

VIRGINIA:

At a regular meeting of the King George County Service Authority Board of Directors, held on Tuesday, the 6th day of September, 2022 at 5:30 p.m. in the Revercomb Building Board Room at 10459 Courthouse Drive, King George, Virginia:

PRESENT:

James Morris, Chairman
Allen R. Parker, Jr., Vice-Chairman
Cathy Binder, Member
Carrie Cleveland, Member
Annie Cupka, Member
Chris Miller, County Administrator/Interim General Manager
Kelly Lackey, County Attorney

0:00:04.3 Chairman: I call this regular meeting of the King George County Service Authority Board of Directors to order. We will begin with the invocation and the pledge of allegiance. If you're able to stand, please do so. Lord, we ask for your guidance this evening as we discuss the business of the Service Authority. Help us to make decisions that benefit our fellowmen and our environment. Amen.

0:00:36.6 ALL: I pledge allegiance to the Flag of the United States of America, and to the Republic for which it stands, one Nation under God, indivisible, with liberty and justice for all.

0:00:55.0 Chairman: Thank you. Mr. Miller, do we have any amendments this evening?

0:00:58.6 Chris Miller: No, sir.

0:01:00.4 Chairman: Thank you. Moving on to public comments, anybody in the audience wish to speak this evening? Mr. Dines, do we have anybody online?

0:01:15.4 Chris Dines: No, Mr. Chairman.

0:01:16.4 Chairman: Thank you. Report from board members. Ms. Binder?

0:01:21.5 Cathy Binder: Thank you. The only thing I would like to talk about, we had our last... Not last official meeting, but our last working meeting of our HB206 meeting work group, and we discussed a lot about the aquifer and the effects of solar farms on possibly... Of the excessive water

use for solar farm data centers and battery storage on aquifers and localities concerns, especially east of 95. And once... The final report I have for review, we're gonna debate it, I guess, and discuss it on September 28th, and then we'll finalize it and it'll go on to the legislator to be voted on at the next legislative session. So I'll keep you updated. Thank you.

0:02:03.8 Chairman: Thank you, Ms. Binder. Mr. Parker?

0:02:06.6 Allen Parker: Only thing I wanna say is kudos to the contractor switching out the water meters. A lot of them have done in Hopyard, and I haven't heard any complaints by anybody. They did mine, and I literally didn't know they came until I went to mow the lawn. So kudos to them.

0:02:27.6 Chairman: Thank you. Ms. Cupka?

0:02:29.4 Annie Cupka: No report.

0:02:30.9 Chairman: Thank you. Ms. Cleveland?

0:02:31.1 Carrie Cleveland: No report.

0:02:32.0 Chairman: Thank you. And for myself, on the 30th of August, along with Mr. Miller and other staff, we had a video conference with DEQ regarding the ARPA funds for wastewater. They laid out a bunch of timelines. It's time for us to submit the application, which will actually specify what we wanna use the funds for. This will be in a reimbursement type program, so we'll have to pay upfront and they'll reimburse us. There'll be a quarterly reporting required, and anything prior to March 3rd, 2021, any cost incurred prior to that date are not eligible for reimbursement. And I believe Mr. Miller may have more to add to that in his manager's report, but that was the gist of that conference. Okay... Okay, moving on, consent agenda.

0:03:57.0 A. Parker: Motion to accept the consent agenda as written.

0:04:01.8 C. Binder: Second.

0:04:02.3 Speaker 1: Motion's made and second. All in favor?

0:04:04.2 C. Binder: Aye.

0:04:05.2 C. Cleveland: Aye.

0:04:05.3 A. Cupka: Aye.

0:04:05.9 A. Parker: Aye.

0:04:06.4 Chairman: And the Chair votes aye, motion carries. Moving on. County Attorney, Ms. Lackey.

0:04:18.4 Kelly Lackey: Good evening. I have Jessica Washington here. I was able to introduce her to most of you all before the meeting. She is the assistant county attorney. This is week three. So good on her for already showing her face at a meeting, but she's already getting very involved,

and I think she's excited to be here. I've been giving her a variety of things, so she's getting a sampling of county and Service Authority business. As just a quick update on an upcoming item, there is a small modification that needs to be made to the Hopyard Farm subdivision Plat. There's Service Authority authority easements that extend into public right of way. VDOT wants that cleaned up before they accept the road. So you'll probably be seeing a deed on an upcoming agenda. So I just wanted to mention that.

0:05:15.7 Chairman: Thank you. Any questions for her, Ms. Lackey? Thank you. Okay, presentations and report. Are you doing that, Mr. Miller?

0:05:31.4 C. Miller: So we have for you, the proposed 22/23 CIP for water, wastewater, in the maintenance divisions. I think we've talked about this, that I wanted to get this in front of you all, let you all have a chance to look at it, and then obviously bring back some of this for your final approval. I know tonight that Ms. Hahn would like to have some of the water projects appropriated, approved and appropriated, because it's all about that water grant that we have. Do we have something there? Do we have a slide, Mr. Dines? ... Oh, gosh. Well, that's my fault. Okay, let me get that. I apologize. Alright. Hang on. Okay, I'm gonna forward this to Mr. Dines, and we'll get that up there for you... Just sent it to you. Hopefully, your Internet works fast. If I could, maybe we could take this out of order and we could move to the next item while Mr. Dines loads this and then we can allow Ms. Norris-Barker to present the AMI project to give you an update on this.

0:07:36.1 Patti Norris-Barker: There I am. Good evening, Chairman of board and board members, I'd like to thank you for allowing me to come and present an overview of the current metering project. First off, I'd like to thank you all for your support for this metering project, it will be something very big for the Service Authority when the project is complete. What I had planned to do... I would like to show you the different programs that we have available to use... Get logged in here...

First off, the Fortiline is using a program called H2A analytics, this is where they are devising the work orders for each section. The first section that I chose because of the ease of the section was Hopyard, it's a newer subdivision, and it would definitely show that it would be easier to work with this, so I would log in as you had taught seen me and I would select the route and I would select the query, so I'm going to say field complete job to date, and these are all the addresses that currently have the AMI meters that, once they are transferred into the Reading Program, we will be able to see their usage by the hour. We can change that later. But right now, they are in the program by hour. I would like to just take one of them and show you the vast amount of information that's being included in here, this is a summary, and it was assigned to Blake, and it's at Longbow, 5340 Longbow. This location number, that's very important, because each address could have different customer numbers, but every only one parcel number or location number is assigned to any lot, so we need this information in here.

So the additional information, it tells you that Blake has completed it, and right here is the GPS coordinates of this actual meter, and then you can see it on a map, and that would be the meter right at the road. The next tab would be the meter that was replaced, it was one of the camps trucks, that was a AMR meter, and this is the old meter ID. Here's what the reading was on that meter, and now we have the new 2250 low IQ meter, which is the AMI ready meter and the serial number. Under extras, I did wanna mention that I had asked them to add this field, we in the future will be required under lead and copper ruling from Virginia Department of Health to know what type of piping is going into the customer's address. So I've asked them as they're at each meter to check this out so that we can have record of it, I will be able to extract this information along with the address when

we are required to have this for VDH and it'll be ready and that will incur savings because at this time, staff would not be able to complete this, and we do have Fortiline at the ready and they seamlessly entered it for me, and it is going to save us money in the future and keep us in compliance with VD2H and last on the meter installs, they actually took pictures of the old meter, this is the old meter, which you see the 2200, that is an AMR meter that does not read through, it's a drive-by meter, and here is the... Is that the new one? Oh, that's the new install meter and the meter in the ground, we had actually requested that they take a picture, and this one individual he has been talked to, we would prefer that they have a picture of the area around so that we can verify to the customer that none of their property was damaged during this, that we didn't disturb anything, so these meters are...

We have right now on Route 85, 350 of these meters have been installed, there would be a total of 430 that need to be installed for Hopyard at the end of this... This initial, I have them in locations where it is easier to install the meters in subdivisions that are fairly newer. So, before our next meter-reading cycle, which will start at the end of this month, they will have installed 842 meters, and they will have shaved three days off of our meter-reading process. Meter-reading currently takes 17 days, two men, 17 days. And just by the end of this month, we will have three days shaved off of the process, which will be tremendous. As we go along, we anticipate them doing two-thirds of the meters before the end of December, by the end of December. And that's going to be approximately 3000 meters, so there would be 1500 more that they would do in the next fiscal year as our timeline for this project has been spread over three years.

So they originally started installing the collectors on the towers that existed on August the 2nd, and they've installed all eight by August the 12th. They started installing these meters in Hopyard on the 22nd of August. And like I said, they have 350 meters in the ground. And they're progressing very quickly because of the ease of the subdivision, but we anticipate that this project will be two-thirds complete by the end of December. And we will be able to shave time off of meter-reading, there'll be less inaccuracies. Currently, we have between, I would say, four to five different types, maybe even six types of meters in the ground right now, and they're all read differently.

Most of them are read Touch One, but then Touch One, that starts to break down, the meter doesn't record correctly. And the Touch One does not work. The AMCO meters, which would have been the forerunners of these, would read radio, but overtime of being in the ground, we have found that they stop reading, sending the read. The read is recorded on the meter, but you can't do the drive-by. So that is going to save a lot of time. Now, I would like to show you what information Reedy is going to receive on the other end as all the meters come into the Reedy system. This is the system that Camstar devised to read the meters and record all the information concerning the meters.

... Yep, you're right. There we go. That should do it. And I did want to mention that Fortiline as our choice of meter install. They have been just really a good company to work with. We haven't had any issues with them. They've been very respectful, very respectful of our customers and respectful of staff, and we are working well together. And I do not see any reason to have any issues in the future with them. So we'll go to route 85 and I can show you here changing meter times. These 2100 meters have not been... These are the AMR meters that will be exchanged out by the time that we start reading on the 28th of this month. There are approximately 200 more of these that they will... They will probably have these done by the end of this week, and we can have a good test run of how the swap file works. So you'll see at the bottom that I have highlighted 201 meters here. That is what's remaining in Hopyard to be swapped out.

So I'm gonna go to one of these meters that they have swapped out and it is reading. That has been one issue. A couple of these meters have not been sending the read and Fortiline is very progressive about getting out there and seeing what's going on with the read. But this meter which I have chosen, lo and behold, it has a burst. So this is going to report to me every day once the program is

all up and running. And I would say... Let's go back to that meter to see whose meter it is because I would say that is a contractor that is irrigating water. Yes, it is. Ryan Holmes. [chuckle] And that we will run into that so that... But here's another meter. This one is not using a lot of water. They... It appears there maybe one resident is in this home. That's what I would assume. But you'll see that you have daily reads from the moment the meter was installed. We have hourly reads every day of what is on this meter and what it... The water that's gone through this meter. And I think that's all I have to show you. Is there any questions or concerns?

0:21:27.5 C. Miller: I did wanna say this, and I think that Patty's done a great job working with this group and that they are really top of the line. It was a good choice. And I know John Eisenbise and his crews are working with them as well. They are gonna come on the next meeting, the 20th. They wanna come and talk to you all and tell you more about their technology and how they do all this and the timeline. It's a multi-year project, and this kind of information is just absolutely wonderful because it can help us understand where maybe we have issues of one, bill accuracy, but also just the other thing about water usage and possible waste. And so, this kind of information is really gonna be very useful. And so... But like I said, like Patty said, if you have any questions, she's able to answer that.

0:22:25.9 A. Cupka: Mr. Chair, thank you. So ma'am, will customers be able to get on a dashboard like this and view their usage?

0:22:36.1 P. Norris-Barker: After reviewing the contract, the Drop Counter was not included, but we anticipate some savings at this project. The Drop Counter... The cost was \$20,000 for the initial and then there would have been a yearly fee for it. And I anticipate making a change order at the end of the project.

0:23:05.7 A. Cupka: So this, to me, would be extremely handy. And for my colleagues, I'm on their website right now, and customers, if we provide access, they can have access to their own dashboard. It's called a water loss dashboard and it gives a day-by-day bar chart breakdown of a graph of how much water is going through their pipes, basically, being used. Northern Neck Electric Co-op recently went to an app that allows its customers, because I am one, and it's amazing. I can log into the app the next day and see that I had high usage yesterday because I ran a ton of laundry. It's just amazing how you can have access to the data and you can track your usage so that if there are folks who perhaps are... Need to watch their expenditures and wanna look for patterns in their usage and things like that, I think this would be extremely helpful. So I hope that if we get to that point and it comes forward, my colleagues would take a look at that and... Take a hard look at that and consider it. Thank you very much for your presentation.

0:24:21.8 Chairman: You said, "Hourly read" and then you said, "Daily reads."

0:24:27.9 P. Norris-Barker: Well...

0:24:28.1 Chairman: Is it doing both or...

0:24:29.7 P. Norris-Barker: It's actually, right now, set up for hourly. Hourly is being sent to me. From the collector. The meter can do every... I think it will store reads for every five minutes. So if somebody had some issue... And also the meter will adjust to their normal usage so that it won't send me a burst when he's taking a shower first thing in the morning. Let's see if I can show you

again. Yeah.

0:25:09.4 Chairman: Well, I know last month you all caught a big usage at my house and came out.

0:25:17.0 P. Norris-Barker: Yes. And that...That we caught on the meter read cycle. So that was something entirely different. We saw it at the meter reading.

0:25:25.8 Chairman: Yeah, there were seven extra people in that house.

0:25:28.8 P. Norris-Barker: We saw it.

0:25:29.3 Chairman: But it would send you an alert... This new system would send you an alert like that day or the next day.

0:25:35.6 P. Norris-Barker: Well, it would send it to me, currently. I believe Drop Counter does have that for the customer also, that they will get an alert, say, if a child left a faucet on and it was running all night. They would get some sort of alert through Drop Counter. But right now, these are hourly reads. When we get into it full swing, it will send them however I set it up, the criteria.

0:26:10.1 C. Cleveland: Mr. Chairman, I have a question.

0:26:12.0 Chairman: Thank you.

0:26:13.8 C. Cleveland: You said that... I have actually two. So just about what you had just said about sending them an update. Is that the customer that you're sending an update to, or...

0:26:25.0 P. Norris-Barker: I believe that the Drop Counter, if they download the app that shows them their usage through this program, that they should be able to get an update or an alert.

0:26:37.0 Chairman: But that is the one that we didn't have on the contract.

0:26:39.8 P. Norris-Barker: We did not include that in the contract. Like I said, the cost is \$20,000. And currently, we... I know we have saved \$30,000, the staff has, by installing AMI meters as the meters go bad, and they indicate it to me. I've installed 180 meters this year that showed up they were bad. They were not reading, had stopped reading, so I had staff change them out before the meeting program even began. So that 180 meters Fortiline will not install. And the install was 250, I believe, per meter, so...

0:27:27.4 C. Cleveland: Okay, yeah. My original question was like Ms. Cupka. But the question that I had was, since this is coming to you, the analytics, if a client was inquiring about their bill, would you be able to download this for them?

0:27:46.5 P. Norris-Barker: I'm able to. Right now, what I have, I could do a screenshot and send it to them, and they would be able to see it now. Yes, this is what I have now, and I could change the points on it once I get with Kamstrup and they instruct me how to do that. I could change the endpoint so that it will show me however the customer wants it. Right now, what we do is, log the meter, and a log, we actually physically have to go to the meter and apply a device, and it will log

the meter, and it will show whatever the meter has used from the day that it was installed to the day it was logged. And that, I can show the customers, and I can have it in different ways for them. I can have it by the gallons, I can have it by a meter read. It's various, and that's through READY I can do that.

0:28:51.1 C. Cleveland: But this is... This technology's gonna allow you to break it down per hour. Yeah, and I will say that as a client of the Service Authority, that would be very helpful for me. I have three kids, and sometimes our bills are very high, and it would be really nice to target the time that they were high. So I would definitely be interested in talking more about that option. But thank you, this is really good.

0:29:16.1 C. Miller: We will... We'll circle back in regarding any kind of a change order that we might need to pursue. And I think then the next thing is, is obviously as we get further into this, we'll get some public information out there and let people understand the very questions you guys are asking, there's a way to get to those answers. And it can be utilized with this data, and the staff here can provide that. So we just wanted to give you an update on this. It's a very important project for the Service Authority, and I think it's going off... It's going off well right now, and I...

0:29:57.4 P. Norris-Barker: I don't anticipate any problems.

0:30:02.7 C. Binder: I have a quick question for... So if you get a report, it goes directly to you, so if there's some kind of issue you can alert right away?

0:30:12.2 P. Norris-Barker: Yes.

0:30:12.6 C. Binder: So what is an issue like, just a high volume of water, or...

0:30:15.7 P. Norris-Barker: Well, the meter will... Can determine whether there is a burst, which... Or a break because of the volume of water that's going through the meter, and I will get an alert. Even if the customer doesn't have the app, I will get alerts every day concerning their usage if it's out of the normal.

0:30:41.2 C. Binder: That's what I was gonna ask. So you could contact them to see if maybe they had family over, or...

0:30:46.0 P. Norris-Barker: Were they filling a pool, or watering their lawn?

0:30:51.0 C. Binder: Okay, that's all I needed to know. Thank you, appreciate it. I think a customer should like that.

0:30:54.2 P. Norris-Barker: Yes. Thank you. Is that it?

0:31:00.6 Chairman: Thank you.

0:31:02.4 P. Norris-Barker: Thank you very much for allowing me to do this.

0:31:02.7 Chairman: Very informative.

0:31:10.4 C. Miller: Okay, going back. And again, my apologies for dropping the ball on this one. But Ms. Hahn had put this together, and it was waiting for me to get it sent to Mr. Dines. So this is the proposed Capital Improvements Plan for the Service Authority '22, or '23 to '27. I think if we could make it a little larger. So the yellow shaded is all the water-related grant, the VDH grant that we got, \$5 million that we have already developed projects for and are working on those. And I think what Ms. Hahn was hoping that you could do is appropriate those funds. These will all be reimbursable. We incur the cost, then we go through a process on each of the projects of submitting the request for return the payment, and they process that. I think as Mr. Morris indicated with the wastewater grant, I believe it's on a monthly basis. Ms. Hahn and her staff have been a part of the meetings where we've had with the VDH. They have a third party engineer that's administering the grant process for us, and then our engineer is very much involved, Mike Haggerty from TRC. They used to be Draper Aden. So I will give you a little notice on that. When you hear the word Draper Aden, they're now TRC. So big company, but these are the projects that are gonna be funded over the course of several years with the water grant. They just left. What happened to the yellow? But other projects that are also on there, we have the Perkins decommissioning, Perkins Corner Wastewater Treatment Plant decommissioning. That is under way. That will be funded by the wastewater grant that we are in the process of working through. Hopyard capacity upgrade, that is also gonna be funded through the Wastewater Grant, the \$16 million. Then we have... The used dump truck was something that you all approved in last year's CIP. We haven't necessarily done anything with that. The vacuum pump truck is another project on there that's very critical. Oakland Park decommissioning, that has been upgraded to a little quicker timeframe because of the availability of those \$16 million. So you're gonna have, in a short term, like three to four years, you're gonna have decommissioned two wastewater plants. That's the plan. Dahlgren/Fairview Beach Wastewater Treatment upgrades, those are also gonna be funded through the wastewater grant. The infiltration and inflow projects, an annual program, and we're gonna be utilizing the wastewater funds that we are receiving. And UV projects mainly at Dahlgren, that's a process of treating the waste as it comes in. That's also gonna be funded through the Wastewater Treatment grant that we got.

So again, going down from number 12 through to 17, those are the water-related projects. And those are all going to be funded through the Water Grant, the \$5 million Water Grant that we received. And as I said, we have already scoped out projects, and we're working according to the guidance that we're getting with VDH and the whole process of bidding out things and stuff like that. So let me just recap those. Arnold's Corner Well, that's an upgrade that's very essential to the courthouse system here. So that will be an upgrade. The Circle and the Courthouse Interconnection, that is another critical part of the courthouse water system, and the goal that VDH has on this is to tie those together, obviously, hence the word interconnection to provide better redundancy, better reliability. And Circle is a small system there on Ridge Road on 205, and it will then connect with the courthouse system. The abandoned Circle Wells, that would be... Once it's interconnected, you would have that taken care of. Canterbury is on 2-0... Is on Route Three as you're going towards Westmoreland County. That's a subdivision in there, pretty extensive water service there.

The other goal that VDH has, is there is a need for the Canterbury and the courthouse systems to be interconnected, and that's part of that water system grant that we get. New Fairview Beach Well, we've talked about this. So the Potomac Landing Well is pumping sand, and so we can either add a new one at Fairview Beach, or we can add a new one at Potomac Landing. It really makes no difference, and so we're looking at the best options. We've been working with VDH on that. But that is one of the next... That is another part of this water grant. And then Hopyard and Courthouse Interconnection. Obviously a big part of the upgrades to the water system would be the connection with Hopyard and Courthouse. And obviously, if you... Once we move to surface water, then

you're looking at Hopyard and really a fundamental place in the whole system. And so that connection there between Hopyard and courthouse is very essential... And the last item that's on there that's not obviously in shaded colors is fencing for various lots that we have, we have a lot of lots. We have a number of water towers and well sites that just need to have upgrades to their fencing. This is the beginning of that. It's probably something that we'll have to have coming back every year to just upgrade the fencing, especially after the winter storm that hit and you had a lot of trees that took some fencing down... We're just catching up on that.

So all of these projects are very much, obviously, with the exception of the fencing and the small dump truck and the Vac-pump... Everything is tied to a grant, obviously, the Service Authority would have to utilize wholly the line of credit and not be able to reimburse ourselves, we will use the line of credit to pay for these, and then as we get reimbursed, we'll utilize those funds to reimburse ourselves. Donna, did you wanna explain about the appropriation and why that's critical?

0:39:49.2 Donna Hahn: Good evening, Mr. Chair, members of the board. The water projects, of course, Mr. Martin mentioned that they are reimbursable in order to get started on those projects, we need to have the funds appropriated and that we can go ahead and get busy spending money and getting this work completed. And also to allow finance to set up the coding structure in our financial system to record that we wanna keep it separate from anything going through the operating... Normal operating codes, so that it makes the reimbursable piece a lot simpler, and once we start spending those, we can monitor those codes and make sure that we have, that myself have all of the copies of any invoices so that I can submit those for reimbursement.

0:40:46.7 A. Parker: Are you looking for the appropriation of fiscal year '23 funds or the whole shebang?

0:40:53.3 D. Hahn: So. I've worked with our engineer and to come up with the fiscal year '23 funds as far as when the projects are anticipated to... As you'll see the circle and courthouse interconnection, and the Canterbury and courthouse interconnections, those two projects. They are already getting... Getting started on getting the engineering piece done, and he anticipates that's all that will be done this year, but if things get done quicker, it's possible that we might get started earlier, but what we have been doing with the waste water projects and things that were approved in last years CIP, we didn't appropriate the funds until we got the contracts ready and then appropriated them at that time, which outside of the engineering, some of that we will need to do as well... Or we can do as well, for the water projects, so that we're not appropriating the funds even though we will need to at some point in time, we can appropriate as we go along, we just need to have the projects approved essentially.

0:42:13.3 C. Miller: Did that answer your question?

0:42:16.1 A. Parker: So you wanna us to... No, not really. What I'm looking at, you wanna us to appropriate funds, what do you want us to appropriate? Do you want us to appropriate the fiscal year '23 column or the grant...

0:42:30.5 D. Hahn: Figure '23, we can come back on others.

0:42:32.5 A. Parker: That's what I wanted to know.

0:42:33.7 D. Hahn: And essentially what I'm looking for more than appropriation is approval of the

CIP so that we can go ahead and get those costs set up, but... Go ahead. Especially the items in fiscal '23 to appropriate.

0:42:51.7 Chairman: Okay, you got that?

0:42:57.9 C. Binder: I have a question on the financing, so you answered my question about were gonna use the line of credit, but as soon as you receive the money back from the ARPA funds, can you apply it right to pay back the line of credit?

0:43:09.4 D. Hahn: So I'm going to try not to use the line of credit as much as possible, so that it just comes right back into the operating budget, that we'll spend it out of the operating budget and get reimbursed. With the VDH grant, I can go ahead and start doing reimbursements. As soon as we get the projects going and pay invoices, I can submit a reimbursement for that. So I don't see for the water projects having to go out to the line of credit.

0:43:36.3 C. Binder: Okay, I just wanted to make sure 'cause incurring more debt is not a thing I'm interested in.

0:43:41.9 D. Hahn: Yes, and so right now to the main thing with the line of credit is that anything that we do use the line of credit for, we have to pay interest on this fiscal year, we don't have to make any payments. I would have to verify with our financial advisor, Davenport, to make sure that there's, I'm probably sure that there's no pre-payment issues, but I would wanna double check with them because they set up the line of credit prior to my arrival at King George County.

0:44:15.3 C. Binder: Alright, thank you.

0:44:17.7 A. Cupka: Mr. Chair, may I ask a question? So this is in our packet as a presentation and report proposed '22/'23 CIP for water, wastewater or maintenance. I'm looking at the board report, it says "The following will be presented to the Board of Directors recommended action for the board of director's information." So why am I seeing... Now, I am intimately familiar with the \$16 million for wastewater because I personally lobbied for that, for those projects, but why is this the first time we're seeing this being presented here and we have a request to go ahead and appropriate it? I understand the time sensitivity that we have to apply for the grant funds and all of that, but... There's a board report, but none of this was published in the packet. So like if Annie doesn't wear her contacts, I can't see any of this and I don't know what I'm appropriating.

0:45:19.5 C. Miller: So this the... Due process of approving a CIP is obviously different than the Board of Supervisor's process of where you have several meetings. I would say that, at a minimum, it'd be great if you could get us the water projects appropriated or approved. If you wanna hold off on the other ones, that's fine. I think we're just trying to facilitate the process. Clearly, if it's the board's discretion to hold off for another meeting and look through this... That's fine with us. I think that Ms. Hanh is just trying to get this process moving from the standpoint of administering the \$5 million water grant. We haven't gotten anything with the wastewater yet. I think Mr. Morris indicated our first meeting was on the 30th of August, so certainly, we're not asking you to do everything. I think that what... From our standpoint is that the sooner, the better. I have it said in previous general manager reports that we'll give you a proposed CIP, you can deliberate on it, on it, however you want to. And so, certainly, this was set up as an informational item and then I think Ms. Hanh had send to be, if there's any way we could get them to appropriate the water grants, then

that would be ideal for us because it starts the process moving on, on getting those projects into the pipeline, as she indicated, and it just makes it a much more easier process to deal with the state funds, that's all. So...

0:47:11.4 D. Hahn Or, at a minimum, approve the projects. You don't necessarily have to appropriate the funding at this time because... With the exception of the... As it was mentioned earlier, The Circle and courthouse interconnection and the Canterbury and courthouse, because those projects have... They're already getting ready to take place and we just need the funding approved in order to pay any bills that they... I believe Engineering is working with our contractors that we have for the engineering services contracts that the county has to get those projects up and going. The others, any of the well constructions and the interconnection, anything that involves the construction, we're gonna have to go out for contract and we wouldn't necessarily need the funds appropriated until the time a contract is let. But we would like to be able to get our journal... Our coding set up and established. And these projects, I believe, are the ones that were sent to VDH for that \$5 million grant. So, at a minimum, I'd like the... If we could, tonight, do The Circle and courthouse interconnection and the Canterbury and courthouse interconnection, but approve the projects so that we can set up the line. The wastewater projects, the majority of them have already been approved in last year's CIP with the exception of the, I believe, the inflow and infiltration projects and the Dahlgren/Fairview Beach wastewater upgrades.

0:48:57.4 C. Miller: And I...

0:48:57.4 A. Cupka: So, thank you, Ms. Hahn, for that explanation. So I'd be comfortable... I'd be more comfortable approving the projects tonight. I don't have a problem. These have been known quantities for quite some time, I just... We just got thrown a bunch of numbers and... Yeah, that's where I'm coming from. Thank you.

0:49:18.0 C. Binder: Mr. Chair, I just wanna... I'm comfortable, but I'm not comfortable because for me, I wanna see how we're gonna expend and get the money for it before we get reimbursed, without constantly dipping into the line of credit. So what presented it right now, I just see it in Excel.

0:49:35.9 D. Hahn: And that's why I'm saying tonight, only appropriate for The Circle... For the engineering pieces, the 81-1 and the 94-2.

0:49:46.0 C. Binder: And I understand that. I just don't feel appropriating without the information.

0:49:51.2 D. Hahn: Because I'm not planning... Yes, I'm not planning to dip into the \$15 million line of credit. I'm planning on paying those out of operating budget and then reimbursing from the grant and coming right back...

0:50:01.8 A. Parker: So I think what she's saying is the engineering firm is gonna send a bill of, let's say, \$10,000 for the month of June. She's gonna pay the \$10,000 and immediately send the invoice to VDH, get the \$10,000 back, so the next \$10,000 that comes in, we've already got \$10,000 from the previous month. So what you're gonna be lagging is some smaller amount of the \$81,000. So whatever the engineering... Let's say it's \$20,000 a month. You'd be \$20,000 behind and, at the end, you'd be getting your last \$20,000 back instead of going to credit for it. So, as soon as she gets the invoice, she can pay it from our funds, but then put the invoice into VDH to pay. So you'll

always be like a month behind from VDH.

0:50:50.0 C. Binder: I understand the concept, it just makes me a little uncomfortable.

0:50:52.6 C. Miller: Well, and I just would add that... To what Ms. Hahn is saying, we understand the use of the line of credit. I mean, the minute you use it, you're running an interest on it, and no one wants to do that. No... That's why we've been very fortunate with receiving these grants. And clearly the intention of the line of credit was thought out and was very wise in the sense of what the previous boards did, knowing that there was a need to do some capital projects that have been long deferred and to bite that bullet, and we're not here advocating that we're gonna use this line of credit, unless it absolutely is necessary. And as Ms. Hahn indicated we're gonna do everything we can to take it out of operations, and then have it reimbursed. And I think that's what we were trying to do tonight. Like I said, however you wanna deliberate on this, I think that we just felt you've seen these water projects. We provided it in the grant that was approved by this board back in late June. So these water projects are not a mystery. And I agree with the wastewater projects or projects that were put in the grant request for the wastewater projects. So the only couple projects that are new on there, one is the fencing. And as Ms. Hahn indicated the water projects are all done in coordination with VDH, these are what they want us to do. And so we... These aren't just dreamed up, these are very much based on careful deliberation of, and work that has gone into this. But again, it's your choice, how you want to do it. We'd request that you'd appropriate as Ms. Hahn said a couple of those projects, the interconnections, and so we can, or at least approve, not appropriate, approve so that we can get on down the road with administering these grants.

0:52:57.3 C. Cleveland: Mr. Chairman, I thought that you had said in your board report that this could be retroactive to March 3rd, 2021 water projects.

0:53:06.1 C. Miller: I think that was the wastewater project.

0:53:09.4 C. Cleveland: Okay. When I'm looking at this, I'm thinking about priorities. And I think that we've had a couple things that have come up lately in reference to water, particularly in Potomac Landing and Fairview Beach. And I think that we need to look at it as far as the priority of these projects. And I don't know what they are. So you're saying that VDH is requiring these interconnections. I don't think I fully understand how that works, but I do know that there is a priority in the pipes at Fairview Beach.

0:53:45.6 A. Parker: So the way this is appropriated, just looking at it, your Fairview Beach would be done this year, 'cause it's fiscal year 23, 'cause they're appropriating all the money would be spent this year. So it's one of the first priorities.

0:54:00.1 C. Cleveland: This is the well though.

0:54:00.3 A. Parker: Yeah. It's the well. This is stuff on the grant from VDH repairs, repairs and search that would be under our normal repair functions. That's not VDH money. These are...

0:54:13.4 C. Cleveland: But it's not repairs that are needed. It's new piping that's needed. So I just say from a priority perspective, are the interconnections the priority or is replacing pipe's priority?

0:54:25.1 C. Miller: Well, I think that, I mean, we're happy to have somebody from VDH come

and tell you about their priorities and how we've worked hand in hand with them. Their goal is get us off of groundwater. These all get you... Address your concerns right now with groundwater, but their goal obviously is to get you off groundwater. The issues of the infrastructure in the ground at Fairview Beach and other areas is critical. I would certainly agree with you, but it's never been something that they've been driving in their conversations with us. If that's a project that's gonna be a project that would be outside of this \$5 million grant. They're looking at the source, they're looking at a reliable source of water and that's why the Fairview Beach, a new well at Fairview Beach or a new well at Potomac Landing is part of their plan. And so how that is distributed, they aren't necessarily telling us that's an issue. But I'm happy to have somebody come and have a presentation on this. And can tell you about what is going in their minds, why these projects were identified. A lot of them are based on timing. Some of these wells systems have to be upgraded by a certain period of time 'cause their permit will expire, those kind of things. But... And I think I go back to the whole, the connect or the, excuse me, the distribution of water in Fairview Beach and Potomac. That's gonna be a project that is gonna have to be looked at by us, 'cause it's never been on my radar screen in terms of... From when Mr. Weakley left, he didn't indicate to me, "Hey, you need to take care of this as a project or you guys need to start planning for this." So, we're happy to have somebody run some cost estimates of what kind of a cost that would take it, to look at that. I'm happy to do that and provide that as another project. But these are all identified as the needs that the county has, that the Service Authority has to get their water system to be reliable and also phase off of groundwater.

0:57:09.0 Chairman: Keep in mind that, and we've discussed this before that these interconnections are to help with reliability, redundancy and backup. If that connection between Dahlgren and Windsor had worked like it's supposed to, we wouldn't have had the issue we had at Windsor during the snowstorm. They would've still had water at Windsor, maybe not at greatest pressure, but they still would've had water. So this promotes us that way. We've talked about the issue with the chlorine and the taste and the smell. And as Patti Norris-Barker explained to us. Essentially, all our systems are dead-end systems. And the more we tie 'em together, the more this becomes a loop system. And the chemicals become more evenly and we won't have these high on one end trying to get that required level at the other end. So this is all stuff that's necessary to improve our system and make our system better, more reliable. And if we ever or when we ever go into drawing from the river, setting up to distribute that water. And my understanding in all this, is you need most of this just for accounting purposes, so...

0:58:51.2 D. Hahn: That's correct.

0:58:52.5 Chairman: You can start sending bills to Richmond and you can start sending checks to people that we owe money.

0:58:57.5 D. Hahn: Correct.

0:59:00.6 Chairman: Okay. Any other questions?

0:59:00.9 C. Cleveland: Well, Chairman, to that point though, the interconnections are needed, but if the pipes are not adequate, our water is still gonna smell like chlorine. So it doesn't matter where they're circulating, if the pipes aren't fixed, it's still gonna smell like chlorine, because they have to put more chlorine where the pipes are bad.

0:59:24.3 Chairman: Okay. And as the engineer explained to us a few months ago, there are methods of where they can reline the pipes and other things. But we haven't even approached that. We know that's an issue that needs to be addressed, but we can't just throw it into the capital improvement plan now. That has to be down the road. And we need to get preliminary from the different firms as to whether a reline would work for us or whether we need to replace. And that's... You're the engineer, a year, a year and a half of preliminary work at least?

1:00:09.6 A. Parker: So the cut to the chase is, VDH is appropriating money for specific projects that they care about. They don't give a darn what our projects we care about. It's a state government agency, they're gonna fund whatever they feel like they wanna fund and nothing else. It doesn't really matter. Now, we have to... Addressing the maintenance of the lines, that's this board and we have to take a look at it, and that's something we have to get the engineers involved in to figure out what's the most cost-effective, fastest way to do it. But it wouldn't be covered by VDH. What we're talking about is a grant from VDH for specific projects VDH wants us to do. And if we don't want to take the money from VDH, they won't give it. 'Cause we want other projects, they just won't give it to us. That's sort of the way that the funding works.

1:01:00.3 A. Cupka: Mr. Chair, I'd like to offer a motion.

1:01:02.4 Chairman: Go ahead.

1:01:03.3 A. Cupka: At this time, I would move to approve the list of projects in the proposed Service Authority CIP '23-'27 as presented.

1:01:14.9 Chairman: Motion's been made, do I have a second?

1:01:17.8 A. Parker: Second.

1:01:18.9 Chairman: Motion's been made and second. Roll call vote, Ms. Binder?

1:01:23.4 C. Binder: Aye.

1:01:24.3 Chairman: Mr. Parker?

1:01:25.3 A. Parker: Aye.

1:01:26.3 Chairman: Ms. Cupka?

1:01:26.9 A. Cupka: Aye.

1:01:27.4 Chairman: Ms. Cleveland?

1:01:28.9 C. Cleveland: So we weren't able to have discussion on that or?

1:01:34.5 Chairman: We just spent the last 10 minutes discussing.

1:01:37.1 C. Cleveland: Well, we didn't make a motion. I just have a question about it first.

1:01:40.9 Chairman: Okay.

1:01:41.9 C. Cleveland: Okay, so what you're saying is, we're approving the CIP but not allocating the funds of the grant, right? Okay. Aye.

1:01:51.3 Chairman: Okay. Chair votes aye. Motion carries. And that meets your needs for accounting.

1:01:58.5 D. Hahn: Except for those two interconnection engineering.

1:02:04.3 A. Parker: We're already paying for engineering for the two of them, so number 13 and number 15 are already underway, so they need money appropriated to 'em to pay the bills.

1:02:16.6 Chairman: Okay.

1:02:17.6 A. Parker: So I would make a motion that we appropriate the funds of \$81,100 for The Circle and courthouse interconnection, and \$92,200 for the Canterbury and... \$94,200 for the Canterbury and courthouse interconnection.

1:02:34.9 Chairman: Okay, motion's been made. We have a second?

1:02:38.5 A. Cupka: Second.

1:02:38.8 Chairman: Motion has been made and second. Ms. Binder?

1:02:44.5 C. Binder: I have a question just on that is, we have operating funds right now to pay for that?

1:02:51.0 D. Hahn: Correct.

1:02:51.5 C. Binder: Alright, thank you. Then aye.

1:02:53.8 Chairman: Mr. Parker?

1:02:54.8 A. Parker: Aye.

1:02:55.3 Chairman: Ms. Cupka?

1:02:56.3 A. Cupka: Aye.

1:02:56.7 Chairman: Ms. Cleveland?

1:03:00.1 C. Cleveland: Aye.

1:03:00.2 Chairman: And the Chair votes aye. That motion carries. Thank you, Ms. Hahn. Okay, where are we now? State grant?

1:03:16.0 C. Miller: I think that you did a great job of explaining where we are in the process. I

think as the Chair indicated, we had our first meeting with the Department of Environmental Quality. It's gonna be a project that will actually be a little bit more easy to administer, because there's no third party involved. And we will essentially have a max of 10 million per project. So anything over 10 million requires installation of Davis Bacon and things like that. None of our projects will exceed \$10 million. So we'll be okay. Now, cumulatively, we have \$16 million that we're gonna get. But if you break it down by project, we'll be okay. So, I think, Chairman Morris did a good job of explaining where we are. The next step will be identifying the scopes of projects and coordinating with them, with DEQ, on what their requirements are and such as that, so.

1:04:22.4 Chairman: You have your general manager's report?

1:04:27.6 C. Miller: Yes, I believe it's on there. So... Just gonna mention a couple of employee anniversaries. I was remiss to indicate that someone had reached a level of service at 28 years at the last board meeting in August. We didn't have any streamers or any confetti come down, I don't have it tonight either, but I will just point out that Patti Norris-Barker has been with us for 28 years, and thank her for everything she's been able to give me while I've been doing this, and I know that she has served a lot of people very well. And clearly, the AMI project is something that's in her hands right now, and she's doing a good job with that, and so I just wanted to say thank you. We also have an operator trainee... Wastewater operator trainee, Robert McClenegan is with us for two years. So...

The last thing that I have on here that is not mentioned, but I am... It's at your table or at your desk, is a to-do list. So, the County Board of Supervisors had asked me to prepare something that's similar to this for them, and I thought that it would be useful for you all to have something similar. Essentially, the to-do list has essentially 17 projects, one of which is done and that's highlighted in yellow, and that is the Service Authorities WaterWorks business plan. This is a requirement that VDH has, and Bryce Young, our county engineer, had completed and already submitted that, and he worked very closely with VDH, so when we... Not to revisit that subject of the water grant, but this was essential to us being able to begin the process of drawing down on that water grant is having this in place, and we were told that at a meeting with VDH, and that underscores the importance of those projects and whatever VDH is wanting us to do, we're gonna work with them very closely. But this just gives you an update. I'm happy to provide an update every month at each meeting, I can make it as part of my general manager's report. I know that the Board of Supervisors is interested in emulating the process that the school board had where they had this, and there would be some discussion opportunities. So I think that the kind of the procedures that the board of supervisors was talking about doing is, if any board member wanted to add to a list of things that as a county administrator, I was to look into, or as our county attorney, Ms. Lackey was to look into, it would automatically go on this to-do list and then we would go ahead and track it. They would also, if there was a request for some information on an existing project, we would update the project as based on that information, so... Again, this is just a, it's a tracking tool. Most of this is gonna be capital projects 'cause that's the majority of our to-dos, but I'm happy to take any input offline, it doesn't have to be tonight, I know we're running late right now, but... Just tell me what you think. We can discuss it at another meeting as well, so... But it's meant to give you some information about where we stand on some projects and... That's all I have.

1:08:39.2 A. Parker: Do you have an update on the number eight on here?

1:08:46.1 C. Miller: Yes, so we are in negotiations right now with Inbodin. I think that I've reported in previous meetings that there's a pretty good chunk between what their proposal is and

what our budget is, in terms of what the cost could be for an operator contract. We are negotiating with them, they are working to try to lower that and to close that gap. I'd like to hope that next meeting that we have something, if not, then it would be that first meeting in October. They're looking at everything that they can do, and it's just one of these situations, obviously, they are continuing to stay on as our operator in charge for another, I guess, two months, but we're trying to bring this to a closure so that we can get it to a point where we can talk in more detail with you guys about it. But right now, there's a pretty good gap in terms of how they want to look at this. We have looked at it from the standpoint of like a manager, like a contract manager with the class one, kinda like what they're doing right now, and then utilizing our employees versus the contract, the entire contract approach. I think we've run into some issues of liability that prevent that really from being a realistic possibility, so right now, we're kind of sticking with just looking at the whole contract situation. So I'm hopeful that we can bring you something very shortly.

1:10:44.7 A. Parker: Thank you.

1:10:47.0 C. Cleveland: Chairman, I have a... Can I go ahead?

1:10:51.5 Chairman: Go ahead.

1:10:52.1 C. Cleveland: Okay, so I like this idea, and I think that this would be really good to bring back to us to give us updates, particularly what we were just talking about, which is the future of the Service Authority and information like that we need to know and know that it's developing and know what your conversations are, so I absolutely think that this is needed and critical at this point.

1:11:11.6 Chairman: Okay.

1:11:12.0 C. Cleveland: So, I appreciate that.

1:11:15.9 Chairman: Okay, thank you Mr. Miller. And I like this also, thank you. If nothing further from Mr. Miller, Mr. Parker?

1:11:27.1 A. Parker: Motion to adjourn to September 20th, 2022 at 5:30 PM here in the boardroom.

1:11:33.8 Chairman: Motion has been made and second. All in favor?

1:11:35.3 C. Binder: Aye.

1:11:35.9 C. Cleveland: Aye.

1:11:36.1 A. Cupka: Aye.

1:11:36.6 A. Parker: Aye.

1:11:36.9 Chairman: Chair votes aye, motion carries. We are adjourned to September 20th, 2022, at 5:30 PM here in the boardroom.