assist us in this process and they are pretty much the.

618

gretchen mikeska 02:00:00.260 --> 02:00:20.300

Country's leading experts on Nurda and have really worked all over the country with communities tribes, and all. The different types of trustees that are involved in restoring these natural resources that are the great asset of our country. So to date, now we have.

619

gretchen mikeska 02:00:20.580 --> 02:00:40.820

Completed two Nerdard documents. The pre assessment screen was completed in July, twenty twenty one and that was basically the document that says, ok, we can go forward with this considering five criteria, which, which were, there has been a document released trustees are stating that resources have been.

620

gretchen mikeska 02:00:41.060 --> 02:01:01.140

Affected. Number three is that the chemicals have to be of sufficient concentration to cause an injury based on the data we had, and then the data available has to be available at a sufficient cost, if more data had to be collected, and then five, the remedial actions planned under.

621

gretchen mikeska 02:01:01.540 --> 02:01:21.980

The circle up program, which is the anticoster river Sediment Project will are not sufficient to restore the resources. So this NERDA process is, you know, basically, after the super fund process that Devis is responsible for. So that was complete in July twenty twenty one and the primary.

622

gretchen mikeska 02:01:22.420 --> 02:01:24.460

Of that was US Fish and wildlife.

623

gretchen mikeska 02:01:26.820 --> 02:01:35.500

The damage assessment plan is the one being working on for about last year and we just have the final copy now being signed by all the trustee representatives.

624

gretchen mikeska 02:01:38.060 --> 02:01:48.940

That is where we established the possible processes that we would use to assess injuries and damages from these released hazard substance. That was out for public comment.

625

gretchen mikeska 02:01:50.860 --> 02:02:08.900

NPS was a primary author on that, and we got about a hundred and thirty comments. So that is available on our website, restore the end of last year dot com under the Nerdar link and also on Noaa's and nps's website and.

626

gretchen mikeska 02:02:10.940 --> 02:02:15.180

If NPS I think is on, maybe they can put the link in the chat for.

627

gretchen mikeska 02:02:16.740 --> 02:02:18.380

People if they want to access the.

628

gretchen mikeska 02:02:20.020 --> 02:02:22.500

Might still be the draft final because I know that we're.

629

gretchen mikeska 02:02:24.140 --> 02:02:34.660

Planning on get the, getting the signatures pages done now and I report that ours is done and has been submitted. So next slide please.

630

gretchen mikeska 02:02:37.780 --> 02:02:49.100

This is if you were gonna just look at one item in this damage assessment plan, it would be this exhibit four point one. And then this is basically.

631

gretchen mikeska 02:02:53.540 --> 02:02:54.260

Assessments that.

632

gretchen mikeska 02:02:56.660 --> 02:03:16.420

Were kind of the laundry list of assessments that could be done to basically better characterize the resources lost in the anacostic corridor. And so now we are working with IEC to say, alright, if we're gonna just do a few of these, what is kind of the best bang for our buck, and we have some that are kind of bubbling to the top at this point in.

633

gretchen mikeska 02:03:17.220 --> 02:03:28.260

But we're really just embarking on this. So I wanted you to be aware of this chart, which is in chapter four, and.

634

gretchen mikeska 02:03:30.220 --> 02:03:48.220

There's I I took some excerpts from this when I made this slide, but there's a bit more explanation in the depth and as I said, we haven't started this yet, but the general process is once we decide on what we're gonna start, we will work with our technical working group, which will then.

635

gretchen mikeska 02:03:51.460 --> 02:04:04.460

Work on looking at the existing data, deciding if additional data needs to be collected, doing, the analyses, which are basically, you know, some kind of sometimes mathematically relating.

636

gretchen mikeska 02:04:07.820 --> 02:04:13.820

The chemicals of concern and what expected injuries and then.

637

gretchen mikeska 02:04:15.540 --> 02:04:35.860

We present from that group out to our general trustee council for kind of decisions on going forward. So that's more or less how it works. And remember that this is a case, so it really is different than, the super fun process because you figure out these damages which are the moneies that are gonna be need to re.

638

gretchen mikeska 02:04:36.220 --> 02:04:43.660

These resources and then you go to your potentially responsible parties to collect the damages in.

639

gretchen mikeska 02:04:46.180 --> 02:04:48.380

A, a litigation and settlement process.

640

gretchen mikeska 02:04:50.260 --> 02:04:53.900

So it is, you know, time consuming, but certainly worthwhile because.

641

gretchen mikeska 02:04:55.660 --> 02:05:07.540

As we, you know, are our remedial actions that we're planning for the anticoster river are really geared towards, you know, specific hotspots and this is basically looking at the overall resources that have been affected.

642

gretchen mikeska 02:05:09.220 --> 02:05:10.860

For many many years. Next slide, please.

643

gretchen mikeska 02:05:13.220 --> 02:05:32.340

And these are our trustee representatives and you've seen this before, and, you know, we have Noah, and then we have two representatives from DOI, one from NPS, one from US fish and wildlife, and then myself for the district. And, that's it for our Nerdar update and.

644

gretchen mikeska 02:05:34.300 --> 02:05:35.660

I will take any questions or.

645

gretchen mikeska 02:05:37.580 --> 02:05:40.580

We can go back to Brenda and she can close us out.

646

Brenda Lee Richardson 02:05:43.780 --> 02:05:54.300

Thank you so much Gretchen, I understand the date dev is on the phone. Does he have enough time or do you want to wait till next time?

647

gretchen mikeska 02:05:56.580 --> 02:05:58.540

Like just let me answer this one question. He could.

648

gretchen mikeska 02:06:00.100 --> 02:06:08.700

What, you know, why don't you Deb, if you can get on the phone, maybe you can, you know, go over your overview and you might have to circle back around next time. We really only have nine minutes.

649

gretchen mikeska 02:06:10.500 --> 02:06:18.380

Basically yes, the consultant IEC is shared by both agencies. So basically, you know, both of us have our funding and.

650

gretchen mikeska 02:06:19.620 --> 02:06:32.900

And when we go to into this assessment phase, depending on who is leading the assessment and accessing IEC, that will basically come out of the funds.

651

gretchen mikeska 02:06:34.340 --> 02:06:47.100

For their agency and, you know, under their contract, which is separate to IEC. So, it actually works out, ok, because we've been doing this for a while now.

652

gretchen mikeska 02:06:49.180 --> 02:07:09.540

Okay, alright, let's see what Deb can tell us a minute and maybe, you know, one of the things you might want to do Dev is, you know, think back about what Eric has told us, and, you know, maybe how some of the overall beneficial use in the region then you know we're gonna start thinking about for the anticossia River and maybe that's as f.

653

gretchen mikeska 02:07:09.740 --> 02:07:11.620

We can get to today. Thanks you.

654

gretchen mikeska 02:07:27.500 --> 02:07:30.660

Alright, I don't think Deb is gonna join us.

655

Brenda Lee Richardson 02:07:31.340 --> 02:07:31.420

Okay.

656

gretchen mikeska 02:07:33.220 --> 02:07:39.540

Right well we have a little bit of time Brenda, any other questions and why don't you close us out Brenda?

657

Brenda Lee Richardson 02:07:40.980 --> 02:08:00.420

If there are no other questions or comments, I wanna take this opportunity to thank all of our speakers for being a part of this leadership council for a cleaner anticostia River Special thanks to Gretchen for all of our hard work and organizing this. And you guys have a.

658

Brenda Lee Richardson 02:08:00.780 --> 02:08:05.860

A fabulous day. Thank you so much. Bye. Bye.