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GREAT LAKES WATER AUTHORITY BOARD OF DIRECTORS MEETING  
WEDNESDAY MAY 26, 2021 at 2:00 P.M.

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Connors Creek Sewer System Rehab FY 2022 SRF Project  
Wastewater Conveyance System FY 2022 SRF Project  
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The requested portion of the board of directors  
public hearing regarding the above two projects,  
Taken Via Zoom  
Commencing at 2:00 p.m.,  
Wednesday, May 26, 2021,  
Before Caitlyn Hartley, RPR, CSR-8887.

Court reporter appearing remotely.

1 APPEARANCES:

2 BOARD OF DIRECTORS:

3 John Zech, Chair

4 Jaye Quadrozzi, Vice Chair

5 Freman Hendrix

6 Beverly Walkter-Griffea

7 Brian Baker

8 Gary A. Brown

9

10 LEADERSHIP TEAM:

11 Sue McCormick, CEO

12 William Wolfson, Chief Admin/Compliance Officer

13 Nicolette Bateson, CPA

14 Cheryl Porter, COO for Water and Field Services

15 Navid Mehram, COO for Wastewater

16 Suzanne Coffey, Chief Planning Officer

17 Michelle Zdrodowski, Chief Public Affairs Officer

18 W. Barnett Jones, Security and Integrity Officer

19 Jeffrey Small, Chief Information Officer

20 Attorney Randall Brown, Counsel for the Board

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1 APPEARANCES CONTINUED:  
2 ALSO PRESENT VIA ZOOM:  
3 Caitlyn Hartley, reporter (for items 6, 7 and 10B and C)  
4 Todd King, Field Services Director  
5 Rechanda Willis, GLWA  
6 Daniel Edwards, GLWA  
7 Kim Garland, GLWA  
8 Terry Daniel, GLWA  
9 Jody Caldwell, GLWA  
10 Sonya Collins, GLWA  
11 Jeff McKeen  
12 Kevin J. Johnson  
13 Bart Foster,  
14 Jordie Kramer  
15 Grant Gartrell  
16 Revia Bowie  
17 Emell Monlyn  
18 Michael Lasley  
19 (A few other unidentified individuals)

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1 Remote public hearing  
2 Wednesday, May 26, 2021,  
3 About 2:00 p.m.

4

5 CHAIRPERSON ZECH: We're going to call the  
6 meeting to order and we're going to turn it over to  
7 Rechanda to take the roll.

8 MS. WILLIS: As a reminder as I call the  
9 roll would each board member please indicate that you  
10 are present and the name of the city, village, township  
11 and state where you are calling into this meeting.  
12 Chairperson Zech?

13 CHAIRPERSON ZECH: I'm present. I'm in  
14 Canton Township, Wayne County of Michigan.

15 MS. WILLIS: Vice Chairperson Quadrozzi?

16 VICE CHAIRPERSON QUADROZZI: I am present in  
17 the city of Wolcott, New York, County of Wayne.

18 MS. WILLIS: Secretary Hendrix?

19 SECRETARY HENDRIX: Present. Detroit,  
20 Michigan.

21 MS. WILLIS: Director Baker?

22 MR. BAKER: Present in Clinton Township,  
23 Michigan.

24 MS. WILLIS: And Director Walker-Griffea?

25 DR. WALKER-GRIFFEA: Here. Flint, Michigan.

1 MS. WILLIS: We have a quorum.

2 CHAIRPERSON ZECH: Okay. Next item is  
3 consent matters. Are there any consent matters that the  
4 board wishes to move over to the full agenda? Hearing  
5 none I will move us over to approval of the agenda. Can  
6 I have a motion to approve the agenda please? Everybody  
7 seems to be muted but me.

8 MR. BAKER: I will move the agenda.

9 CHAIRPERSON ZECH: Thank you.

10 SECRETARY HENDRIX: Support.

11 CHAIRPERSON ZECH: Moved and supported to  
12 approve the agenda. All in favor signify by saying aye.

13 ALL: Aye.

14 CHAIRPERSON ZECH: Any opposed? Motion  
15 carries. Okay approval of the consent matters. Can I  
16 have a motion relative to that item?

17 SECRETARY HENDRIX: So moved.

18 VICE CHAIRPERSON QUADROZZI: Support.

19 CHAIRPERSON ZECH: Thank you. Any  
20 discussion? All in favor signify by saying aye?

21 ALL: Aye.

22 CHAIRPERSON ZECH: Any opposed? Motion  
23 carries. Okay. Today we have a couple public hearings  
24 and the first one is public hearing regarding Connors  
25 Creek Sewer System Rehabilitation fiscal year 2022 State

1 Revolving Fund project. It's item 2021-203 on our  
2 agenda. There are opportunities for public input on  
3 today's agenda. If you wish to comment on any of these  
4 opportunities, you will have three minutes to address  
5 the board. You will be able to do this as well relative  
6 to the public hearing. So to get matters started I'd  
7 like to have Ms. Bateson and Ms. King start us off on  
8 this public hearing.

9 MS. BATESON: Good afternoon. Director  
10 Nicolette Bateson, Chief Financial Officer and  
11 Treasurer. I'm going to hand it over to Kim Garland who  
12 is our reporting and compliance manager who has stepped  
13 up to fill the role previously held by John Wheatley our  
14 public finance manager to give you some highlights of  
15 the proposed financing and then she's going to hand it  
16 over to Mr. King who will walk through the technical  
17 aspects of the project.

18 MS. GARLAND: Thank you. And I believe Todd  
19 may be pulling up the presentation as I speak, but a few  
20 key highlights for this project. The Connors Creek  
21 Sewer System Rehabilitation Project is one of two Clean  
22 Water Revolving Fund projects that we hope to submit to  
23 the state to meet the June 1st deadline for Clean Water  
24 Revolving Fund project applications. This project is an  
25 estimated cost of 36.8 million dollars and we hope that

1 using the CWRFF loan program will provide an estimated  
2 16.2 million in savings compared to similar open market  
3 bond issues. And with that I will turn it over to  
4 Mr. Todd King.

5 CHAIRPERSON ZECH: Thank you. Mr. King.

6 MR. KING: Thank you Kim. Thank you  
7 Mr. Chair. Is everybody seeing the screen? It should  
8 say --

9 CHAIRPERSON ZECH: Yes.

10 MR. KING: Okay very good. So I am Todd  
11 King. I am the Field Services Director for the Great  
12 Lakes Water Authority. And today I'm talking about the  
13 first of two State Revolving Fund projects. The first  
14 one we'll talk about is the Connors Creek sanitary sewer  
15 project. I will give you an overview of the project,  
16 talk about the existing conditions, talk about the  
17 project needs, and the alternatives that were evaluated  
18 along with their estimated costs and present the  
19 recommended alternative along with the implementation  
20 schedule.

21 The overall project runs from the Connors  
22 Creek sanitary sewer runs from 8 Mile Road east of Van  
23 Dyke down to the Connors Creek storm and sanitary pump  
24 station over on Jefferson. There are about seven miles  
25 of sewer that we're discussing and that serves an



1 estimated population of about 120 thousand folks and the  
2 breakdown of the 37 thousand feet of project in terms of  
3 land use is given in the table here. Here is a map of  
4 the overall sites and basically the scope of the project  
5 is -- follows the alignment of the sewer through the  
6 city and begins at 8 Mile Road and terminates at the  
7 Connors Creek sanitary pumping station.

8 For the purposes of the project about a 100  
9 foot buffer was used to -- on either side of the  
10 alignment was used to find the scope of the study area.  
11 The service area associated with the Connors Creek  
12 sanitary sewer is shown in green and the design storm  
13 that was used to kind of evaluate the project was the  
14 10-year 24-hour storm. And it's the city of Center Line  
15 here up on -- bordered by 11 Mile up in the middle of  
16 Warren, so that's the little outsource. That's not a  
17 part of the study but that -- in case you were wondering  
18 what that was.

19 So the existing conditions, not terrible bad  
20 given the fact that this is 100-year-old infrastructure.  
21 37 thousand -- like I said 37,500 linear feet of  
22 project, combination of brick and concrete construction  
23 for the sewers. Again, about 100 years old. We went  
24 through and did a condition assessment and identified  
25 the issues that needed to be resolved. Anything from

1 drippers and runners as they're called, basically  
2 infiltration coming in through the sides of the pipe to  
3 surface damage as you see here where the Re-Steel (sic)  
4 is exposed and if left unabated, that becomes a  
5 structural issue; and then any holes that are in the  
6 sewer wall that, you know, could allow infiltration of  
7 sands and vines and then result in sinkholes. So those  
8 are the types of problems that this project will address  
9 and solve.

10 In terms of potential consequences, you  
11 know, if there were to be a catastrophic failure there  
12 would be significant basement backups, combined sewer  
13 overflows, you know, damage to various infrastructure  
14 and facilities and property damage, et cetera. I think  
15 some of the critical infrastructures and facilities  
16 would be I-94, the Coleman Young city airport, Conner  
17 Creek Health Center. Just in general the Chrysler  
18 Jefferson north assembly plant, cemeteries.

19 As part of the project three alternatives  
20 were developed. One was the no action, one was defect  
21 rehabilitation, and the third was full replacement. If  
22 you look at the range of cost down at the bottom, the  
23 estimated capital cost for no action would be of course  
24 zero dollars for the capital cost, however, the  
25 consequence of failure would be significant and

1 unacceptable in terms of providing level of, service, so  
2 that alternative is not carried forward in the  
3 evaluation. So we're left with two alternatives, which  
4 are basically one, defect rehabilitation as considered  
5 for alternative two and then full replacement as would  
6 be considered for alternative three. And the capital  
7 cost were in the range of 40 million dollars for  
8 alternative two up to 800 million dollars for  
9 alternative three. And I think based on that we'll go  
10 through another slide of present worth and equivalent  
11 annual cost but it's pretty obvious that alternative two  
12 is the preferred remedy. It provides the level of  
13 service or ongoing level of service. It's the least  
14 disruptive to the overall community and provides the  
15 best value to the Great Lakes Water Authority and our  
16 customers.

17           So the recommended alternative with  
18 rehabilitation will involve heavy debris cleaning.  
19 There will be portions that have a cured-in-place  
20 pipelining that basically provides a complete structural  
21 repair of the pipe. Sliplining would be another thing  
22 that's incorporated, which is where you basically pull a  
23 pipe within the pipe and then grout the annular space to  
24 provide a complete structural repair. Chemical  
25 grouting, which is more of a spot repair where you

1 insert grout into the defect and seal it up, and then  
2 shotcrete spot repairs is more of a surface coating in  
3 order to if there's exposed rebar to, you know, put a  
4 concrete coating over that and give it some more design  
5 life.

6 There's a few ancillary portions of the  
7 project constricting a couple access structures. There  
8 of course will be the need for temporary flow bypass  
9 when you're doing things like the cured-in-place  
10 pipeline. There will be some temporary traffic detours  
11 associated with the access shafts and pulling in the  
12 slipline. We'll of course comply with the soil erosion  
13 and sedimentation control and restore any surface  
14 disturbance.

15 The overall schedule. We began the project  
16 last year in 2020. We just crossed the 50 percent  
17 design milestone earlier this month. We'll be hitting  
18 the 100 percent design by fall in October and we should  
19 be going out to bid and getting bids in early 2022.  
20 Start the work in the construction season for 2022 and  
21 it should take about two years to complete the work.  
22 With that I'll take any questions.

23 CHAIRPERSON ZECH: Thank you, Mr. King. Are  
24 there any questions from the members of the board?

25 MR. BROWN: I got a couple.

1 CHAIRPERSON ZECH: Go ahead.

2 MR. BROWN: How will -- how will the  
3 affected community be notified? Is that going to be  
4 done with in-house personnel or are you going to have a  
5 PR person attached to the project from the outside?

6 MR. KING: I think it will be a combination  
7 of internal resources and also working with DWSD and the  
8 public affairs folks like we did for the 7 Mile Nevada  
9 project that we recently began the public aspect of  
10 that. As far as the project team I don't recall if we  
11 had a specific PR person as part of the consultant team  
12 or not. That I can't recall.

13 MR. BROWN: Okay. So on the residential  
14 portion I mean what -- how do you -- the residents how  
15 will they be affected and for how long in the  
16 residential sections of this project?

17 MR. KING: In the areas immediately adjacent  
18 to the access shaft I think those are mainly commercial  
19 areas and we've tried to locate those access shafts in  
20 the kind of public right-of-way so that we minimize the  
21 impact to the surrounding community. Again, there will  
22 be traffic concerns outside of the access shafts when we  
23 get into some of the areas where there will be  
24 sliplining but I think, you know, again we've got a  
25 pretty good approach with respect to our PR folks

1 internally and then DWSD's PR folks to make sure we  
2 cover the bases with respect to, you know, public  
3 notification and making sure people are well aware of  
4 what's going on, why it's going on, and what the benefit  
5 is to the community.

6 MR. BROWN: How much of the project is going  
7 to be open cut?

8 MR. KING: This project, other than the  
9 access shaft this is all in-situ or it's all within the  
10 pipe. There won't be any open cut other than the  
11 creation of the access shafts which are necessary in  
12 order to accomplish the sliplining and the CIPP.

13 MR. BROWN: All right thanks.

14 CHAIRPERSON ZECH: Anything further from any  
15 member of the board? Thank you, Gary. Good questions.  
16 Anything further from other members of the board? Okay.  
17 Are there -- Bill, are there people standing by that  
18 would like that comment on this as part of our public  
19 hearing?

20 MR. WOLFSON: Just to remind members of the  
21 public if they wish to comment on this public hearing,  
22 they can press star 9 on their telephone. If a member  
23 of the public wishes to comment, they can press star 9  
24 on their telephone.

25 CHAIRPERSON ZECH: Anyone wishing to press

1 star 9? Do we have any people that would like to speak?

2 MR. WOLFSON: Mr. Chairman, I do not see any  
3 but if there are members of the public who wish to offer  
4 written comments by the 5 p.m. close of business today  
5 it can be addressed to Mr. Daniel Edwards and that's  
6 Daniel.Edwards@GLwater.org.

7 CHAIRPERSON ZECH: I take it Mr. Wolfson  
8 that we do not have any written comments that have  
9 already been submitted?

10 MR. WOLFSON: That is correct, Mr. Chairman.

11 CHAIRPERSON ZECH: Okay. Is it appropriate  
12 to close this public hearing or do we adjourn it and  
13 leave it open --

14 MR. WOLFSON: No.

15 CHAIRPERSON ZECH: -- till a future meeting?

16 MR. WOLFSON: You would close it, Mr.  
17 Chairman, and any written comments that I receive today  
18 before 5 p.m. by Mr. Edwards, we would attach to the  
19 record of the public hearing and we would also circulate  
20 them to the board.

21 CHAIRPERSON ZECH: Okay.

22 MR. WOLFSON: We would close the hearing at  
23 this point.

24 CHAIRPERSON ZECH: Because we wish to apply  
25 for this by June 1st so we need to close this hearing

1 today?

2 MR. WOLFSON: Correct.

3 CHAIRPERSON ZECH: Can I have a motion to  
4 close the public hearing, please?

5 SECRETARY HENDRIX: So moved.

6 DR. WALKER-GRIFFEA: Second.

7 CHAIRPERSON ZECH: Thank you, Mr. Hendrix.  
8 And Dr. Walker-Grifflea. All in favor of closing the  
9 public hearing signify by saying aye.

10 ALL: Aye.

11 CHAIRPERSON ZECH: Any opposed? Motion  
12 carries. Any further action on this, Mr. Wolfson?

13 MR. WOLFSON: No, Mr. Chairman this public  
14 hearing is closed. We can move to the next item on the  
15 agenda.

16 CHAIRPERSON ZECH: Okay. Our second public  
17 hearing is a public hearing regarding Wastewater  
18 Conveyance System fiscal year 2022 State Revolving Fund  
19 project. It's item 2021-204 on our agenda. And  
20 Ms. Bateson and Mr. King, would you help us with this as  
21 well?

22 MS. BATESON: Again while Todd is preparing  
23 his presentation Kim Garland our reporting compliance  
24 manager will give you the highlights of the finance plan  
25 for this project.



1 CHAIRPERSON ZECH: Thank you, Ms. Bateson.  
2 Ms. Garland, would you like to go?

3 MS. GARLAND: Thank you. This project is  
4 our second Clean Water Revolving Fund project that we  
5 hope to submit to the state for June 1st for  
6 consideration in the fiscal year 2022 funding program.  
7 This current project is an estimated cost of 10.6  
8 million dollars and if funded through CWRP monies, we  
9 could save an estimated 4.5 million in comparison to  
10 similar open market bond issues. It is worth noting  
11 that the interest rates offered through the state  
12 currently are at 1.875 percent versus the market average  
13 of approximately 3.5 percent. And with that I will turn  
14 it over to Mr. Todd King.

15 CHAIRPERSON ZECH: Thank you. Mr. King,  
16 you're up.

17 MR. KING: All right. Thank you Mr. Chair.  
18 My screen showing up here?

19 CHAIRPERSON ZECH: Yes.

20 MR. KING: All right. Very good. So with  
21 respect to the -- this is -- this project is focused on  
22 the in-system storage devices and valve remote gate  
23 improvements throughout the collection system on the  
24 sanitary side of things and today I'll talk through what  
25 the overview of the background information, the site

1 locations for these important pieces of our collection  
2 system, and how they're important for managing the flow  
3 from the collection system to the various components of  
4 our system, which are basically the outfalls, the CSO  
5 retention treatment facilities, and of course the water  
6 resources recovery facility. I'll talk a little bit  
7 about the existing conditions of these devices and I'll  
8 use two terms to mainly describe the work. One is the  
9 in-system storage devices or ISDs and what these are are  
10 basically big balloons that sit in the inside the --  
11 inside the pipe and what happens is during a storm event  
12 the big balloon is blown up with a blower it and it  
13 basically holds back the flow and only allows a portion  
14 of that flow to continue. And what the net impact is it  
15 allows the smaller storms to be totally contained within  
16 the sewer system as in-system storage and as that flow  
17 gets higher, the system automatically drops that balloon  
18 down to pass more and more flow to prevent upstream, you  
19 know, unacceptable basement backups or unacceptable  
20 hydraulic grade lines and so the system automatically  
21 deflates the valve to pass more and more flow until  
22 essentially the pipe is flowing to full. So if it's a  
23 larger storm, it will deflate and then pass that flow on  
24 to the -- either to the outfalls, the retention basins  
25 or WRRF.

1           And the valve remote gates are a little  
2 easier to explain. Those are simply gates that divert  
3 flow from one part of the system to the other. And I'll  
4 talk about the improvement alternatives that were  
5 developed, and the engineer's opinion of probable cost  
6 and the recommended alternative and the implementation  
7 schedule. So throughout the system we've got about 16  
8 locations where these inflatable dams are located and  
9 each facility has a little building associated with it  
10 where the electrical system, the blowers, and the  
11 instrumentation are housed; and like I mentioned they're  
12 naturally in a deflated state and then when the storm  
13 hits and the water level starts rising, they will  
14 inflate to hold the water back and then deflate as more  
15 and more capacity is required in order to protect the  
16 upstream portion of the system. And their typical use  
17 is during the smaller storms and that helps us reduce  
18 our overall combined sewage overflows throughout the  
19 system. And this -- these were conceived of about 20  
20 years ago and installed about 20 years ago and have been  
21 -- and basically they're at the end of their design life  
22 and that's why we're have a significant capital project  
23 to bring them back up to snuff. This is also, you know,  
24 quite critical with respect to our wastewater master  
25 plan and regional operating plan and long-term CSO

1 control plan. These are integral devices with respect  
2 to that.

3 With respect to the value remote gates,  
4 again, these are pretty much like they sound gates that  
5 operate based on a Biren Saparia's group and the  
6 system's control center and request from WRRF and the  
7 CSO group in terms of whatever maintenance or loading  
8 issues that might be going on. If a storm is coming  
9 through the area and has differential precipitation,  
10 then these gates can be used to redistribute areas of  
11 the storm to other areas in order to provide storage and  
12 hopefully balance out the system. They are  
13 automatically acu -- excuse me, actuated either  
14 hydraulically or electrically so that systems control  
15 can monitor those; and that in addition with the level  
16 sensors they use that to basically control the overall  
17 flow. They're also used in a maintenance mode so that  
18 we can divert flows in order to maintain the system and  
19 effect repairs. And that's what I wanted to say about  
20 that.

21 Here's a map that shows the location.  
22 They're on our bigger interceptors throughout the  
23 system. The blue dots are the in-system storage devices  
24 or ISDs. The VR gates are basically along NIEA and they  
25 divert flow from NIEA over either to the outfalls up to

1 the Detroit River or down the NIEA. They can also get  
2 intercepted through the Detroit River interceptor as  
3 well based on how the static pipes are configured and  
4 there's some other ones over here as well.

5 Here's some pictures of the in-system  
6 storage device. What you're looking at is this, if you  
7 can see my cursor, these are the stainless steel  
8 hold-downs that affects this big black balloon. It's  
9 basically the in-system storage device. Here you see  
10 the blowers and some of the control bells and  
11 instrumentation associated with blowing that thing up  
12 and making sure that it deflates when it's supposed to,  
13 you know, when the water level gets high. There's the  
14 instrumentation along with the control switches and  
15 indicator lights and just another view of one of the,  
16 you know, wear points on the balloons. For me being 20  
17 years old the balloons themselves or the dams themselves  
18 have actually weathered very, very well. Most of the  
19 work is really focused on replacing and repairing the  
20 maintenance side or the mechanical side of things. And  
21 some of the instrumentation stuff with the actuator  
22 belts. Some of them the dams did get a little bit of or  
23 do have a little bit of leakage or I think there was one  
24 that had an actual tear but for the most part it's --  
25 for 20 years old it's done a good job and the type of

1 service that it's been in.

2 For the VR gates it's basically, you know,  
3 they -- again, this is hard service for these -- this  
4 equipment. So they've -- they basically just need an  
5 upgrade and some of the ancillary actuators and  
6 appurtenances like the hatches and the conduits just  
7 need a refresh here.

8 So the project team, which was Applied  
9 Sciences is the consultant that's working with us here.  
10 They came up with three alternatives. Again, a no  
11 action alternative, which would ultimately result in the  
12 loss of our ability to provide in-system storage during  
13 smaller storms and divert flow so that obviously isn't  
14 going to go very far in terms of helping us, you know,  
15 overall operate and maintain the system. Alternative  
16 two is to rehabilitate the components that have worn out  
17 and just bring them back up to their original design.  
18 And then alternative three would be a wholesale full  
19 replacement. So the basic project is in the range of 8  
20 million to the 31 million. Based on the type of wear  
21 and tear we saw we think we are well served by going  
22 with alternative two for the 8 million dollar  
23 rehabilitation.

24 And then here's some additional financial  
25 information to bring it into a total present worth and

1 equivalent annual cost but, again, the alternative one  
2 the no action basically shows the lowest totals present  
3 worth, however, we would be losing that functionality  
4 within the system so that's why alternative one was  
5 deleted.

6 Overall the recommendations for alternative  
7 two, the recommended alternative are to restore the  
8 in-system storage devices using some urethane grouting  
9 that had shown water damage, replace the regenerative  
10 blowers with an improved make and model. Rehabilitate  
11 the inflatable dams. Replace the anchor bolts and  
12 wherever there's air leaks seal those up. Replace the  
13 electrical actuators basically in-kind. Replace check  
14 valves as necessary, and then upgrade some of the  
15 support function in the buildings in terms of heaters,  
16 ventilation systems, and sump pumps to get those back  
17 into full operating condition. For the value remote  
18 gates it's mainly rehab of the slide gates. Replace the  
19 hardware and all the appurtenances associated with that,  
20 clean them off, replace the hydraulic/electric  
21 actuators, upgrade the transducers and transmitters.  
22 Those are basically the level sensors that tell us how  
23 high the water is and control the -- allow systems  
24 control to decide where to move water to within the  
25 system. Rehab and replace the broken access hatches and

1 remove the abandoned equipment from the control  
2 chambers.

3 Overall project got underway earlier this  
4 year and the project plan will go to EGLE on June 1st.  
5 We've secured ASI last year or actually two years ago  
6 but there was quite a study phase and condition  
7 assessment phase, so that's kind of -- that and COVID --  
8 is resulting in us just getting ready to start a phase  
9 one construction at the end of this year and then the  
10 subsequent work getting done through 2022 and 2023.  
11 With that I'll take any questions.

12 CHAIRPERSON ZECH: Thank you, Mr. King. Are  
13 there any questions from members of the board for  
14 Mr. King? Okay Mr. Baker, go ahead.

15 MR. BAKER: Yeah I guess a good project.  
16 We're looking to do something similar in our eight and a  
17 half drainage system as well. Todd, do we have any  
18 sense of quantity of volume that we're able to retain  
19 and prevent from the outfalls or the CSO facilities with  
20 these devices?

21 MR. KING: I couldn't hazard a guess as to  
22 what -- basically, what this system does is allows us to  
23 capture those smaller storms and to maximize, you know,  
24 kind of the installed infrastructure that we already  
25 have, so I can't -- it's a modeling question that I'm



1 sure we'll answer as part of the long-term CSO control  
2 plan, but I couldn't honestly give you even a ballpark  
3 number at this stage.

4 MR. BAKER: Yeah, I'm just curious on what  
5 the cost benefit analysis was. I assumed it was  
6 probably done 20 years ago when they were put in whether  
7 it's, you know, a percent reduction. Curious if we can  
8 do that, but I guess to Nickie. Nickie, are these --  
9 these are CSO related devices, are these the (inaudible)  
10 or are they 8317? And if you don't know, if you could  
11 just let me know.

12 MS. BATESON: So I'm not if Suzanne Coffey  
13 wanted to comment on this on the cost allocation as  
14 we're reviewing CSO facilities or we can follow-up  
15 later.

16 MR. WOLFSON: Why don't we follow-up.

17 MS. BATESON: Okay.

18 CHAIRPERSON ZECH: Are there any questions  
19 to Mr. King? I thought I heard Mr. Brown.

20 MR. BROWN: Yeah, I'm just curious as to how  
21 much of the system (inaudible) automated? I think I  
22 understand that it does not take a person to go to any  
23 of the 60 sites and turn on or off a switch. That's all  
24 done by systems control so someone is monitoring all 60  
25 of these sites (inaudible) but I guess my question,

1 Todd, is this really truly an automated system or does  
2 it require a human being to actually recognize some  
3 activity? And since they're smaller storms I'm just not  
4 understanding how much attention is really being paid  
5 to, you know, the routine smaller storms?

6 MR. KING: Yes. So with respect to the  
7 in-system storage devices, the dams, due to the speed at  
8 which, you know, the storm can hit and the water levels  
9 will rise and the need to drop that dam to protect the  
10 upstream system, that is truly automated. There is no  
11 operator intervention on the ISDs, so those are truly  
12 automated. The VRs are remotely operated but those are,  
13 you know, basically there's human beings making  
14 decisions on the VRs. So does that answer your  
15 question?

16 MR. BROWN: Yeah pretty much. So there's  
17 traffic controllers, they're operating (inaudible) okay.  
18 I'm interested also in whether or not (inaudible) 8317  
19 (inaudible). I think I said this (inaudible) that it  
20 would be great if I could get a dollar amount that we're  
21 investing in Detroit asset (inaudible). For me this  
22 isn't just a great story (inaudible) when I can  
23 aggregate the dollars that the (inaudible) is spending,  
24 also with the dollars (inaudible) gives a true picture  
25 of the amount of investment that's going on (inaudible)

1 in the system and this couldn't be done without this  
2 regional authority in place, so I look forward maybe at  
3 the next (inaudible) to being able to see (inaudible).

4 CHAIRPERSON ZECH: Are there any other  
5 questions for Mr. King from the board? Okay.

6 Mr. Wolfson, do we have any written comments from the  
7 public relative to this project?

8 MR. WOLFSON: Mr. Chairman, we do not have  
9 any written comments from the public relative to this  
10 question. This would be the opportunity for members of  
11 the public who wish to address the board to indicate so  
12 by pressing star 9 on their telephones.

13 CHAIRPERSON ZECH: If you'd like to speak,  
14 please press star 9 so Mr. Wolfson can recognize you.

15 MR. WOLFSON: Yeah, Mr. Chairman, I do not  
16 see any members of the public so you can make a final  
17 call.

18 CHAIRPERSON ZECH: Okay. Considering that  
19 we want to submit this project to EGLE by the 1st of  
20 June can I get a motion please to close this public  
21 hearing unless there's comments that the board would  
22 like to make?

23 MR. WOLFSON: If I could, Mr. Chair, on one  
24 final -- if there is a member of the public who wishes  
25 to submit written comments before 5 p.m. today, they can

1 do those by sending them to Mr. Daniel T. Edwards.

2 That's Daniel.Edwards@GLwater.org.

3 CHAIRPERSON ZECH: Thank you, Mr. Wolfson.

4 Anything final from the members of the board?

5 Therefore, can I get a motion to close this public

6 hearing so we can move on?

7 DR. WALKER-GRIFFEA: So moved.

8 MR. BROWN: Second.

9 CHAIRPERSON ZECH: Thank you

10 Dr. Walker-Griffea. Thank you. All those in favor

11 signify by saying aye.

12 ALL: Aye.

13 CHAIRPERSON ZECH: Opposed, same sign?

14 Motion passes unanimously to close the public hearing.

15 And we will move on to just public comment in general.

16 (Item 7 removed as no public comment

17 regarding Items 6A and B. Item 8 removed as not

18 requested. Requested portion continues as follows

19 starting with Item 10.)

20 CHAIRPERSON ZECH: Okay item B. 2021-191.

21 Resolution to adopt the Connors Creek Sewer System

22 rehabilitation project fiscal year 2022 Clean Water

23 Revolving Fund Project Plan. Ms. Bateson and Mr. King

24 would you get us started on this?

25 MS. BATESON: Yes. Good afternoon,

1 Directors. This is the companion to the public hearing  
2 earlier today. This resolution was presented to the  
3 audit committee this past Friday and was recommended for  
4 approval so that we can proceed with the funding for the  
5 project as discussed earlier.

6 CHAIRPERSON ZECH: Are there any questions  
7 for Ms. Bateson or Mr. King on this matter? Hearing  
8 none what is the board's pleasure regarding this item?

9 VICE CHAIRPERSON QUADROZZI: I will make a  
10 motion to approve.

11 CHAIRPERSON ZECH: Thank you, Director  
12 Quadrozzi. Is there support to the motion?

13 MR. BROWN: Second.

14 CHAIRPERSON ZECH: Thank you, Mr. Brown.  
15 It's been moved and supported to approve this resolution  
16 regarding the Connors Creek Sewer System rehabilitation  
17 project. All in favor signify by saying aye.

18 ALL: Aye.

19 CHAIRPERSON ZECH: Opposed same sign? Thank  
20 you. It passes unanimously. Well done.

21 Okay. Item C resolution to adopt the  
22 in-system storage device and dam remote and valve remote  
23 evaluation and rehabilitation project fiscal year 2022,  
24 Clean Water Revolving Fund Project Plan. Ms. Bateson  
25 and Mr. King.

1 MS. BATESON: Good afternoon. Nicolette  
2 Bateson Chief Financial Officer related to item  
3 2021-192. This is also the companion requested action  
4 to adopt the resolution that aligns with the public  
5 hearing on the same project earlier today. So that we  
6 may proceed with the first formal step in the financing,  
7 which is submitting the plan. I should also note that  
8 the audit committee recommended this and the reason why  
9 we have this on the board's agenda rather than the  
10 consent agenda is because this is an initial step moving  
11 towards a financing, which requires five of six votes of  
12 the board to issue debt. So hence it being on your  
13 agenda for consideration by the whole board today.

14 CHAIRPERSON ZECH: Are there any questions  
15 for Ms. Bateson from the board regarding this  
16 recommendation from the administration? Hearing none  
17 what is the board's pleasure regarding this proposal?

18 VICE CHAIRPERSON QUADROZZI: I'll move  
19 approval.

20 CHAIRPERSON ZECH: Thank you, Ms. Quadrozzi.  
21 Is there support to the motion?

22 MR. BROWN: Second.

23 CHAIRPERSON ZECH: Thank you. I missed who  
24 the seconder was; was it Mr. Brown? Mr. Brown, thank  
25 you. Okay. All those in favor of approving this

1 recommendation signify by saying aye.

2 ALL: Aye.

3 CHAIRMAN ZECH: Opposed same sign? Hearing  
4 none the motion passes unanimously. Thank you. Item D  
5 --

6 MR. WOLFSON: Mr. Chairman, before we move  
7 on, we'd like to thank our court reporter for assisting  
8 in the public hearing and the adoption.

9 CHAIRPERSON ZECH: Okay.

10 (Requested portion of hearing concluded at  
11 3:01 p.m.)

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1 STATE OF MICHIGAN )

2 )

3 COUNTY OF WASHTENAW )

4

5 CERTIFICATE OF NOTARY PUBLIC AND COURT REPORTER

6 I, Caitlyn Hartley, do hereby certify that the  
7 foregoing requested portion of this public hearing was  
8 duly recorded by me stenographically and by me later  
9 reduced to typewritten form by means of computer-aided  
10 transcription; and I certify that this is a true and  
11 correct transcript of my stenographic notes so taken.

12 I further certify that I am neither of counsel to  
13 either party nor interested in the event of this cause.

14

15

16



17 Caitlyn Hartley, RPR, CSR-8887

18

Notary Public,

19

Washtenaw County, Michigan

20

My Commission expires: August 15, 2021

21

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