



SOUTH GRANVILLE WATER AND SEWER AUTHORITY

BOARD OF DIRECTORS MEETING

October 14, 2025

MEETING START TIME: 6:00 P.M.

LOCATION: Butner Town Hall Council Chambers

**THIS PUBLIC MEETING IS NOT AVAILABLE REMOTELY.
HOWEVER, IT WILL BE RECORDED AND AVAILABLE TO
THE PUBLIC VIA THE SGWASA WEBSITE
FOLLOWING THE MEETING.**



Board of Directors Meeting – October 14, 2025, 6:00 pm
Meeting Agenda

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1.	Call to Order/Welcome Jimmy Gooch, Granville County Board Member/SGWASA Board Chair	
2.	Roll Call Krystle Lee, Board Secretary	
3.	Invocation Vicky Daniels, Butner Councilperson	
4.	Pledge of Allegiance Jimmy Gooch, Granville County Board Member/SGWASA Board Chair	
5.	Adjustments/Approval of the Meeting Agenda	
6.	Review of the September 9, 2025 Board Meeting Minutes	4-18
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9.	Series Resolution, authorizing the financing terms for and the issuance of a Water and Sewer System Revenue Bond Anticipation Note, Series 2025 (the “BAN”) for the I-85 Sanitary Sewer Improvement Project	22 -52
10.	Contract Award for I-85 Sanitary Sewer Improvements, Construction Package 2	53-66
11.	Post Filter PFAS Treatment System Directed Projects Grant \$5M Resolution by Governing Body of Recipient & Agreement Between the South Granville Water And Sewer Authority and CDM Smith for Preliminary and Final Design of a Post Filter PFAS Treatment System at the SGWASA Water Treatment Plant in an amount not to exceed \$3,209,800.	67-94
12.	North Carolina Department of Environmental Quality (NCDEQ) Water Treatment Plant Master Plan Asset Inventory Assessment (AIA) Program Grant – Resolution of Acceptance	95-100
13.	Purchase Valve Exercise Machine for Utilities Department	101-107
14.	Request to Purchase Two New Sanitary Sewer Bypass Pumps from Sunbelt Rentals, Inc of Wake Forest, NC.	108-114
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16.	Purchase of 2025 Caterpillar 304 Mini Excavator for Utilities Department	124-131

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Review & Approval of Minutes: September 9, 2025 Board Meeting



**South Granville Water and Sewer Authority
Regular Monthly Board of Directors Meeting
September 09, 2025 at 6:00 p.m.**

Meeting Minutes

1. Call to Order and Welcome

Commissioner Jimmy Gooch, SGWASA Chair, called the meeting into session at 6:00 p.m.

2. SGWASA Board of Directors – Oath of Office:

Background: Attorney James Wrenn performed the swearing-in of the following Board Members.

- Russ May, Granville County Commissioner
 - (Fulfilling unexpired term of Commissioner Tim Karan ending November 2026)

3. Roll Call

Krystle Lee, Board Secretary/PIO

Board Members Present:

Granville County: Commissioner Jimmy Gooch, Chair, Commissioner Russ May

City of Creedmoor: Commissioner Robert Way, Commissioner Georgana Kicinski

Town of Butner: Councilperson Vicky Daniels

Town of Stem: Commissioner Kenneth McLamb

Board Members Absent:

Town of Butner: Vacant Seat

Officials Present:

Scott N. Schroyer, Executive Director

Chris Summerlin, Assistant Executive Director

Richard Balmer, Finance Director/Board Treasurer

Krystle Lee, Public Information Officer/Board Secretary/Webmaster

James Wrenn, Attorney

4. Invocation

Commissioner Jimmy Gooch, Chair

5. Pledge of Allegiance

Commissioner Robert Way

6. Adjustments/Approval of the Meeting Agenda

Brief Description: Commissioner Jimmy Gooch, Chair, asked the Board members if there were any adjustments to the Meeting Agenda as presented. None were presented.

Board Action: A motion to approve the [September 9, 2025, Regular Board Meeting Agenda](#) was made by Commissioner Kenneth McLamb and seconded by Councilperson Vicky Daniels. The motion passed unanimously (6 votes in favor).

7. Review & Approval of Minutes

Brief Description: Commissioner Jimmy Gooch, Chair asked Board members if there were any adjustments to the [August 2025 Meeting Minutes](#) as presented. No adjustments were made.

Board Action: A motion to approve the August 12, 2025, Regular Board Meeting Minutes was made by Commissioner Robert Way and seconded by Councilperson Vicky Daniels. The motion passed unanimously (6 votes in favor).

8. Public Comments

Mr. Ed Gleason, Creedmoor, NC: Gleason congratulated Commissioner Russ May on his new SGWASA Board position and shared his thoughts on planning and strategic thinking. He expressed concerns about the recent Finance Committee meeting and the impact of priorities on the City of Creedmoor, emphasizing the importance of planning for the future and the potential impact of sewer capacity on the city's growth.

9. Board Discussion Items

Brief Description: Prior to each month's regularly scheduled Board meeting, the Board Secretary surveys the Board members to inquire if they have any discussion topics for the upcoming Board meeting. The following are the responses received for discussion items.

Commissioner Robert Way: None.

Commissioner Kenneth McLamb: None.

Councilperson Vicky Daniels: [Finance Committee Meeting](#) overview.

Commissioner Russ May: None.

Councilperson Judy Cheek: None.

Commissioner Georgana Kicinski, Vice-Chair: None.

Commissioner Jimmy Gooch, Chair: None.

Discussion:

Councilperson Vicky Daniels: I would like to offer some insight on some of the items that we discussed at the recent Finance Committee meeting. First thing we talked about was our debt summary, and I thought that was a good overview. The other thing I want to mention is that we talked about our goals for the completing the I-85 Sanitary Sewer Project, including the Northern Interceptor funding that we must consider. We also have the PFAS mitigation construction that is going to cost a lot. We are considering a loan from the Department of Environmental Quality in the amount of \$26,000,000 for 20 years, at 4% interest. And you might see where I am going

with this. And then you have our fund balance that we talked a lot about, because that is important, because we have contributed some of our fund balance from to these projects already.

I know in previous years, we even helped the salaries of our employees to offset, to keep the rate payers not having to be increased in the water bill. The main thing I thought we really did well at was talking about how we get a loan with a low interest rate, and if you expand it out, you know that is going to lessen your payment, but if you have a smaller loan, term wise, lower term, you are going to have a bigger payment. And so, with these projects, we must do a balancing act and maybe see how much we can use of the fund balance, and that it is good to know that we do have fund balance. We are not wealthy, but it is an advantage where we can contribute to some of the loans. So, I thought that was beneficial.

Also, I want to mention, in our debt service between 2026 and 2032- that it is going to be peak years for our debt service, and I think that is why we are working so hard to look at all the different options that we may have. So, I thought that it was good that we exchanged those ideas. So, we are trying to do a lot of things to keep our water clean and trying to improve our projects for the efficiency of the wastewater treatment and the water utility system. And if we proceed with both loans, total annual debt service could exceed \$2.3 million in peak years. And so that is why the Finance Committee, working together, we can carefully weigh the fund balance usage and timing of each project. This is the beginning, that last meeting was a good start to what we can plan for the future. We got some positive things because we will have growth. We will have some System Development Fees. I mean, that is not going to cover by no means the whole project, but it will be helpful.

Commissioner Kenneth McLamb: We have a lot to look into for the next meeting until then, and as Ed brought up just a minute ago, we have a lot of planning to do.

Commissioner Jimmy Gooch, Chair: We have done a considerable amount of planning, and a lot of it revolves around debt coming off and new debt coming on. And there is a considerable amount of planning of the timing of the I-85 project because we had a limited time in which to use some of the grant funds, because it was ARPA funding; and that had to be spent by 2026. I think Scott, Richard, and staff have done a good job of laying things out where we had the opportunity to basically replace a good portion of the debt. When old debt comes off, new comes on, without having a tremendous amount of impact. But then, you know, we have the PFAS, and we do not know how much funding we are going to get from the state or federal government for that. We have been applying for grants, and it is one of those things we just must work our way through and do it methodically. We cannot have somebody demanding something today, because if you demand it today, and we delivered today, there is a price that comes with that.

Commissioner Georgana Kicinski, Vice-Chair: If we do not wait and do this the right way, the effect is going to be hard on our rate payers, and that is what we are trying to avoid. We are trying to find the best system at the best price at the right time. And I have been on the Finance Committee for six years, and the Executive Director and Finance Director from the very beginning had worked, and this is before PFAS. This was just with the I-85 Sanitary Sewer Improvement Project. We worked with when debt rolls off and the new debt comes on for the sanitary sewer project, we had timed that out; and then PFAS came along and has added another layer of expense, which we are estimating is \$26 million at this time. Spread \$26 million over 5,000 customers. It is bad. It is bad. So, we are going to work as hard as we can to try and get some funds to offset that debt.

Maybe we will find a system that might not cost that much. There is new technology every day, and I am hopeful that we can find something that will work for everybody to filter out the PFAS and maybe not be that expensive, but we do not know, and there is a lot of unknowns; so to rush this Board and say we want PFAS filters now... that is just not practical for the rate payers.

Kenneth? I think we figured out it was like an 85% increase we would have to deal with, and we do not want to do that to you. So, the reason we are going with the guidelines given to us by the federal government is because we are trying to find the best way to balance all these things. And believe me, like Vicky said, it is a balancing act, and it is a lot of stuff that is coming, and we have not even added the lead and copper plan yet, program yet, and we don't know what is coming down the pipe next. So, bear with us. We are working very hard. These are these are high numbers, and to try and balance it all out, the best way that we can do is a project.

Russ, I know that this is a little overwhelming for your first meeting, but it takes a long time to learn all the nuances of SGWASA. It just does not come to you on the first meeting. Robert and I can tell you ourselves that Vicki has been on this Board, off this Board, on this Board, and it is always a learning experience. And you cannot just walk onto the Board and say, I know everything about it. There is a reason the County kept Tim on this Board as long as they did, because it is not just a rotation. You must learn it, and then you must live it. So please understand that we are doing everything we can to do this the right way. We are not stalling, as we have been accused of.

Commissioner Russ May: I have been attending SGWASA meetings now for four years. I attended most of meetings the last year. A lot of challenges, lot of challenges to the rate payer. So, I am going to spend my early time on this Board, focusing on learning, but also understanding that PFAS is not unique to Granville County. PFAS is not unique to SGWASA. PFAS has impacted systems throughout North Carolina. So, the challenge is, on top of wanting to make the appropriate remedies and bringing it about, is that your challenged with also competing for others that are have similar issues (and some even to a larger magnitude). There is competing interests, it requires a lot of research and time to make sure you get it right. I would rather see this Board move methodically and get it right, than rapidly and miss the mark. I have a lot to learn, and so I will just hold the comments to there. I look forward to the challenges. I look forward to working with each of you, but there is no easy solution to the problems that really came about decades ago.

You must understand the history. And some of it I know reasonably well, and some I do not; but you must understand the history of how we got to where we are. And it is very cavalier to hear some of the comments that are made about what goes on. I think I am going to hold some further comments for when I know more. The Scripture tells us that sometimes a wise man remains silent.

10. FY25-26 Sanitary Sewer Cleaning and Televising

In accordance with its North Carolina Department of Environmental Quality (DEQ) Annual Operating Permit, the South Granville Water and Sewer Authority (SGWASA) must clean and inspect at least 10%—equating to approximately 11.4 miles—of its 114-mile wastewater collection system each year. The U.S. Environmental Protection Agency underscores that such activities are critical to maintaining a properly functioning wastewater system and represent a community's reinvestment into essential infrastructure.

SGWASA's FY2025–26 Approved Budget allocates \$170,000 for sanitary sewer cleaning and televising. To fulfill this requirement, SGWASA issued a Request for Proposals (RFP) in August 2025 for a two-year program covering FY2025–26 and FY2026–27. Proposals were opened on August 22, 2025.

Executive Director's Recommendation: The SGWASA Board (i) approve a unit-cost contract with Vision NC, LLC for the FY25-26 Sanitary Sewer Cleaning and Televising program for the not-to-exceed amount of \$170,000; (ii) allow the Executive Director, SGWASA Attorney, and Finance Director to finalize and execute a contract with Vision NC, LLC.

Discussion:

Commissioner Kenneth McLamb: Have we used this company before?

Assistant Executive Director Chris Summerlin: Yes. So, we are currently using vision NC, and they came up as the lowest bidder.

Commissioner Robert Way: Vision NC is a local company. They employ local people for local jobs. I think it is a great thing to have somebody you can reach out to at any time. I see that we have the pricing for this year and for next year. Is there anything that keeps us from entering a contract with a company that we have already approved on several other occasions to do this exact work? If we enter a two-year contract with them since we already have pricing available?

Assistant Executive Director Chris Summerlin: I believe we might have the option to extend the contracts beyond the scope here.

Executive Director Scott Schroyer: So, we started developing several years ago, this two-year contract approach, saying we would like to get pricing for two years; based on the contractor's performance, if you do well and we have your costs, we will entertain the idea of recommending you for a second contract. Now we only award for one year in time, because that is what our approved budget is. We don't create a two-year contract, knowing that there is no budget officially approved to support that contract, at this point. I believe in the past, our attorney has said, just make it a one-year contract to fit within your existing fiscal year, and then as you look at their performance, if you want to make a recommendation for a second year, and you have the budget for it, then we can move forward with a second contract performance period. Jim, would you like to add anything to that?

Attorney Wrenn: No, I think it gives us optionality of either doing it under a one-year contract or a two-year contract. If it is approved in the budget. I am not clear if the question is, should we look at doing it even more than two years? Is that what you were suggesting?

Commissioner Robert Way: No. I am fine with the two years, it appears- at least the time I have been on the Board, we have had the same pricing for the most part of the \$170,000 for this service. And I believe Vision NC has been selected on more than one occasion as our provider at least every year that I have been on the Board. So, that establishes that they have done a good job, or we would not keep approving them to come back and do it again. And so, I was just looking that based on history and precedence that has been set of what we keep approving year after year, if we could just go with the two-year contract so that way we could just move forward. But I see your point, and I am fine with either way. I'm just trying to figure out if it was something a little bit easier to go instead of year after year, because we are asking for two years of pricing anyway.

Attorney Wrenn: And I would also defer to Richard on this, that if we are doing a two-year contract performance over multiple years, we would probably need to do a continuing budget

resolution, and that type of thing, to encumber the funds over to the two different budget years, which is a little bit different approach. In any event, this seems like a good approach.

Commissioner Georgana Kicinski, Vice-Chair: So, when will this be done? If we approve it tonight, when will this be done?

Assistant Executive Director Chris Summerlin: We would award the contract after the meeting.

Commissioner Georgana Kicinski, Vice-Chair: Okay. And do we have any idea when they can start doing this?

Assistant Executive Director Chris Summerlin: I do not currently. This is something that they do on an annual basis, so it depends on the needs that we have sometimes, sometimes if we get sanitary sewer overflows, backups, stuff like that, we can call them out to look at certain sections of line. But generally, it is scheduled work.

Executive Director Scott Schroyer: Commissioner, they are ready to go. We have a list of sections already designed this year that need to be done as far as the maintenance goes.

Commissioner Georgana Kicinski, Vice-Chair: So, barring any issues, how long does it take them to do 11 miles? Six months, eight months?

Executive Director Scott Schroyer: We usually do it over the course of the year because it depends on their schedule, but I think that 90 days total is about what we can do. As far as accomplishing and televising and the cleaning, we must clean it first, obviously. So, we do the televising work, and there are some sections the question has been asked in the past.

Are we televising and cleaning different lines every year? Yes, the majority are different or newer sections, so that over the course of 10 years we will have completed 100% of the sewer system evaluation. Now, there are some sections that are trouble sections that we go back to on an annual basis as part of this maintenance/inspection program.

Commissioner Georgana Kicinski, Vice-Chair: But this also helps us spot any troubled areas that we might have while they are doing it.

Executive Director Scott Schroyer: That is correct. And it shows the conditions of pipelines to help us develop our own programs for repairs and maintenance.

Executive Director's Recommendation: The SGWASA Board (i) approve a unit-cost contract with Vision NC, LLC for the FY25-26 Sanitary Sewer Cleaning and Televising program for the not-to-exceed amount of \$170,000; (ii) allow the Executive Director, SGWASA Attorney, and Finance Director to finalize and execute a contract with Vision NC, LLC.

Board Action: A motion to approve a unit-cost contract with Vision NC, LLC for the FY25-26 Sanitary Sewer Cleaning and Televising program for the not-to-exceed amount of \$170,000; (ii) allow the Executive Director, SGWASA Attorney, and Finance Director to finalize and execute a contract with Vision NC, LLC was made by Councilperson Vicky Daniels and seconded by Commissioner Robert Way. The motion passed unanimously (6 votes in favor).

11. Resolution for FY24-25 Local Government Commission (LGC) Application for USDA Bond Issuance

Finance Director Richard Balmer presented a resolution seeking the Board's approval to authorize management to submit a Local Government Commission (LGC) application for the issuance of \$35 million in Revenue Bonds and related Bond Anticipation Notes (BANs) for

interim financing associated with the I-85 Sanitary Sewer Improvement Project. This financing supports the portion of the project that exceeds the \$35 million DEQ ARPA grant previously awarded. The USDA loan and resulting Revenue Bonds are necessary to fully fund construction, and the LGC's approval is required to move forward. SGWASA previously selected McGuireWoods LLP, led by Bond Counsel Mary Nash Rusher, to assist with bond preparation and compliance.

The LGC Financing Application was submitted on August 27, 2025, to ensure inclusion on the Commission's October 2025 meeting agenda. Approval of the resolution authorizes the SGWASA Chair and Secretary to execute the necessary documents, which will be provided to the LGC to advance the application process. A \$1,250 application fee was submitted utilizing existing budgeted funds, and future amendments will replenish the expenditure. The \$35 million Revenue Bonds, when issued, will amend the existing 2015 USDA Bond Order originally adopted following the acquisition of the City of Creedmoor water and sewer system. The Executive Director and Finance Director recommend adoption of the resolution to maintain project momentum and ensure continued investment in a reliable and sustainable sanitary sewer system.

Executive Director's Recommendation: The Board of Directors adopt the Resolution as required to complete the LGC Application and USDA loan process related to the issuance of the applicable revenue bonds.

Board Action: A motion to adopt the Resolution as required to complete the LGC Application and USDA loan process related to the issuance of the applicable revenue bonds was made by Commissioner Robert Way and seconded by Commissioner Georgana Kicinski, Vice-Chair. The motion passed unanimously (6 votes in favor).

12. Fiscal Year 2025-2026 Budget Amendment #4

Finance Director Richard Balmer presented Budget Amendment No. 4 for Board approval, which realigns funds for the renewal of Brightly Software work order management licenses, appropriates fund balance for the North Carolina Local Government Commission application fee related to the USDA Revenue Bonds for the I-85 Sanitary Sewer Improvement Project, and allocates Capital Improvement Project fund balance for the annual sanitary sewer pipeline inspection services previously presented by the Assistant Executive Director.

Budget Amendment #4

Be it ordained, the FY 2025-2026 Annual Budget Ordinance is hereby amended as follows:

Revenues: Increase / (Decrease)	Amendment/Change	
Transfer from Fund Balance	\$ 171,250	
Total Revenues		\$ 171,250
Expenditures: Increase / (Decrease)		
Administration	\$ (468)	
Engineering	\$ 468	
Utilities: Sewerline Maintenance	\$ 170,000	
Projects and Studies	\$ 1,250	
Total Expenditures		\$ 171,250

Executive Director's Recommendation: The SGWASA Board of Directors approve Budget Amendment #4.

Board Action: A motion to approve Budget Amendment #4 was made by Councilperson Vicky Daniels and seconded by Commissioner Kenneth McLamb. The motion passed unanimously (6 votes in favor).

13. Comments from the Executive Director

Executive Director, Scott N Schroyer: Mr. Chair and Board members. First, I would like to thank Chris and Richard for their presentations this evening, working on the legislative items presented this evening. Thank you, Board members, as well for approving tonight's agenda items. We greatly appreciate that.

A couple things I would like to just add in, especially regarding the [Finance Committee meeting](#) on September 5th. The Finance Committee meeting was about three hours long. That [video](#) for that meeting will be posted this week on our website. I encourage all those in the audience and beyond to look at that. It was a great meeting, for a great overview of all the planning that we are doing and what is ahead of us for our projects. In terms of the PFAS funding, we are preparing to submit our third NC DEQ funding application for the \$26 million PFAS project. We will continue to apply for funding for grants for the PFAS construction projects, even through construction. Additionally, we submitted an application to the NCDEQ earlier this spring for \$500,000 for additional PFAS pilot study and engineering design work.

[We hope to hear from NCDEQ later this month, next month, on whether we will be awarded a half a million dollars for that continuing PFAS project.](#)

14. Comments from SGWASA Attorney: None.

15. Comments from Board Members:

Councilperson Vicky Daniels: None.

Commissioner Robert Way: I know that we are getting into our cooler weather now. Have we heard any delivery date on the project for the chiller replacement at the water treatment plant?

Discussion:

Assistant Executive Director Chris Summerlin: I have not. I have not reached out about that, at the last Board meeting I think we were sitting about somewhere between 14 and 20 weeks, so that would probably take us around 10 to 16 weeks from now. We could not shorten that delivery time, unfortunately.

Commissioner Robert Way: I understand. I am just making sure that nothing has popped up with, you know, supply and demand, parts, and pieces. The other thing would be, at the last meeting we approved for the water treatment plant filter replacement project. Do we have any update on scheduled times or anything?

Assistant Executive Director Chris Summerlin: Yes, a little bit. So, we are looking at the contract now. We are going to get, I remember right, we have some insurance, things that we are going to go through with the company. There are longer lead times for the materials than we anticipated. I think as it stands now, we were looking at about a four-month lead time for that. We have gone back to Hazen and Sawyer to ask the company if there's any ability to shorten the lead times on that, to potentially go to a different vendor, or something like that for the materials.

Commissioner Robert Way: So as of right now, we are probably looking at anticipated start time somewhere after the first of the year?

Assistant Executive Director Chris Summerlin: Yes sir.

Executive Director Scott Schroyer: I was poised to sign the contracts last week, and then we discovered an insurance issue, not on our part but with the vendor. They did not submit the proper paperwork. So, I anticipate signing those contracts this week. The vendor has already issued a PO to the vendor, and to the supplier for the materials for the media. When we heard about the delivery dates being months away, the question that we asked our engineer was, okay, this is a staged project. Let us ensure that we are not looking for bulk delivery of 100% of the materials, because we are not progressing through the project 100% right at the beginning. It is staged, doing one at a time. So, we reached out to them, Chris, I am not sure if you received information from them; but it would be a smaller delivery. That is what we are trying to work on. So, we get the project started quicker, instead of waiting for one delivery at the end. We will keep the Board updated on that as well, and we have a meeting with Hazen, I believe tomorrow. So, we will have an update.

Commissioner Robert Way: And lastly, I know you touched base on what we are doing so far with our PFAS, and Commissioner May said that PFAS definitely is not just a SGWASA problem. It is not a North Carolina problem. It is everywhere. The one thing that has definitely come about is its more forefront now in today's world, and a lot of our surrounding partners and municipalities are doing the same things that we are doing, as far as trying to find what are the best media to clear out the PFAS/PFOS for the end product,- something that was brought forth was what we are currently using. Also, what Cary, North Carolina is using with their process. Is there anything, as far as what CDM Smith can do to reach out to others to see if they are using different types of media than what we are?

Executive Director Scott Schroyer: Sure.

Commissioner Robert Way: Because, as you said, when we started this project... we get to the end of three different medias that we chose to test out, and there is two new ones on the market.

Executive Director Scott Schroyer: As the Board is aware, there are emerging technologies all over the world for PFAS; and more and more chemicals are going to be identified along the way. Eventually PFAS will be part of wastewater. So, get ready for that. Once we get done with water, it is heading to wastewater: we will have to deal with PFAS with that as well. Emerging technologies, great technologies that we have been aware of over the last several months, in the last year for PFAS. There are great discoveries, they just have not made it to market yet. They are patent pending. They have not been developed. They are still in testing. They have not received safe drinking water standards, so even though it is great that it is out there, it just is not to market yet. Okay, if we had 10 years, we would spend seven years evaluating new materials, new markets out there for PFAS. We do not have that luxury. We have a due date of April 2029 to get this done. One of the materials that I have seen, and I am aware of that was mentioned with Cary and the pilot program that they are doing is, I think, believe it is Invicta water.

I want the Board to know that, starting in June of 2024, we have been investing in information and technology and pilot discussions within Invicta, and the president of the company. In fact, we, last fall, did a tour of a facility in a community that is doing the same thing, to find out more. We have worked with CDM Smith, our engineering partners, on PFAS, to look at that technology, and we're moving in that same direction to analyze that. Unfortunately, that company falls into that same category as emerging technology. They are doing more large-scale pilot programs, which is fantastic. So, one of the things that I have talked to the Board about for the last couple of years with these emerging PFAS technologies is when it comes to planning and execution, you must hit that target EPA due date of PFAS reduction in April 2029. You must be successful with that. You cannot wait. What we are doing is, through our [pilot program](#) that we did this last year, funded by a state grant for \$500,000 is we are looking at current technologies that can be put into use now, so that we can meet that timeline.

We have an opportunity, based on our current capacity at our water plant, to look at potentially treating the amount of water that we are putting out per day's quantity with a PFAS reduction technology, one; and at the same time, because we are not using all the water that we can push through the plant, if you will, look at additional technologies. So, over the course of the next 10 years, for example, as we are meeting the deadline in 2029 for PFAS, there is also an opportunity to look at other emerging technologies to see how cost effectively they might be used to be added to the technology we are already going to have in place. So, that is our approach. It is a lot of planning for us. We have a due date. We cannot let that slip. We are not going to let that slip, but we are aware of that, and we are working on that and made aware of those technologies as well.

I just want to impress upon the Board. As we said from the beginning, we are going to be monitoring this. We are going to make sure that we are looking at this, and if there is a way to find a better product, more cost effective and beneficial, both on the capital investment as well as the operational investment- that is what we are going to do, and that is how we are going to proceed.

At this point we continue to be on-pace with these other larger water utilities, and we have been doing that from the beginning. I am pleased with where we are, and we continue to move forward. Our greatest challenge now is the funding of this because we cannot wait five years to figure out how to fund this. We are marching down that pathway now. Hence the reason for our meeting on September 5th, and that really laid the groundwork for a great overview of priorities

that we have and regulatory priorities that we must meet. And as we continue to have these meetings, it will come into focus what this funding is and what the costs are to the organizations and the rate payers. We do not have that information now that is going to be developed, and I think it is well timed, because we are going to get this engineering design work done over the course of the next several months, and then we go to construction. So, it is upon us. I know that was a lot of words, but I hope that was a lot of information for the Board.

Commissioner Robert Way: I appreciate the detailed response and the follow-up. I just wanted to make sure that I am making my notes... the current medias that we are using, are the improved, tried, and true, so far, working methods?

Executive Director Scott Schroyer: That is correct.

Commissioner Robert Way: The Invicta sources that SGWASA has engaged with since 2024 and speaking with them is emerging technology, and it has great results, but however, has not been approved for use as a media to filter out PFAS and approved and as a solution.

Executive Director Scott Schroyer: Correct. We also have information, and we are working with them (Invicta) on doing a pilot program here at SGWASA.

Commissioner Jimmy Gooch, Chair: I think if you go to the Invicta website, go through that and study the company, what I found is that they are a startup company. And the deal with Cary is probably their biggest to date, and Cary is going to do testing with Invicta to see if they want to do a pilot study. So, they are not doing a pilot testing now. They are just doing testing to see if they want to take the next step, to go to a pilot study, and then move forward from there. And the biggest unit I saw that Invicta had was, I think, 1.5 million gallons per day.

Now they claim they can tie units together to reach any level, but it has not happened yet. So, you know, we hope they found the magic bullet. I hope they have found the magic bullet. But it is yet to be proven technology. So, we will keep a close watch on it. You know, we are currently doing, what, three, three and a half, eight gallons a day?

Executive Director Scott Schroyer: Yes, sometimes we max up to four million gallons per day. We are permitted at the water plant for 7.5 MGD. So, it gives you an idea of what the balance is right now that we are not pushing through the plant.

Commissioner Russ May: Some of what they are working on now is half the capacity of what we are actually finishing, at this point.

Executive Director Scott Schroyer: They are 1.5 MGD units is what they have. And they would need to link units together eventually to meet the demand that we would have.

Commissioner Jimmy Gooch, Chair: And I think that's the problem Cary is running into. The reason they are going to do testing to see if they are going to do a pilot study; because Cary is demand is far higher than ours. Oh, absolutely, yes. But I'm sorry we got into a full range discussion.

Commissioner Robert Way: This is information that's out there in the community. It's out there in the public. And these are questions. You know, you can have all the information posted, but I would like to have feedback on what is tried and true, what is working, what is not working. And the other way we can do that is to rely on, or excuse me, rely on information from people that are

experts in the field. And currently, CDM Smith is our expert, and that is why we have the three media that we have chosen to go with this project. And unfortunately, the study that was just mentioned in Cary is something that is just trying to get off the ground.

Commissioner Jimmy Gooch, Chair: Who is the engineering firm doing that?

Commissioner Robert Way: I am not even sure of who it is, yet. I must do some more research,

Commissioner Jimmy Gooch, Chair: Okay, because I read it and I do not remember it; but I know Cary used to use a company that was in Morrisville. They used them almost exclusively for testing,

Commissioner Robert Way: But I appreciate the detailed response, Sir; and looking forward, as I said, to moving as fast as possible. Hopefully, get some more funding from the state of North Carolina to alleviate some of the stresses and pocketbooks of us rate payers.

Commissioner Kenneth McLamb: None.

Commissioner Georgana Kicinski, Vice-Chair: I wanted to talk about the water testing that has been done in Creedmoor for the past six months; and the last round of testing, the Creedmoor Board decided that instead of taking the water of the fire hydrants, which people do not drink out of, we would volunteer our (Commissioners) homes and have the water tested. And I am proud to say that the water test results showed that we met all state and federal regulations. The results showed no inaccuracies, all state and federal regulations were met with that test, so we feel sure that what SGWASA has told us for years. The water sits in the line of the fire hydrant for years until there is a fire and it is not a reliable source for testing for drinking water.

So, I am very satisfied with the results that we got, and we are going to hold off for three months before we do our next round of water testing in Creedmoor. But we are looking for Creedmoor residents, Creedmoor SGWASA customers, who would like to volunteer to have their water tested at their home at no cost to them. And if you are, we have had some people volunteer already, and in three months, we will run that test. But we are looking for five volunteers for each round. And if you want to volunteer, reach out to City Hall or directly to the City Manager and volunteer. We will have a waiver for you to sign, just like we signed, but we are looking for people to volunteer, to let our Pace water testing people come into your house, or they can do it from the outside faucet, if you do not want them in your house; but I would suggest that you do it in your house and see how those results come in. We are trying to help SGWASA find any problems if there are any. And I am so glad that this last round did exactly what I thought it would do, and it showed that the drinking water in our homes meets all state and federal regulations.

I am disappointed on the filter media for the water plant that it is delayed. Again, we have waited a long time for this, and we are trying to tell everybody that SGWASA is working as fast as they can to get the water quality up, and we are, and it is not our fault that there is a delay. And I thank Scott and Chris for trying to get that pushed up a little faster if it can be done. And I hope you will keep the pressure on, because this is something that is very important. I think it is going to improve the water quality for everybody.

Commissioner Jimmy Gooch, Chair: Once again, I would like to thank Tim Karan for his service to the SGWASA Board over the years. I understand that he is moving on to other things, and this takes up a considerable amount of his time, and his time is his schedule is pretty

stressed. I would like to welcome Russ May to the Board. Looking forward to serving with you, Russ. Want everybody to get to know Russ and work with him and bring him up to speed.

Getting back to the Invicta. I usually try to do a little research on companies with emerging technologies to see what the company looks like, what the financials look like. You know how long they have been in business? Who is there? If there is any recognizable names, and you know this company may have invented the magic bullet that destroys PFAS, as they claim. But, you know, I am going to have to talk to a lot of people about the use of UV to destroy PFAS. UV is used in water treatment and wastewater treatment to treat pathogens. And the way they destroy pathogens is they do not zap them. They disrupt the DNA where they cannot reproduce, and the pathogens die off, because pathogens have a very short lifespan, and they depend on reproduction to live, for the species to survive. PFAS is a chemical formula. It is a chain of components. I am not sure how UV destroys that, and you do not have any byproduct to take away.

I hope it works, and I think Cary is going to be very careful and deliberate in their testing. And it will be interesting to see the results. I understand they are working in South Carolina, and a couple places, so it would be interesting to see the test results from there; and I have got a couple of continuing education classes coming up, and hopefully some of the people in those classes will be from Cary, and I can speak to them directly.

Councilperson Vicky Daniels: That would be good.

Commissioner Jimmy Gooch, Chair: Yes.

Commissioner Kenneth McLamb: So, I did just look up, and Invicta did enter a contract with town Cary for a six-month long pilot program, and that happened this week.

Executive Director Scott Schroyer: Mr. Chair, you made a very important statement that says you hope it works. Our responsibility is to ensure that it works. Yes, and that is what is driving us right now. Of course, our eyes are open to emerging technologies, but we must have a proven technology, and we have shown that in our pilot project, in our report, how this is proven out.

Commissioner Georgana Kicinski, Vice-Chair: So, Mr. Executive Director, we had charts from the PFAS study a couple of months back showing that we were how the PFAS levels are fluctuating and that we were not that far off the mark. Is that chart posted on our website?

Executive Director Scott Schroyer: That presentation was part of, was it the [August Board](#) meeting?

Krystle Lee, Board Secretary: [Yes.](#)

Commissioner Georgana Kicinski, Vice-Chair: No, it had to be sooner. I was not here in August.

Executive Director Scott Schroyer: I am sure that it is posted. It was part of the meeting record.

Commissioner Georgana Kicinski, Vice-Chair: Well, I will look it up, and when I find it, I will let you know, and then we can bring it to light again.

Executive Director Scott Schroyer: Krystle has something on the screen right now. What agenda is that?-

Commissioner Robert Way: That is August.

Executive Director Scott Schroyer: Is it the August Board Meeting?

Krystle Lee, Board Secretary: Yes.

Executive Director Scott Schroyer: Krystle, just take a moment and show us what you are doing here on our website. So, you are on our website archives, and you are going down to the year 2025. And you are going to go to July, correct?

Krystle Lee, Board Secretary: From here you can select either the agenda, minutes, video, audio, which is available, and any additional files.

Executive Director Scott Schroyer: Okay, let us look at our Agenda? That was a long Agenda. Okay, We will make sure that the Board is aware of where that information is posted.

PFAS Pilot Presentation Postings:

Board Intranet Page ([August 8, 2025](#))

Social Media ([August 14, 2025](#) – [August 25, 2025](#) – [September 4, 2025](#))

Official Website ([August 13, 2025](#) – [August 23, 2025](#) – [September 4, 2025](#))

Email Subscription List ([August 14, 2025](#) – [August 23, 2025](#))

Google Posting ([September 12, 2025](#))

Butner Bugle (Submitted September 4, 2025)

Granville County Newsletter (Submitted September 4, 2025)

Ledger News (Submitted September 4, 2025)

550+ News Publications ([September 4, 2025](#))

Commissioner Georgana Kicinski, Vice-Chair: I mean, I think that chart that was presented to us was full of information, and it kind of allayed some of my fears. And I think that it was a very great, good presentation. I think CDM Smith did the presentation.

Executive Director, Scott Schroyer: [I did the presentation](#). It was based on a document that they presented to me for the summer PFAS pilot testing. I believe that is what the title is. So, we will make sure that we reference that again following this meeting.

Commissioner Jimmy Gooch, Chair: CDM Smith is a large engineering firm. We are one of many, many customers.

Commissioner Jimmy Gooch, Chair: So, you know, we are not dealing with the company that is exclusively our company. We are just one of many, many customers they have, and they share information. So, it you know, it should help you to know that when they speak, they are speaking from a wide experience,

I just want to make sure everyone's aware that they are a very large engineering firm, and we are, in many ways, lucky to be able to use them and Hazen; Hazen is also an international firm, and one of the larger ones. So, I think CDM, I stand corrected. I did not know CDM Smith was international now, but they have both been around a long time, and they serve a lot of customers.

Commissioner Russ May: I apologize for not mentioning during my opportunity to speak. I spent 40 years in public service, doing a variety of things, and often this Board, I am just now coming on this Board, but this Board is often targeted a lot of criticism. I am thankful for the opportunity to serve this Board, but the length and service of time that Commissioner Karan gave this Board is something to be commended. Despite what his thoughts were, what he may have wanted to drive or not drive, he served consistently, and he served, I know because I interact with him often, as someone who truly cares about this community, truly wants what's best for this community, and that's not always the case with every public servant.

Sometimes they may not be as aligned with wanting to do for the community, but rather what they gain for themselves. I found Commissioner Karan, in my experiences with him, is that he truly is a servant leader and someone who truly saw on this Board to serve his community. I am appreciative of the fact that he wanted me to be on this Board. I will attempt to do the very best job I can. I appreciate that he sought me out. And does represent a good part of my district. I will do my very best, but I just do not want it to go by without, and I know Mr. Chair, Gooch has talked about it, but a good man in Commissioner Karan.

16. Adjournment

Commissioner Jimmy Gooch – Chair entertained a motion to adjourn and asked the Board if there were any other discussion topics to be raised.

Board Action: A motion to adjourn the September 09, 2025, Board Meeting was made by Councilperson Vicky Daniels and seconded by Commissioner Kenneth McLamb. The motion passed unanimously (6 votes in favor). The meeting officially ended at 7:11 p.m.

Respectfully Submitted by: Krystle Lee, Board Secretary / Public Information Officer

Approved by the Board at the 10/14/25 Board Meeting

Commissioner Jimmy Gooch - Chairman

Date

Agenda Item – 7

Public Comments



South Granville Water and Sewer Authority (SGWASA)

Public Comment Procedures

The members of the South Granville Water and Sewer Authority (SGWASA) are committed to allowing members of the public an opportunity to offer comments and suggestions regarding efficient and effective administration of the regional utility. In addition to public hearings, a special time is set aside for the purpose of receiving such comments and suggestions. All comments addressed to the SGWASA members (the "Board") during the Public Comment period shall be subject to the following procedures:

1. Public Comments - General:

- a. The Public Comment period will be held at the beginning of the Board meeting. The comment period will be limited to a maximum of thirty (30) minutes. Based on the total number of Public Comments - Request to Speak Information Cards submitted, the Board may agree by majority vote to extend the Public Comment period or hold an additional Public Comment period at the end of the Board meeting.
- b. Public Comment speakers should not expect Board action, deliberation, and/or comment on subject matter brought up during the Public Comment section unless and until it has been scheduled as an item on a future meeting Agenda.
- c. Public Comment is not intended to require the Board to answer any impromptu questions. Speakers will address all comments to the Board as a whole.
- d. Discussions between speaker and members of the audience are not allowed.
- e. Action on items brought up during the Public Comment period will be at the discretion of the Board.
- f. Speakers must be respectful and courteous in their remarks and must refrain from personal attacks or accusations, the use of profanity, and inappropriate gestures.
- g. Only one speaker will be acknowledged at a time. If the time runs out before all persons who have signed up have an opportunity speak, those names will be carried over to the next Public Comment period.
- h. Any applause will be held until the end of the Public Comment period.
- i. Speakers who have prepared written remarks or supporting documents shall leave a copy of such remarks and documents with the Board Secretary.
- j. Speakers shall not discuss matters concerning the candidacy of any person seeking public office, including the candidacy of the person addressing the Board, except to the extent that the comments directly address issues pertinent to SGWASA.
- k. Comments must relate to matters that are within the authority or jurisdiction of the Board.
- l. Topics requiring further investigation will be referred to the appropriate SGWASA official, Board Committee or agency, and may, if in order, be scheduled for a future meeting Agenda.

1. Approved 2-14-23

South Granville Water and Sewer Authority (SGWASA)

Public Comment Procedures

- m. The Board requests that complaints relative to specific SGWASA employees be directed to the Executive Director, other than at a Board meeting. Individual personnel issues are confidential by law and will not be discussed by the Board in open session.

2. Public Comments - Procedures:

- a. Persons who wish to address the Board during the Public Comment period shall complete a Public Comments-Request to Speak Information Card prior to the start of the Board Meeting. Public Comments – Request to Speak Information cards will be available thirty minutes before the start of the meeting.
- b. On the Public Comments – Request to Speak Information card, speaker shall provide their contact information (full name, full address, email, and telephone number) and the topic of their comments.
- c. Speakers will be called to the podium by the Board Chair when it is their turn to speak. Speakers will address the Board from the podium at the front of the room and begin their remarks by stating their full name and address for the record.
- d. Each speaker will have **three (3) minutes** to make remarks and will only be entitled to the time allotted.
- e. Those persons who desire to submit their public comments to the Board without directly addressing the Board during the Public Comment period may do so, yet they shall provide a legible document to the Board Secretary by 3:00 pm on the day of the Board Meeting. The legible document shall include their contact information (full name, full address, email, and telephone number) and the topic of their comments. The public comments will not be read aloud during the Board Meeting, yet they will be attached to the record copy of the meeting minutes.

Agenda Item - 8

Board Discussion Items

Background:

Prior to each month's regularly scheduled Board meeting, the Board Secretary surveys the South Granville Water and Sewer Authority (SGWASA) Board members to see if they have any discussion topics for the upcoming Board meeting. The following are the responses received regarding discussion items for this Board meeting.

Butner Councilperson Vicky Daniels: None.

Creedmoor Commissioner Robert Way: None.

Stem Commissioner Kenneth McLamb: None.

Granville County Commissioner Russ May: None.

Georgana Kicinski, Creedmoor Commissioner/SGWASA Vice Chair: Grant assignments.

Granville County Commissioner Jimmy Gooch - Chair: None.

Agenda Item - 9

Topic: Series Resolution, authorizing the financing terms for and the issuance of a Water and Sewer System Revenue Bond Anticipation Note, Series 2025 (the “BAN”) for the I-85 Sanitary Sewer Improvement Project.

Requested Action: Adoption by the Board of Directors of a Series Resolution, authorizing the Executive Director and the Finance Director to execute and deliver the BAN to Truist Bank in the amount of \$35,000,000, to provide for interim financing for the I-85 Sanitary Sewer Improvement Project.

Presenter(s): Richard Balmer, Finance Director; Connor Crews, Bond Counsel of McGuire Woods LLP.

Background:

At the October 11, 2022 Board meeting, the SGWASA Board authorized the Executive Director and Finance Director to apply for a \$35 million USDA loan to help fund the I-85 Sanitary Sewer Improvement Project (the “Project”), as total costs of the Project exceeded the \$35 million NCDEQ-ARPA grant.

At the September 12, 2023 Board meeting, the SGWASA Board selected McGuireWoods LLP as bond counsel to assist with securing revenue bonds for the Project.

On February 13, 2024, the USDA issued a letter of conditions outlining the USDA’s intent to loan up to \$35 million to SGWASA, through the purchase of the Authority’s Water and Sewer System Revenue Bonds (the “Bonds”) upon substantial completion of the Project. The USDA requires that SGWASA obtain interim financing from a private financial institution in the form of a revenue bond anticipation note. Upon substantial completion of the Project, the Authority will issue the Bonds to the USDA and use the proceeds thereof to pay off the BAN.

On August 27, 2025, Finance Director Richard Balmer submitted the required Financing Application to the North Carolina Local Government Commission (NCLGC) for review and approval for the interim and long-term financing through the USDA.

On September 9, 2025, the Board of Directors adopted a “findings” resolution, making certain findings that enabled the NCLGC to accept the application submitted by Mr. Balmer.

In September 2025, working with Bond Counsel Mary Nash Rusher, Bond Counsel of McGuire Woods LLP, and Finance Director Balmer, the NCLGC issued an RFP to a variety of financial institutions for interim financing through the issuance of a revenue bond anticipation note, with proposals due by 11:00 a.m. on September 29, 2025.

To issue the BAN, the Board must approve the adoption of a Series Resolution, which supplements the Bond Order dated February 10, 2015 (adopted March 19, 2015) (the “Bond Order”). The Authority has previously issued under bonds under the Bond Order (including USDA bonds assumed during SGWASA’s acquisition of the City of Creedmoor water and sewer system).

Analysis:

On September 29, 2025, SGWASA received interim financing proposals from Truist Bank and PNC Bank. After review with Bond Counsel and the NCLGC, staff selected Truist as the preferred option. The details of the Truist Terms for the BAN are shown in the table below.

Truist Terms for the BAN	
Amount	\$35,000,000
Closing Date	10/31/25 (anticipated; negotiable)
Maturity Date	05/01/28
Earnings Interest Rate	2.90% (current rate; subject to change over life of BAN)
Interest Rate on Loan	3.36%
Closing Costs	\$4,000 (estimated)
Interest Payment	Annually on Nov. 1 st

Upon substantial completion of the Project, the Authority will issue its Water and Sewer System Revenue Bonds in the aggregate principal amount of \$35 million to the United States Department of Agriculture (USDA). The Authority will use the proceeds of the Bonds to “take-out” the interim financing provided by Truist under the BAN.

The NCLGC approved the terms of the Truist proposal at its meeting on October 6, 2025.

The attached Series Resolution has been provided by Bond Counsel for review and approval by the Board of Directors. The Series Resolution supplements the Bond Order and sets forth the terms of the interim financing and the issuance of the BAN to Truist. It permits the Finance Director to procure the interim financing and authorizes the Chairman, the Executive Director and the Finance Director sign all related financing documents in collaboration with Bond Counsel.

Next Steps:

Should the Board approve the Series Resolution, the SGWASA Secretary will certify the Resolution at the conclusion of tonight’s meeting. Following, the Finance Director and Authority’s Bond Counsel will collaborate with Truist, and Truist’s counsel to facilitate the interim financing as reflected in Truist’s proposal.

The closing date is anticipated to be prior to October 31, 2025. However, the federal government shutdown may delay closing. One of the closing conditions is the provision of a letter from the USDA addressed to Truist, indicating the USDA’s commitment to “take-out” the BAN upon substantial completion of the Project. USDA staff are unable to provide this letter while the federal government is shut down, and this has the potential to delay the closing past October 31, 2025.

Staff Recommendation:

The Executive Director and Finance Director recommend approving the Series Resolution as presented.

Schedule:

Upon approval and obtaining the required signatures on the documents, Authority staff will initiate and facilitate the required interim financing as outlined in the proposal with an intended closing date on/around October 31, 2025 (but subject to the potential delay due to the federal government shutdown).

Financial:

Capitalized interest on the BAN is estimated at \$2.94 million, with projected interest earnings of \$1.33 million, resulting in a net cost of approximately \$1.61 million. This falls within the final USDA budget and is expected to be covered by SGWASA's fund balance.

Strategic Plan Alignment:**Focus Area #2 – Reliable and Sustainable Sanitary Sewer System**

- Objective #3: Enhance financial and operational components of the sanitary sewer system to support capital investments and efficient operations.

Attachments:

1. Exhibit 1: Series Resolution
2. Exhibit 2: Proposal from Truist Bank
3. Exhibit 3: Proposal from PNC Bank

Executive Director's Recommendation:

The SGWASA Board of Directors approve the Series Resolution as presented to the Board.

SERIES RESOLUTION

Adopted October 14, 2025

by the

SOUTH GRANVILLE WATER AND SEWER AUTHORITY

Authorizing

\$35,000,000

Water and Sewer System Revenue Bond Anticipation Note, Series 2025

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THIS SERIES RESOLUTION, adopted October 14, 2025 (the "Series Resolution"), by the SOUTH GRANVILLE WATER AND SEWER AUTHORITY, a public instrumentality organized and existing under the laws of the State of North Carolina (the "Authority"),

WITNESSETH:

WHEREAS, the Authority is a public instrumentality, vested with the powers set forth in Article 1 of Chapter 162A of the North Carolina General Statutes, as amended; and

WHEREAS, the Authority is authorized under Article 5 of Chapter 159, as amended, of the General Statutes of North Carolina (the "Act"), to issue revenue bonds for the purpose of paying the cost of revenue bond projects as defined in the Act; and

WHEREAS, the Authority previously issued its \$9,200,000 Water and Sewer System Revenue Bonds, Series 2006 (the "Series 2006 Bonds"), for the purpose of providing funds to acquire the water and sewer system previously owned by the State of North Carolina and serving the territory in Granville County, North Carolina known as the Butner Reservation, pursuant to a Bond Order adopted by the Authority on December 12, 2006 (the "Prior Bond Order") and a Series Resolution adopted by the Authority on December 12, 2006, as amended by a resolution adopted by the Authority on March 12, 2013; and

WHEREAS, on February 10, 2015, the Authority adopted an Amended and Restated Bond Order Authorizing the Issuance of Water and Sewer System Revenue Bonds (the "2015 Bond Order"), which amended and restated the Prior Bond Order, and was further amended by a Resolution adopted on March 19, 2015 (the 2015 Bond Order, as amended by the March 19, 2015 Resolution, the "Bond Order"); and

WHEREAS, pursuant to the Bond Order, the Authority authorized (i) the Authority's assumption of the \$4,965,000 Revenue Bond, Series 2012 (the "Series 2012 Bond") of the City of Creedmoor, North Carolina (the "City"), the proceeds of which were used to pay the costs of the acquisition, construction and renovation of certain improvements to the water and sanitary sewer system of the City (the "Creedmoor System"), which the Authority purchased pursuant to an Asset Purchase Agreement dated May 16, 2014, as amended by a First Amendment to Asset Purchase Agreement dated July 8, 2014, and a Second Amendment to Asset Purchase Agreement dated November 17, 2014, each between the City and the Authority, and (ii) the issuance of its \$6,220,000 Water and Sewer System Revenue Bonds, Series 2015A (the "Series 2015A Bonds") and \$3,935,136 Water and Sewer System Revenue Bonds, Series 2015B (the "Series 2015B Bonds" and, together with the Series 2006 Bonds, the Series 2012 Bond and the Series 2015A Bonds, the "Existing Bonds"), the proceeds of which were used to pay a portion of the cost of the acquisition of the Creedmoor System; and

WHEREAS, the Authority, acting by and through its Board of Directors (the "Board of Directors"), has determined that the issuance of bonds to finance a portion of the cost of the construction and equipping of three new wastewater lift stations, including the Joe Peed lift station, the East Middleton lift station, and the North I-85 lift station, and associated improvements to water and sewer mains (the "Project") will benefit and be in the best interests of the Authority; and

WHEREAS, the Bond Order authorizes the issuance of Revenue Bond Anticipation Notes in accordance with Section 2.10 thereof in order to finance, among other things, the Cost of any Additional Project (as defined in the Bond Order); and

WHEREAS, as set forth in a Letter of Conditions dated February 13, 2024, the United States Department of Agriculture – Rural Development (“USDA”) has agreed to purchase the Authority’s water and sewer system revenue bonds in the amount of \$35,000,000 (the “USDA Bonds”) upon substantial completion of the Project; and

WHEREAS, Truist Commercial Equity, Inc. has submitted a proposal dated September 29, 2025 to provide interim construction financing for the Project by purchasing the Authority’s Revenue Bond Anticipation Note, the principal of which will be repaid with the proceeds of the USDA Bonds purchased by the USDA;

NOW, THEREFORE, BE IT ORDERED BY THE SOUTH GRANVILLE WATER AND SEWER AUTHORITY AS FOLLOWS:

ARTICLE I

DEFINITIONS

Section 101. Meaning of Words and Terms. Unless otherwise required by the context, words and terms used herein which are defined in the Bond Order shall have the meanings assigned to them therein, and the following words and terms shall have the following meanings:

“Closing” means the delivery of and payment for the Revenue Bond Anticipation Note.

“Closing Date” means the date of the Closing.

“Date of Taxability” means the first date upon which interest on the Note is included in the gross income of the Purchaser for federal income tax purposes as a result of an Event of Taxability or a Determination of Taxability.

“Default Rate” means the lesser of (i) the Prime Rate plus 2.00% or (ii) the maximum rate permitted by law.

“Determination of Taxability” means a determination that the interest on the Note is included in gross income of the Purchaser for federal income tax purposes, which determination shall be deemed to have been made upon the occurrence of the first to occur of the following: (a) the date on which the Purchaser is advised in writing by the Commissioner or any District Director of the Internal Revenue Service that, as a consequence of an Event of Taxability, the interest on the Note is included in the gross income of the Purchaser for federal income tax purposes; (b) the date on which the Authority receives notice from the Purchaser that the Purchaser has been advised in writing that the Internal Revenue Services has issued a statutory notice of deficiency or similar notice to the Purchaser which asserts, in effect, that interest on the Note received by the Purchaser is included in the gross income of the Purchaser for federal income tax purposes, as a result of an Event of Taxability; (c) the day on which the Authority is advised in writing by the Commissioner or any District Director of the Internal Revenue Service that there has been issued a public or

private ruling of the Internal Revenue Service that the interest on the Note is included in the gross income of the Purchaser for federal income tax purposes as a result of an Event of Taxability; or (d) the day on which the Authority is advised in writing by counsel to the Purchaser that a final determination, from which no further right of appeal exists has been made by a court of competent jurisdiction in the United State of America in a proceeding with respect to which the Authority has been given notice and an opportunity to participate and defend that interest on the Note is included in the gross income of the Purchaser for federal income tax purposes as a result of an Event of Taxability.

“Event of Taxability” means any event, occurrence or situation, resulting from an action, or failure to act, by the Authority, the effect of which is to cause the interest on the Note to be includible in the gross income of the Purchaser for federal income tax purposes.

“Interest Payment Date” means each of November 1, 2026, November 1, 2027 and the Maturity Date (or such earlier date on which the Note is prepaid in accordance with Section 3.01 hereof).

“Note” means the \$35,000,000 South Granville Water and Sewer Authority Water and Sewer System Revenue Bond Anticipation Note, Series 2025 issued pursuant to the Bond Order and this Series Resolution.

“Prime Rate” means the interest rate announced by Truist Bank as its prime rate. Any change in the Prime Rate shall be effective as of the date such change is announced by Truist Bank.

“Purchaser” means Truist Commercial Equity, Inc., as the original purchaser of the Note, and any permitted assignee or transferee of the Note.

Section 102. Rules of Construction. Words of the masculine gender shall be deemed and construed to include correlative words of the feminine and neuter genders. Unless the context shall otherwise indicate, words used herein shall include the plural as well as the singular number.

References herein to particular articles or sections are references to articles or sections of this Series Resolution unless some other reference is indicated.

ARTICLE II

AUTHORIZATION, FORM, ISSUANCE, DELIVERY AND REGISTRATION OF THE NOTE

Section 201. Authorization and Issuance of the Note. The issuance of the \$35,000,000 South Granville Water and Sewer Authority Water and Sewer System Revenue Bond Anticipation Note, Series 2025, to, together with any other available funds, finance the costs of the Project and to pay the costs and expenses incurred in connection with the issuance of the Note, all as provided herein and in the Bond Order, is hereby authorized by this Series Resolution.

The Finance Officer is hereby appointed Bond Registrar (as defined in the Bond Order) for the Note under this Series Resolution.

Section 202. Form of Note. The definitive Note shall be initially issued as one fully registered note numbered R-1 in the aggregate principal amount of \$35,000,000, and shall be initially registered in the name of the Purchaser. The definitive Note shall be substantially in the form set forth in Exhibit A attached hereto and made a part hereof, with such appropriate variations, omissions and insertions as are permitted or required by the Bond Order or this Series Resolution. Notwithstanding anything in the Bond Order to the contrary, the Note may be transferred in the manner specified in the Bond Order, but may not be exchanged for any denomination other than the outstanding principal amount thereof.

Notwithstanding any other provisions of the Bond Order or this Series Resolution to the contrary, the Bond Registrar shall not register the transfer of the Note to any person other than a bank, insurance company or similar financial institution unless such transfer has been previously approved by the Authority. The provisions of this paragraph may not be amended without the prior written consent of the Authority.

Section 203. Details of Note. The Note shall be dated the Closing Date, shall bear interest at a rate of 3.36% per annum (computed on the basis of a 360-day year consisting of twelve 30-day months), except as provided below, with interest being payable on each Interest Payment Date and all principal payable on May 1, 2028 (the "Maturity Date"), all as set forth in the form of the Note included in Exhibit A attached hereto and made a part hereof. The Note shall be dated the Closing Date and shall mature on the Maturity Date.

Upon the occurrence and during the continuation of an Event of Default under the Bond Order, all amounts outstanding under the Note shall bear interest at the Default Rate.

If at any time there is a Determination of Taxability or Event of Taxability, the fixed rate of interest shall be increased to and be calculated at the rate which will provide to the Purchaser the effective yield which it would have received if there had not been a Determination of Taxability or an Event of Taxability, such rate to be determined by the Purchaser (the "Alternative Rate of Interest"), and shall be payable from the Date of Taxability to such time as the Note is paid in full. In such event, the Authority shall be required to pay to the Purchaser all amounts, if any, which may be necessary to reimburse the Purchaser for any interest, penalties or other charges assessed by the Internal Revenue Service and the Department of Revenue of the State of North Carolina against the Purchaser by reason of the Purchaser's failure to include the interest on the Note in its gross income for income tax purposes. The Authority shall pay to the Purchaser the above-mentioned Alternative Rate of Interest notwithstanding any Transfer by the Purchaser or payment or prepayment by the Authority prior to the date such Determination of Taxability was made.

Principal of and interest on the Note is payable, to such account in the United States as the Holder may designate, by wire transfer or other immediately available funds delivered on the payable date.

Section 204. Terms and Conditions for Issuance of the Note. The Note shall be executed substantially in the form and in the manner described herein and in the Bond Order and shall be deposited with the Bond Registrar for authentication, but before the Note shall be authenticated and delivered to the State Treasurer for redelivery to the Purchaser, there shall be filed with the Bond Registrar and the Purchaser, the following:

(a) copies, certified by the Secretary of the Authority to be true and correct copies, of the Bond Order and this Series Resolution;

(b) a certificate of the Authority authorizing the award of the Note;

(c) an opinion of bond counsel to the Authority to the effect that the Note has been validly issued in accordance with the provisions of the Bond Order and this Series Resolution in form and substance satisfactory to the Purchaser;

(d) an opinion of counsel to the Authority in form and substance satisfactory to the Purchaser and bond counsel to the Authority;

(e) evidence that the Local Government Commission of North Carolina has approved the issuance and sale of the Note;

(f) in accordance with Section 2.10 of the Bond Order, a certificate of an Authorized Officer of the Authority evidencing compliance with the provisions of Section 7.15 of the Bond Order;

(g) a letter from the USDA evidencing a commitment by USDA to purchase the USDA Bonds in anticipation of which the Note is being issued upon substantial completion of the Project; and

(h) such other documentation or opinions as may reasonably be requested by the Bond Registrar, the Purchaser or bond counsel.

When the documents described in Section 2.10 of the Bond Order and subsections (a) through (h), inclusive, of this Section shall have been filed with the Bond Registrar and the Purchaser, and when the Note shall have been executed and authenticated as required by the Bond Order and this Series Resolution, the Note shall be delivered to or upon the order of the State Treasurer for redelivery to or upon the order of the Purchaser, but only upon the deposit with the Bond Registrar of the purchase price of the Note.

ARTICLE III

REDEMPTION OF NOTE

Section 301. Redemption of Note. The Note shall be subject to redemption in whole but not in part, at the option of the Authority, on any Business Day on or after the date that is sixty (60) days prior to the Maturity Date at a redemption price equal to 100% of the principal amount of the Note to be redeemed plus accrued interest to the date of redemption, without premium or penalty. The Authority shall provide to the Purchaser five (5) Business Days' prior written notice of its election to redeem the Note prior to the Maturity Date.

ARTICLE IV

ACCOUNTS, REVENUES AND FUNDS; OTHER COVENANTS

Section 401. Payment of the Note. The Authority shall, after the payment of Current Expenses pursuant to Section 5.03(b) of the Bond Order and pursuant to the provisions of Section 5.03(c) of the Bond Order, cause moneys in the Revenue Fund to be used to pay the principal of, premium, if any, and interest on the Note on each Interest Payment Date or on any redemption date for the Note.

Section 402. Investment of Money. Simultaneously with the Closing, the Purchaser shall deposit the purchase price for the Note in a deposit account of the Authority at Truist Bank (the "Project Fund"). Such funds will be disbursed to pay costs of the Authority. The Authority shall provide any balance of funds, in addition to funds on deposit in the Project Fund, needed to complete the construction and equipping of the Project. Any moneys remaining in the Project Fund after completion of the construction and equipping of the Project, as evidenced by a written certificate of completion executed by an Authorized Officer of the Authority and delivered to the Purchaser stating that the Project has been completed and there are no mechanic's or other liens against the Project for labor or materials furnished in connection with the Project, may be applied to the repayment of interest on the maturity date of the Note.

Section 403. Investment of Money. Money held for the credit of the Project Fund established hereunder on deposit with the Authority shall be continuously invested and reinvested by the Authority in Investment Obligations to the extent practicable. Any such Investment Obligations shall mature not later than the respective dates when the money held for the credit of the Project Fund will be required for the purposes intended.

Investment Obligations acquired with money in or credited to the Project Fund established hereunder shall be deemed at all times to be part of such Project Fund. Any loss realized upon the disposition or maturity of such Investment Obligations shall be charged against such Project Fund. The interest accruing on any such Investment Obligations and any profit realized upon the disposition or maturity of such Investment Obligations shall be credited to such Project Fund.

Section 404. Payment of Principal, Interest and Premium and Pledge of Net Receipts. The Authority covenants that it will promptly pay the principal of and the interest on the Note issued under the provisions of this Series Resolution at the places, on the dates and in the manner provided herein and in the Note according to the true intent and meaning thereof. The Authority further covenants that it will faithfully perform at all times all of its covenants, undertakings and agreements contained in this Series Resolution and the Bond Order. The Authority represents and covenants that it is duly authorized under the Constitution and laws of the State, particularly the Act, to issue the Note authorized hereby and to pledge the Net Receipts in the manner and to the extent herein and in the Bond Order set forth; that all action on its part for the issuance of the Note has been duly and effectively taken; and that such Note in the hands of the Owners thereof are and will be valid and binding special obligations of the Authority payable according to its terms. The Note shall also be secured pari passu as to the pledge of Net Receipts and shall be entitled to the same benefit and security under the Bond Order as all other Bonds (including the Existing Bonds) issued or incurred thereunder and then outstanding. The Authority shall take all actions necessary to issue the USDA Bonds, the proceeds of which are hereby pledged to the payment of the Note.

Section 405. Tax Covenant. The Authority covenants to do and perform all acts and things permitted by law in order to assure that interest paid on the Note which is excludable from

the gross income of its Owners for federal income taxes on the date of its issuance shall continue to be so excludable.

Section 406. Delivery of Audited Financial Statements; Other Information. While the Note is outstanding, the Authority covenants to provide to the Purchaser:

(a) within two hundred seventy (270) days of the end of each fiscal year of the Authority, a copy of the Authority's audited financial statements for such fiscal year; and

(b) within thirty days of the adoption of the annual budget ordinance of the Authority, a copy of such ordinance as so adopted.

ARTICLE V

MISCELLANEOUS PROVISIONS

Section 501. Manner of Giving Notice.

(a) All notices, demands and requests to be given to or made hereunder by the Authority, the Local Government Commission or the Bond Registrar shall be given or made in writing and shall be deemed to be properly given or made if sent by United States registered or certified mail, return receipt requested postage prepaid, addressed as set forth in the Bond Order.

(b) All notices, demands and requests to be given to or made hereunder by the Purchaser shall be given or made in writing and shall be deemed to be properly given or made if sent by United States registered or certified mail, return receipt requested postage prepaid, addressed as set forth below:

Truist Commercial Equity, Inc.
434 Fayetteville Street, 29th Floor
Raleigh, NC 27601
Attention: Marcus Smith, Senior Vice President

Section 502. Authority, Bond Registrar and Owners Alone Have Rights under Series Resolution. Except as herein otherwise expressly provided, nothing in this Series Resolution, express or implied, is intended or shall be construed to confer upon any person, firm or corporation, other than the Authority, the Bond Registrar and the Owners, any right, remedy or claim, legal or equitable, under or by reason of this Series Resolution or any provision being intended to be and being for the sole and exclusive benefit of the Authority, the Bond Registrar and the Owners.

Section 503. Effect of Partial Invalidity. In case any one or more of the provisions of this Series Resolution or the Note shall for any reason be held to be illegal or invalid, such illegality or invalidity shall not affect any other provisions of this Series Resolution or the Note, but this Series Resolution and the Note shall be construed and enforced as if such illegal or invalid provisions had not been contained therein. In case any covenant, stipulation, obligation or agreement contained in this Series Resolution or the Note shall for any reason be held to be in violation of law, then such covenant, stipulation, obligation or agreement shall be deemed to be the covenant, stipulation, obligation or agreement of the Authority to the full extent permitted by law.

Section 504. Payment Due on Holidays. If the date for making any payment or the last day for performance of any act or the exercising of any right as provided in this Series Resolution is not a Business Day, such payment may be made or act performed or right exercised on the next Business Day with the same force and effect as if done on the date provided in this Series Resolution.

Section 505. Effect of Covenants: Governing Law. All covenants, stipulations, obligations and agreements of the Authority contained in this Series Resolution shall be deemed to be covenants, stipulations, obligations and agreements of the Authority to the full extent permitted by the Constitution and laws of the State. This Series Resolution is executed and delivered with the intent that the laws of the State shall govern this construction. The Authority hereby waives any right to jury trial, to the extent permitted by applicable law.

Section 506. Headings. Any heading preceding the text of the several articles hereof, any table of contents or marginal notes appended to copies hereof, shall be solely for convenience of reference and shall not constitute a part of this Series Resolution, nor shall they affect its meaning, construction or effect.

Section 507. Further Authority. The officers, attorneys, employees and other agents of the Authority are hereby authorized to do all acts and things required of them by this Series Resolution for the full, punctual and complete performance of all of the terms, covenants and agreements contained in the Bond Order, the Note and this Series Resolution.

The Chairman, the Executive Director and the Finance Director, or any of them or their deputies, are further authorized and directed (without limitation except as expressly provided herein) to take such action and to execute and deliver such documents, certificates, agreements or other instruments and to make such variations, omissions and insertions, modifications to the form of the Note as they, with the advice of counsel, may deem necessary or appropriate to effect the transactions contemplated by the Bond Order and this Series Resolution.

Section 508. Multiple Counterparts. This Series Resolution may be executed in multiple counterparts, each of which shall be regarded for all purposes as an original, and such counterparts shall constitute but one and the same instrument.

Section 509. No Advisory or Fiduciary Role. The Authority acknowledges and agrees that: (a) the transaction contemplated by this Agreement is an arm's length, commercial transaction between the Authority and the Lender in which the Lender is acting solely as a principal and is not acting as a municipal advisor, financial advisor or fiduciary to the Authority; (b) Lender has not assumed any advisory or fiduciary responsibility to the Authority with respect to the transaction contemplated hereby and the discussions, undertakings and procedures leading thereto (irrespective of whether Lender has provided other services or is currently providing other services to the Authority on other matters); (c) the only obligations Lender has to the Authority with respect to the transaction contemplated hereby expressly are set forth in this his Series Resolution and the Note; and (d) the Authority has consulted its own legal, accounting, accounting, tax and other advisors, as applicable, to the extent it has deemed appropriate.

Section 510. Series Resolution Effective. This Series Resolution shall take effect upon its passage.

PASSED AND ADOPTED, THIS 14TH DAY OF OCTOBER, 2025.

I, Krystle Lee, Secretary of the South Granville Water and Sewer Authority, DO HEREBY CERTIFY that the foregoing is a true and complete copy of a resolution adopted by the Board of Directors of the South Granville Water and Sewer Authority at a regular meeting duly called and held on October 14, 2025, and that the proceedings of such meeting are recorded in the minutes of the Board of Directors. Pursuant to G.S. § 143-318.12, a current copy of a schedule of regular meetings of the Board of Directors of the South Granville Water and Sewer Authority is on file in my office.

WITNESS my hand and the official seal of the Authority this ____ day of October, 2025.

Krystle Lee
Secretary
South Granville Water and Sewer Authority

(SEAL)

EXHIBIT A
FORM OF NOTE

R-1

\$35,000,000

United States of America
State of North Carolina

SOUTH GRANVILLE WATER AND SEWER AUTHORITY
WATER AND SEWER SYSTEM REVENUE BOND ANTICIPATION NOTE,
SERIES 2025

The South Granville Water and Sewer Authority, a public instrumentality organized and existing under the laws of North Carolina (the "Authority"), for value received, hereby promises to pay, but solely from the sources and in the manner hereinafter provided, to Truist Commercial Equity, Inc. or registered assigns or legal representative the principal sum of THIRTY FIVE MILLION DOLLARS (\$35,000,000.00) in a single payment of principal due on May 1, 2028 (the "Maturity Date"), and to pay, but solely from such sources, interest from the date hereof on the unpaid part of such principal sum until payment thereof (computed on the basis of a 360-day year consisting of twelve 30-day months) at the rate of 3.36% per annum (subject to adjustment as provided below), such interest being payable on each Interest Payment Date (as defined in the Series Resolution described below).

If at any time there is a Determination of Taxability or Event of Taxability (each as defined in the Series Resolution described below), the fixed rate of interest shall be increased to and be calculated at the rate which will provide to the Purchaser the effective yield which it would have received if there had not been a Determination of Taxability or an Event of Taxability, such rate to be determined by the Purchaser (the "Alternative Rate of Interest"), and shall be payable from the Date of Taxability to such time as this note is paid in full.

Upon the occurrence and during the continuation of an Event of Default under the Bond Order, all amounts outstanding under this Note shall bear interest at the Default Rate (as defined in the Series Resolution).

Both the principal of and the interest on this Note are payable in any coin or currency of the United States of America which, at the respective date of payment thereof, is legal tender for the payment of public and private debts.

This note is a duly authorized revenue bond anticipation note of the Authority designated "Water and Sewer System Revenue Bond Anticipation Note, Series 2025" (the "Note"), issued under and pursuant to the Constitution and laws of the State of North Carolina, including the Act (as defined in the Bond Order), an amended and restated bond order of the Authority adopted on February 10, 2015, effective on March 31, 2015 (the "Bond Order") and a Series Resolution, adopted by the Authority on October 14, 2025 (the "Series Resolution"). The Note is being issued for the purposes set forth in the Series Resolution.

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The Note is a special obligation of the Authority secured by a pledge, charge and lien upon Net Receipts (as defined in the Bond Order) of the Authority's Water and Sewer Revenue System. This Note is also secured by the proceeds from the sale to the USDA (as defined in the Series Resolution) of any Bonds issued under the Bond Order in order to repay the Note on the Maturity Date. The Authority is not obligated to pay the principal of or the interest on the Note except as provided in the Bond Order and the Series Resolution from Net Receipts or certain other monies made available therefor under the Bond Order and the Series Resolution, and neither the faith and credit nor the taxing power of the State of North Carolina or any political subdivision thereof is pledged to the payment of the principal of and the interest on the Note. The Bond Order provides for the issuance or incurrence from time to time under the conditions, limitations and restrictions therein set forth of additional bonds and parity debt secured pari passu as to the pledge of Net Receipts with the Note.

This Note shall be subject to redemption in whole but not in part, at the option of the Authority, at any time on or after the date that is sixty (60) days prior to the Maturity Date at a redemption price equal to 100% of the principal amount of the Note to be redeemed plus accrued interest to the date of redemption, without premium or penalty. The Authority shall provide to the Purchaser five (5) Business Days' prior written notice of its election to redeem the Note prior to the Maturity Date.

Reference is made to the Bond Order and the Series Resolution for a more complete statement of the provisions thereof and of the rights of the Authority and the registered owners of the Note. Copies of the Bond Order and the Series Resolution will be available for inspection by any registered owner of the Note at all reasonable times at the office of the Authority. By the purchase and acceptance of this Note, the registered owner hereof signifies assent to all of the provisions of the Bond Order and the Series Resolution.

The Bond Registrar shall keep at its principal office books for the registration of transfer of the Note. The transfer of the Note may be registered only upon such books and as otherwise provided in the Bond Order upon the surrender hereof to the Bond Registrar together with an assignment duly executed by the registered owner hereof or his attorney or legal representative in such form as shall be satisfactory to the Bond Registrar. Upon any such registration of transfer, the Bond Registrar shall deliver in exchange for the Note a new bond anticipation note registered in the name of the transferee in an aggregate principal amount equal to the principal amount of the Note, containing the same principal installments and bearing interest at the same rate. The Note may not be exchanged for any denomination other than the outstanding principal amount thereof.

Notwithstanding any other provisions of the Bond Order or this Series Resolution to the contrary, the Bond Registrar shall not register the transfer of this Note to any person other than a bank, insurance company or similar financial institution unless such transfer has been previously approved by the Authority.

The registered owner of this Note shall have no right to enforce the provisions of the Bond Order or to institute action to enforce the covenants therein, or to take any action with respect to any event of default under the Bond Order, or to institute, appear in or defend any suit or other proceeding with respect thereto, except as provided in the Bond Order.

Modifications or alterations of the Bond Order and the Series Resolution or in any supplement Bond Order thereto may be made only to the extent and in the circumstances permitted by the Bond Order and the Series Resolution, as the case may be.

This Note is issued with the intent that the laws of the State of North Carolina shall govern its construction.

All acts, conditions and things required to happen, exist and be performed precedent to and in the issuance of this Note and the execution and delivery of the Bond Order and the Series Resolution have happened, exist and have been performed as so required.

This Note shall not be valid or become obligatory for any purpose or be entitled to any benefit or security under the Bond Order or the Series Resolution until it shall have been authenticated by the execution by the Bond Registrar of the certificate of authentication endorsed hereon.

[Remainder of page intentionally left blank; signatures on following page]

IN WITNESS WHEREOF, the South Granville Water and Sewer Authority by resolution duly passed by its governing body, has caused this Note to be manually signed by its Chairman and its Secretary has impressed its corporate seal and attested the same, all as of the ____ day of _____, 2025.

By: _____
Chairman

[SEAL]

By: _____
Secretary

CERTIFICATE OF LOCAL GOVERNMENT COMMISSION

The issuance of the within Note has been approved under the provisions of The State and Local Government Revenue Bond Act.

By: _____
Secretary
Local Government Commission

[South Granville Water and Sewer Authority
Water and Sewer System Revenue Bond Anticipation Note, Series 2025]

A-5

CERTIFICATE OF AUTHENTICATION

This Note is a Revenue Bond Anticipation Note of the Series designated therein and issued under the provisions of the within mentioned Bond Order and Series Resolution.

By: _____
Bond Registrar

Date of Authentication: _____, 2025

ASSIGNMENT

FOR VALUE RECEIVED the undersigned registered owner thereof hereby sells, assigns and transfers unto _____

_____ the within Note and all rights thereunder and hereby irrevocably constitutes and appoints _____ attorney to register the transfer of the Note on the books kept for registration thereof, with full power of substitution in the premises.

Dated: _____

In the presence of:

NOTICE: The signature must be guaranteed by an institution which is a participant in the Securities Transfer Agent Medallion Program (STAMP) or similar program.

The signature to this assignment must correspond with the name as it appears on the face of the within Note in every particular, without alteration of enlargement or any change whatever.



South Granville Water and Sewer Authority

Term Sheet

9/29/2025

Truist Bank ("Bank"), on behalf of itself and its designated affiliate (the "Lender"), is pleased to submit the following summary of terms and conditions for discussion purposes only. The term sheet is non-binding and does not represent a commitment to lend. The term sheet is intended only as an outline of certain material terms of the requested financing and does not purport to summarize all of the conditions, covenants, representations, warranties and other provisions that would be contained in any definitive documentation for the requested financing.

Borrower:	South Granville Water and Sewer Authority ("SGWASA")
Lender:	Truist Commercial Equity, Inc.
Facility/Purpose/ Description:	Tax-Exempt, Non-Bank Qualified direct bank loan evidenced by a Series 2025 Water & Sewer Revenue BAN (the "Facility"). The proceeds of the Facility would be used to financing improvements to the Authority's Water and Sewer System, including construction and equipping of three new wastewater lift stations, including the Joe Peed lift station, the East Middleton lift station, and the North I-85 lift station, and associated improvements to water and sewer mains (the "Project"). The Revenue BAN is being issued in anticipation of the issuance of the revenue bond to be purchased by USDA upon substantial completion of the construction of the Project.
Amount:	Up to \$35,000,000.
Funding:	The Loan will be funded in a single drawdown on the closing date anticipated to be early November. Any proceeds of the Loan not advanced to the Borrower at closing will be deposited into a project fund held with the Bank's Escrow Services (the "Project Fund"). The proceeds will be invested in the Collateralized Public Funds Plus Deposit Option, which adheres to state requirements. Currently this escrow account pays interest at 2.90%. It is anticipated that the proceeds of the Facility will not be needed until March, 2026, since other sources of funding are required to be used before the Facility proceeds are spent. Therefore, SGWASA is requesting to make an initial draw at closing to pay certain costs of issuing the BAN and pay certain other costs, and then to draw down the remaining proceeds of the Facility in one or more draws in the future to pay costs of construction.
Repayment:	Interest shall be calculated on a 30/360 basis and payable annually on November 1 st . Principal and remaining interest is payable in full at the Maturity Date.
Maturity Date:	May 1, 2028

Prepayment:	The Facility is prepayable without penalty within 60 days of the maturity date.
Interest Rate:	Tax-exempt Fixed Rate 3.36% Rate Lock Period: This rate is locked, and available, through November 14, 2025. The tax-exempt fixed interest rate for the Loan will be subject to increase in the event of a Determination of Taxability. The Borrower understands that the market interest rate is subject to change. The Borrower also understands that in the event the Facility is funded during the Rate Lock Period, the Rate will become the effective interest rate for the Facility even if market interest rates are lower than the Rate at the time the Facility is funded.
Security:	The Facility is a special obligation of SGWASA payable from the proceeds of the sale of the revenue bond to be purchased by USDA and the net revenues of the SGWASA.
Documentation:	All documentation shall appropriately structure the financing according to Federal and State statutes, subject to acceptable review by Lender and its counsel. The bond will not be presented for payment unless required by documentation.
Covenants:	Usual and customary covenants, reporting requirements, representations and warranties and events of default, for transactions of this type, including, without limitation, the following financial covenants and reporting requirements: • Annual Financial Statements within 270 days of fiscal year end. • Annual budget within 30 days of adoption. • Rate covenant as described in existing bond documents. • The Series 2025 Water & Sewer Revenue BAN will be on parity with existing bonds payable. • Funding is contingent upon receipt of a signed USDA "take out" letter addressed to the Lender.
Conditions Precedent and Other Terms:	1. <u>Borrower's Counsel Opinion:</u> An opinion of Borrower's counsel covering matters customary to transactions such as this and in all respects acceptable to the Bank, the Lender and its counsel. 2. <u>Bond Counsel Opinion:</u> An approving opinion of bond counsel related to the Loan in form and substance satisfactory to the Lender, which shall include, without limitation, an opinion that the interest on the Loan is excludable from gross income for Federal income tax purposes. and that the Loan is a qualified tax-exempt obligation in accordance with the Internal Revenue Code. 3. <u>Other Items:</u> The Bank and the Lender shall have received such other documents, instruments, approvals or opinions as may be reasonably requested.
Lender's Legal Counsel:	The Lender's legal counsel will be Jeff Poley at Hawkins.

	Estimated fees for the closing of the Loan(s) will be \$4,000 and shall be paid by the Borrower, whether or not the Loan described herein is closed.
RFP Statement:	The Bank agrees that the terms and provisions of the Bond Order are acceptable.
Governing Law & Jurisdiction:	State of North Carolina.
Municipal Advisor Disclosure:	The Bank is a regulated bank and makes direct purchase loans to Municipal Entities and Obligated Persons as defined under the Municipal Advisor Rule, and in this term sheet is solely providing information regarding the terms under which it would make such a purchase for its own account. The Bank is not recommending an action or providing any advice to the Borrower and is not acting as a municipal advisor or financial advisor. The Bank is not serving in a fiduciary capacity pursuant to Section 15B of the Securities Exchange Act of 1934 with respect to the information and material contained in this communication. The Bank is acting in its own interest. Before acting on the information or material contained herein, the Borrower should seek the advice of an IRMA and any other professional advisors which it deems appropriate for the Loan described herein, especially with respect to any legal, regulatory, tax or accounting treatment.
Patriot Act:	Pursuant to the requirements of the Patriot Act, the Bank and its affiliates are required to obtain, verify and record information that identifies loan obligors, which information includes the name, address, tax identification number and other information regarding obligors that will allow Lender to identify obligors in accordance with the Patriot Act, and Lender is hereby so authorized. This notice is given in accordance with the requirements of the Patriot Act and is effective for the Bank and its affiliates.
Expiration Date:	This Term Sheet shall expire on October 16 th unless accepted prior to then.



PNC PUBLIC FINANCE
301 FAYETTEVILLE ST., SUITE 2100
RALEIGH, NC 27601

September 29, 2025

Richard Balmer
South Granville Water and Sewer Authority, North Carolina

Re: PNC Bank Proposal - \$35,000,000 Water and Sewer System Revenue Bond Anticipation Note

Dear Richard,

PNC Bank is pleased to provide the following proposal to the Authority for the purpose of financing various improvements to the Authority's Water and Sewer System.

If there are any questions related to the enclosed term sheet, please do not hesitate to call me. I look forward to hearing from you and appreciate the opportunity to work with you to complete this transaction.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kyle Huber', written in a cursive style.

Kyle Huber
Relationship Manager
Senior Vice President and Managing Director
PNC Bank - Public Finance
(919) 838-3474
kyle.huber@pnc.com

PNC BANK, NATIONAL ASSOCIATION
Summary of Terms and Conditions
South Granville Water and Sewer Authority (North Carolina)
September 29, 2025

I. PARTIES

BORROWER: South Granville Water and Sewer Authority ("*Borrower*" or "*Authority*")

BANK: PNC Bank, National Association ("*PNC*" or "*Bank*")

II. CREDIT FACILITY, SECURITY AND FINANCING DOCUMENTS

CREDIT FACILITY/PURPOSE: Revenue Bond Anticipation Note ("*Note*" or "*Credit Facility*"). The credit facility shall be executed and delivered with the expectation that the principal balance shall be repaid by permanent financing from the United States Department of Agriculture, Rural Development ("USDA").

For further discussion with Authority: Proceeds of the Note are proposed to be fully disbursed at Closing into a new PNC Money Market Account ("Project Account"). The Authority shall transact directly from this account as instructed by the USDA-RD for approved purposes. **Current interest rate for the Project Account is quoted at 3.75% (interest paid to the Authority).**

MATURITY DATE: May 1, 2028

COMMITMENT AMOUNT: Up to \$35,000,000

SECURITY: The Revenue BAN will be a special obligation of the Authority, payable from the proceeds of the sale of the revenue bonds to USDA/Rural Development and a pledge of the net revenues of the Authority's water and sanitary sewer systems as provided in the Bond Order. The Revenue BAN will be payable on a parity with other outstanding revenue bonds of the Authority issued by the Authority pursuant to the terms of the Bond Order.

CLOSING DATE: To be negotiated with Borrower. Expected in October 2025.

FINANCING DOCUMENTATION:	The Credit Facility shall include standard conditions precedent purchase and closing, representations and warranties, indemnities, covenants, events of default and remedies.
REPAYMENT:	All principal due on the Maturity Date. Interest to be paid at least annually.
TAX STATUS OF INTEREST ON LOAN:	Interest on the Note shall be excludable from gross income for federal income and state income tax purposes. The Borrower shall take all steps necessary to maintain such tax-exempt status. The Bank shall be provided an opinion of tax counsel satisfactory to the Bank which concludes that interest is excludable from gross income for federal income tax purposes.

III. INTEREST RATES AND OTHER KEY PROVISIONS:

INTEREST RATE:	3.92%
COMPUTATION BASIS:	Fixed rate computations of interest shall be calculated on a 30/360-day basis.
EVENT OF TAXABILITY:	In the event a determination of taxability shall occur, in addition to the amounts required to be paid with respect to the Credit Facility, the Borrower shall be obligated to pay to the Bank an amount equal to the positive difference, if any, between the amount of interest that would have been paid during the period of taxability if the Note(s) had borne interest at a taxable rate and the interest actually received by the Bank.
DEFAULT RATE:	Upon the occurrence and during the continuation of an Event of Default, all amounts due shall accrue at the Default Rate, which equals the greatest of (i) the PNC Prime Rate plus 3.0%; (ii) the Overnight Bank Funding Rate plus 3.5%; and (iii) 9.0%.
OPTIONAL REDEMPTION:	Prepayable within 30 days of Maturity without penalty. Prepayment outside of this window will be subject to a standard make-whole.

IV. OTHER FEES AND EXPENSES:

COSTS AND EXPENSES:	All expenses incurred by the Bank, including reasonable legal fees (inside and outside), and any other expenses in reference to structuring, documenting, closing, monitoring or enforcing the Financing Documents, if applicable, shall be for the account of the Borrower and payable at closing and otherwise on demand. Legal fees are quoted at \$20,000 (Jon Mize, Womble Bond Dickinson).
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V. REPORTING REQUIREMENTS:

1. Annual audited financial statements of the Borrower due within 210 days of fiscal year-end.
2. Other customary information requested by the Bank from time to time.

VI. CONDITIONS PRECEDENT TO CLOSING:

Including, but not limited to, the following:

1. Satisfactory completion of due diligence regarding the Borrower and any Security;
2. Execution of all documentation as may be requested by the Bank relating to the Credit Facility in form and substance satisfactory to the Bank and its counsel;
3. Payment of all applicable fees and expenses by the Borrower;
4. Receipt of an opinion of counsel to the Borrower and any bond counsel, in form and substance satisfactory to the Bank and including without limitation, due authorization, enforceability, compliance with all applicable laws, and the tax-exempt status of the Credit Facility;
5. Receipt of materials related to the takeout of the Loan, including: letter of intent to meet conditions, fully compiled Form RD 1940-1(s), and a commitment letter from the USDA-RD for permanent financing;
6. Receipt and satisfactory review by the Bank of all applicable resolutions and evidence of authority including LGC Approval (if applicable);

VII. EVENTS OF DEFAULT:

The Credit Facility shall include events of default customary for transactions of this nature.

VIII. CHOICE OF LAW:

GOVERNING LAW:

The Financing Documents, and any other documents to which the Bank shall become a party will be governed by the laws of the State of North Carolina.

**NO ADVISORY OR
FIDUCIARY ROLE:**

The Borrower acknowledges and agrees that: (i) the Bank has not assumed any advisory or fiduciary responsibility to the Borrower with respect to the transaction contemplated hereby and the discussions, undertakings and procedures leading thereto (irrespective of whether the Bank or any of its affiliates has provided other services or is currently providing other services to the Borrower on other matters); (ii) the only obligations the Bank has to the Borrower with respect to the transaction contemplated hereby are expressly set forth in this term sheet; and (iii) the Borrower has consulted its own legal, accounting, tax, financial and other advisors, as applicable, to the extent it has deemed appropriate.

The Borrower hereby desires to engage the Bank in the origination of the Credit Facility pursuant to the terms and conditions stated herein.

Accepted and Agreed to:

South Granville Water and Sewer Authority

By: _____
Name: _____
Title: _____
Date: _____

Agenda Item - 10

Topic: Contract Award for I-85 Sanitary Sewer Improvements, Construction Package 2.

Requested Action: The Board Approve the negotiated contract with Park Construction of NC for **\$30,238,282** and Authorize the Executive Director to execute all necessary documents to issue the Notice of Award and proceed with contract execution.

Presenter(s): Scott N. Schroyer, Executive Director.

Note: Michael Sloop, PE, Project Manager, with CDM Smith, is scheduled to attend tonight's Board meeting and he will be available to answer questions related to the project.

Background:

On August 5, 2025, CDM Smith presented its Engineer's Recommendation of Award for the I-85 Sanitary Sewer Improvements – Construction Package 2 to SGWASA (attached). The recommendation followed two bid events: the initial opening on May 22, 2025, and a re-bid on June 12, 2025. In both cases, Park Construction of NC was the sole bidder, submitting a total bid of \$46,499,981 (Base Bid: \$38,111,190; Alternates: \$8,388,791).

Due to budget limitations, SGWASA negotiated scope adjustments. All bid alternates were removed, and Section A – Northern Interceptor was eliminated, resulting in a credit of \$7,872,908. The revised contract amount is **\$30,238,282**.

Funding for the overall I-85 Sanitary Sewer Improvements Project totals \$71,145,500, provided by USDA Rural Development (\$35,000,000), NCDEQ Division of Water Infrastructure (\$29,272,500), and SGWASA (\$6,873,000). The total project cost, including engineering, contingency, and soft costs, is \$78,124,476. SGWASA will cover the \$6,978,976 from its capital budget.

SGWASA intends to accept CDM Smith's recommendation and award the Construction Package 2 contract to Park Construction of NC for the negotiated amount of **\$30,238,282**.

Brief Description of Contract as Bid

The base bid for the project included construction of the Northern Interceptor (9,300 LF of 8-inch to 30-inch Ductile Iron Pipe (DIP) and Poly Vinyl Chloride (PVC) gravity sewer) and Southern Interceptor (17,800 LF of 8-inch to 36-inch DIP and PVC gravity sewer), along with demolition and abandonment of the Wilkins Road, Mount Hope, and 11th Street lift stations and associated force mains, as well as abandonment of the Falls Commerce Force Main Relocation.

The bid alternates include construction of a new 1.75 MGD I-85 Lift Station, installation of 8,200 LF of 10-inch DIP and PVC force main along East Lyon Station Road and Will Suitt Road (I-85 Force Main), and installation of gravity sewer segments for the Ledge Creek Gravity Sewer Relocation (2,400 LF of 12-inch to 24-inch PVC) and East Middleton Gravity Sewer (3,300 LF of 16-inch to 18-inch PVC).

SGWASA has determined that none of the bid alternates will be selected and that Section A – Northern Interceptor of the base bid will be removed, as noted in CDM Smith's Recommendation of Award.

Park Construction stated that the full price included in the subtotal for Section A – Northern Interceptor (\$7,872,908.00) can be credited back to SGWASA, and no changes will be required to Section B – Southern Interceptor, Section C – Existing Wilkins Road Lift Station Abandonment, Section D – Existing Mount Hope Lift Station Abandonment, Section E – Existing 11th Street Lift Station Abandonment, or Section F – Other. This results in a revised total base bid amount of **\$30,238,282.00**.

Terms of Negotiation

SGWASA and Contractor acknowledge and agree that the bid received on the above-referenced project has resulted in the project budget being exceeded and that a contract cannot be awarded based on the amount of the total bids received. The Owner and the Contractor have completed negotiations to arrive at a mutually acceptable amount on which the construction contract will be awarded. It is also understood that Notice of Award will not be awarded within 60 days of the bid opening, as required in the General Conditions of the Project Manual and that Owner and Contractor will work expeditiously to complete the steps necessary for Owner to issue Notice of Award, which is expected to occur in October 2025.

The following changes in the terms and conditions of the as-bid contract are hereby incorporated into the proposed contract award:

- No bid alternates will be selected.
- Section A - Northern Interceptor in its entirety of the Bid Form will be removed from the contract.

Financial:

The I-85 Sanitary Sewer Improvement Project contracts (CP#1 and CP#2) will be funded from the following sources: SGWASA, ARPA, and the USDA.

Interim financing is necessary for this project as related to the USDA funding. SGWASA has worked with the North Carolina Local Government Commission (NCLGC) and the United States Department of Agriculture (USDA) on the interim financing.

Budget Amendment #5 has been prepared for the award of contract and is found later in this meeting agenda.

Next Steps:

Should the Board members approve the construction contract with Park Construction of NC, Inc., then SGWASA and CDM Smith will complete the necessary steps to complete the required contract documents and issue a Notice To Proceed to Park Construction of NC, Inc. as soon as possible.

Attachments:

Exhibit A – I-85 Sanitary Sewer Improvement Project Map

Exhibit B – Certified Bid Tabulation

Exhibit C - CDM Smith Recommendation of Award

Strategic Plan Alignment:

Focus Area #2 – Reliable and Sustainable Sanitary Sewer System

- Objective #1: Provide for upgrades and ongoing maintenance of the sewer system infrastructure through regular assessments of capital assets and the inclusion of needed projects in the Authority’s Capital Improvement Plan (CIP).
- Objective #2: Seek appropriate growth and expansion of the sanitary sewer system to meet customer and stakeholder needs and support economic development.

Executive Director’s Recommendation:

Approve a contract with Park Construction of NC, Inc. for the I-85 Sanitary Sewer Project – Construction Package #2 in the amount of \$30,238,282, contingent on approvals from NCDEQ, USDA, and interim financing with Truist Bank; authorize the Executive Director, Finance Director, and Attorney to execute the contract; and approve the Resolution of Tentative Award.

Exhibit A – I-85 Sanitary Sewer Improvement Project Map

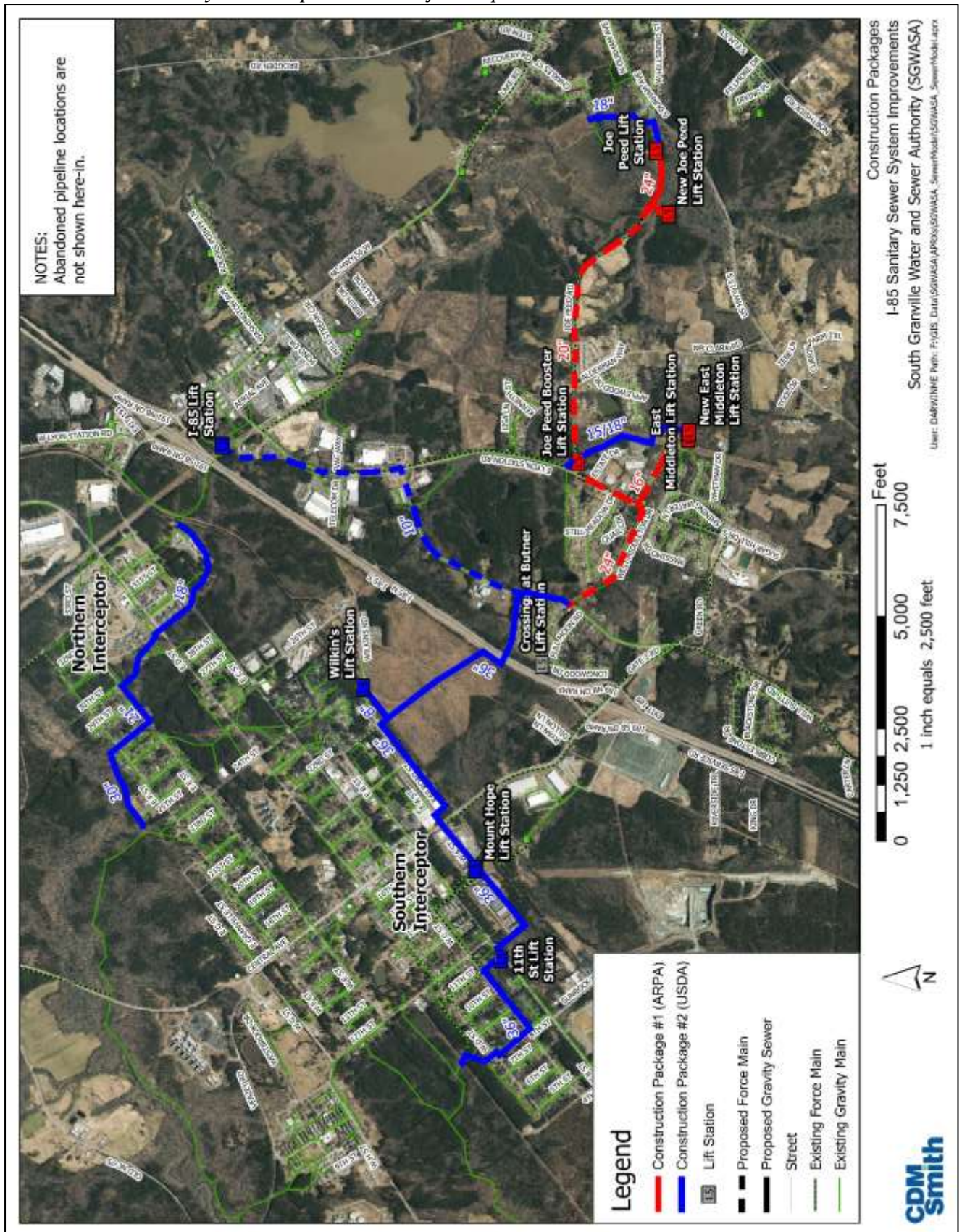


Exhibit B – Certified Bid Tabulation

****CERTIFIED DETAILED BID TABULATION****
SOUTH GRANVILLE WATER AND SEWER AUTHORITY
I-85 SANITARY SEWER IMPROVEMENTS - CONSTRUCTION PACKAGE 2
BID DATE: JUNE 12, 2025

Item No.	Description	Unit	Quantity	Unit Bid Price	Extended Total
BASE BID ITEMS					
Section A - Northern Interceptor					
1	Open-cut Install 30" Gravity Sewer				
1a	30" DI Gravity Sewer (0.0' to 8.0')	LF	1340	\$685.00	\$899,100.00
1b	30" DI Gravity Sewer (8.01' to 12.0')	LF	570	\$689.00	\$382,730.00
2	Open-cut Install 24" DI Gravity Sewer (0.0' to 8.0')	LF	30	\$506.00	\$15,180.00
3	Open-cut Install 21" PVC Gravity Sewer (0.0' to 8.0')	LF	370	\$300.00	\$111,000.00
4	Open-cut Install 20" DI Gravity Sewer				
4a	20" DI Gravity Sewer (0.0' to 8.0')	LF	2320	\$459.00	\$1,064,880.00
4b	20" DI Gravity Sewer (8.01' to 12.0')	LF	130	\$476.00	\$61,880.00
4c	20" DI Gravity Sewer (12.01' to 16.0')	LF	100	\$506.00	\$50,600.00
5	Open-cut Install 18" Gravity Sewer				
5a	18" DI Gravity Sewer (0.0' to 8.0')	LF	320	\$438.00	\$140,160.00
5b	18" PVC Gravity Sewer (0.0' to 8.0')	LF	530	\$286.00	\$151,580.00
5c	18" PVC Gravity Sewer (8.01' to 12.0')	LF	390	\$294.00	\$114,660.00
5d	18" PVC Gravity Sewer (12.01' to 16.0')	LF	180	\$336.00	\$60,480.00
6	Open-cut Install 16" DI Gravity Sewer				
6a	16" DI Gravity Sewer (0.0' to 8.0')	LF	860	\$408.00	\$350,880.00
6b	16" DI Gravity Sewer (8.01' to 12.0')	LF	50	\$415.00	\$20,750.00
7	Open-cut Install 15" PVC Gravity Sewer				
7a	15" PVC Gravity Sewer (0.0' to 8.0')	LF	210	\$285.00	\$59,850.00
7b	15" PVC Gravity Sewer (8.01' to 12.0')	LF	460	\$290.00	\$133,400.00
7c	15" PVC Gravity Sewer (12.01' to 16.0')	LF	50	\$349.00	\$17,450.00
7d	15" PVC Gravity Sewer (16.01' to 20.0')	LF	30	\$381.00	\$11,430.00
8	Open-cut Install 12" Gravity Sewer				
8a	12" DI Gravity Sewer (0.0' to 8.0')	LF	340	\$364.00	\$123,760.00
8b	12" PVC Gravity Sewer (0.0' to 8.0')	LF	680	\$272.00	\$184,960.00
8c	12" PVC Gravity Sewer (8.01' to 12.0')	LF	190	\$277.00	\$52,630.00
9	Open-cut Install 8" Gravity Sewer				
9a	Open-cut Install 8" PVC Gravity Sewer (0.0' to 8.0')	LF	60	\$260.00	\$15,600.00
9b	Open-cut Install 8" DIP Gravity Sewer (0.0' to 8.0')	LF	40	\$324.00	\$12,960.00
10	36" Dia. Pipe Jacking at East C Street, incl. 16" Carrier Pipe	LS	1	\$359,108.00	\$359,108.00
11	4' Dia. Precast Manhole				
11a	4' Dia. Manhole (0.0' to 8.0')	EA	15	\$8,456.00	\$126,840.00
11b	4' Dia. Manhole (8.01' to 12.0')	EA	14	\$10,230.00	\$143,220.00
11c	4' Dia. Manhole (12.01' to 16.0')	EA	1	\$12,260.00	\$12,260.00
12	5' Dia. Precast Manhole				
12a	5' Dia. Manhole (0.0' to 8.0')	EA	6	\$13,273.00	\$79,638.00
12b	5' Dia. Manhole (8.01' to 12.0')	EA	3	\$16,557.00	\$49,671.00
12c	5' Dia. Manhole (12.01' to 16.0')	EA	1	\$20,381.00	\$20,381.00
13	Additional for Drop Manhole Assembly	EA	7	\$13,362.00	\$93,534.00
14	Manhole Frame and Cover				
14a	Standard Manhole Frame and Cover	EA	39	\$505.00	\$19,695.00
14b	Watertight Manhole Frame and Cover	EA	1	\$1,157.00	\$1,157.00
15	Connect to Existing 4" through 12" Sewer Line	EA	11	\$4,142.00	\$45,562.00
16	Connect to Existing 24" Sewer Line	EA	3	\$6,143.00	\$18,429.00
17	4" Service Assembly	EA	15	\$2,499.00	\$37,485.00
18	4" Service Line (Regardless of Depth)				
18a	4" Ductile Iron Service Line	LF	250	\$84.00	\$21,000.00
18b	4" PVC Service Line	LF	100	\$95.00	\$9,500.00
19	6" Service Assembly	EA	5	\$3,390.00	\$16,950.00
20	6" Service Line (Regardless of Depth)				
20a	6" Ductile Iron Service Line	LF	60	\$72.00	\$4,320.00
20b	6" PVC Service Line	LF	40	\$95.00	\$3,800.00
21	Water Line Relocation (6" through 10" Diameter) Where Noted on Drawings	EA	4	\$23,694.00	\$94,776.00
22	Gas Line Relocation (2" Diameter) Where Noted on Drawings	EA	1	\$9,212.00	\$9,212.00
23	Abandon Existing Manhole in Place	EA	3	\$4,931.00	\$14,793.00
24	Abandon Existing 8" through 12" Gravity Sewer with Flowable Fill	LF	450	\$20.00	\$9,000.00
25	Abandon Existing 15" through 24" Gravity Sewer with Flowable Fill	LF	350	\$51.00	\$17,850.00
26	Cut and Cap Existing Gravity Sewer	EA	5	\$2,863.00	\$14,315.00
27	Culvert Replacements Where Noted on Drawings				
27a	18" HDPE Culvert Replacement at 26th Street (Sta. 16+26)	LS	1	\$4,240.00	\$4,240.00

****CERTIFIED DETAILED BID TABULATION****
SOUTH GRANVILLE WATER AND SEWER AUTHORITY
I-85 SANITARY SEWER IMPROVEMENTS - CONSTRUCTION PACKAGE 2
BID DATE: JUNE 12, 2025

Item No.	Description	Unit	Quantity	Unit Bid Price	Extended Total
27b	12" HDPE Driveway Culvert Replacement at East F Street (Sta. 28+92)	LS	1	\$2,198.00	\$2,198.00
27c	12" HDPE Driveway Culvert Replacement and Extension at 28th Street (Sta. 30+93)	LS	1	\$6,595.00	\$6,595.00
28	28th Street Culvert Modifications, including 48" HDPE Pipe and Storm Drain Structure	LS	1	\$167,368.00	\$167,368.00
29	East E Street Concrete Culvert Cradle	LS	1	\$41,474.00	\$41,474.00
30	Install and Maintain Silt Fence	LF	8500	\$5.20	\$44,200.00
31	Install and Maintain all other Erosion Control Measures	LS	1	\$52,306.00	\$52,306.00
32	Additional for Over-Excavation and Backfill, where approved by Engineer	CY	130	\$97.00	\$12,610.00
33	Install Concrete Cradles	EA	15	\$3,418.00	\$51,270.00
34	Install Concrete Encasement	LF	850	\$379.00	\$322,150.00
35	Miscellaneous Concrete	CY	40	\$546.00	\$21,840.00
36	Traffic Control	LS	1	\$70,548.00	\$70,548.00
37	Concrete Driveway Repair	SY	50	\$159.00	\$7,950.00
38	Asphalt Driveway Repair	SY	50	\$153.00	\$7,650.00
39	Asphalt Road Restoration				
39a	a. Milling	SY	10800	\$3.60	\$38,880.00
39b	b. Surface Course	SY	10800	\$32.50	\$351,000.00
39c	c. Base Course or Intermediate	SY	4500	\$135.00	\$607,500.00
40	Install and Maintain Existing Tree Protection	LF	9000	\$2.90	\$26,100.00
41	Pre-Construction CCTV Inspection for Lateral Location Identification	LF	5600	\$6.50	\$36,400.00
42	Pre-Construction Lateral Status Verification	EA	40	\$434.00	\$17,360.00
43	Post-Construction CCTV Inspection (Regardless of Diameter)	LF	9300	\$4.00	\$37,200.00
44	Perform Final Site Restoration	LS	1	\$88,253.00	\$88,253.00
45	Rock Excavation	CY	1700	\$216.00	\$367,200.00
46	Mobilization/Demobilization and Bonds	LS	1	\$230,000.00	\$230,000.00
SUBTOTAL SECTION A				SUBTOTAL	\$7,872,968.00
Section B - Southern Interceptor					
1	Open-cut Install 36" Gravity Sewer				
1a	36" DI Gravity Sewer (0.0' to 8.0')	LF	50	\$765.00	\$38,250.00
1b	36" DI Gravity Sewer (8.01' to 12.0')	LF	30	\$800.00	\$24,000.00
1c	36" DI Gravity Sewer (12.01' to 16.0')	LF	180	\$869.00	\$156,420.00
1d	36" DI Gravity Sewer (16.01' to 20.0')	LF	360	\$954.00	\$343,440.00
1e	36" DI Gravity Sewer (20.01' to 24.0')	LF	2270	\$1,041.00	\$2,363,070.00
1f	36" DI Gravity Sewer (24.01' to 30.0')	LF	1000	\$1,160.00	\$1,160,000.00
1g	36" PVC Gravity Sewer (0.0' to 8.0')	LF	200	\$432.00	\$86,400.00
1h	36" PVC Gravity Sewer (8.01' to 12.0')	LF	3560	\$468.00	\$1,666,080.00
1i	36" PVC Gravity Sewer (12.01' to 16.0')	LF	7400	\$531.00	\$3,929,400.00
1j	36" PVC Gravity Sewer (16.01' to 20.0')	LF	1550	\$600.00	\$930,000.00
1k	36" PVC Gravity Sewer (20.01' to 24.0')	LF	30	\$677.00	\$20,310.00
2	Open-cut Install 12" PVC Gravity Sewer (Regardless of Depth)	LF	30	\$174.00	\$5,220.00
3	Open-cut Install 8" PVC Gravity Sewer				
3a	8" PVC Gravity Sewer (0.0' to 8.0')	LF	420	\$260.00	\$109,200.00
3b	8" PVC Gravity Sewer (8.01' to 12.0')	LF	680	\$267.00	\$181,560.00
4	48" Dia. Pipe Jacking at Norfolk Southern Railroad Crossing, incl. 36" Carrier Pipe	LS	1	\$879,807.00	\$879,807.00
5	Open-cut Install 48" Steel Casing at Dominion Energy Crossing, incl. 36" Carrier Pipe	LF	60	\$1,905.00	\$114,300.00
6	60" Dia. Microtunnel at Interstate-85 Crossing, incl. 36" Carrier Pipe	LS	1	\$4,361,697.00	\$4,361,697.00
7	Open-Cut Install 10" PVC Force Main, Restrained Joint	LF	50	\$266.00	\$13,300.00
8	Open-Cut Install 24" PVC Force Main, Restrained Joint	LF	50	\$395.00	\$19,750.00
9	4' Dia. Precast Manhole				
9a	4' Dia. Manhole (0.0' to 8.0')	EA	2	\$8,456.00	\$16,912.00
9b	4' Dia. Manhole (8.01' to 12.0')	EA	6	\$10,230.00	\$61,380.00
10	5' Dia. Precast Manhole				
10a	5' Dia. Manhole (0.01' to 12.0')	EA	2	\$16,557.00	\$33,114.00
10b	5' Dia. Manhole (12.01' to 16.0')	EA	14	\$20,381.00	\$285,334.00
10c	5' Dia. Manhole (16.01' to 20.0')	EA	2	\$23,539.00	\$47,078.00
10d	5' Dia. Manhole (20.01' to 24.0')	EA	5	\$26,175.00	\$130,875.00

****CERTIFIED DETAILED BID TABULATION****
SOUTH GRANVILLE WATER AND SEWER AUTHORITY
I-85 SANITARY SEWER IMPROVEMENTS - CONSTRUCTION PACKAGE 2
BID DATE: JUNE 12, 2025

Item No.	Description	Unit	Quantity	Unit Bid Price	Extended Total
10e	5' Dia. Manhole (24.01' to 30.0')	EA	5	\$29,675.00	\$148,375.00
11	6' Dia. Precast Manhole				
11a	6' Dia. Manhole (8.01' to 12.0')	EA	4	\$22,800.00	\$91,200.00
11b	6' Dia. Manhole (12.01' to 16.0')	EA	3	\$26,160.00	\$78,480.00
11c	6' Dia. Manhole (16.01' to 20.0')	EA	4	\$28,418.00	\$113,672.00
11d	6' Dia. Manhole (20.01' to 24.0')	EA	1	\$31,485.00	\$31,485.00
11e	6' Dia. Manhole (24.01' to 30.0')	EA	1	\$34,191.00	\$34,191.00
12	5' Dia. Polymer Concrete Manhole				
12a	5' Dia. Polymer Concrete Manhole (12.01' to 16.0')	EA	10	\$72,194.00	\$721,940.00
12b	5' Dia. Polymer Concrete Manhole (16.01' to 20.0')	EA	3	\$78,075.00	\$234,225.00
12c	5' Dia. Polymer Concrete Manhole (20.01' to 24.0')	EA	1	\$87,002.00	\$87,002.00
13	6' Dia. Polymer Concrete Manhole (Regardless of Depth)	EA	1	\$73,995.00	\$73,995.00
14	4' Dia. Doghouse Manhole (Regardless of Depth)	EA	1	\$34,242.00	\$34,242.00
15	Additional for Drop Manhole Assembly	EA	15	\$10,879.00	\$163,185.00
16	Manhole Frame and Cover				
16a	Standard Manhole Frame and Cover	EA	64	\$505.00	\$32,320.00
16b	Watertight Manhole Frame and Cover	EA	1	\$1,157.00	\$1,157.00
17	Additional for Vent Pipe with Passive Carbon Odor Control Module (SMH3062)	LS	1	\$13,763.00	\$13,763.00
18	Connect to Existing 8" through 12" Sewer Line	EA	15	\$4,259.00	\$63,885.00
19	Connect to Existing 36" Sewer Line	EA	1	\$14,270.00	\$14,270.00
20	4" Service Assembly	EA	50	\$2,499.00	\$124,950.00
21	4" Service Line (Regardless of Depth)				
21a	4" Ductile Iron Service Line	LF	1600	\$84.00	\$134,400.00
21b	4" PVC Service Line	LF	200	\$95.00	\$19,000.00
22	6" Service Assembly	EA	15	\$4,577.00	\$68,655.00
23	6" Service Line (Regardless of Depth)				
23a	6" Ductile Iron Service Line	LF	600	\$68.00	\$40,800.00
23b	6" PVC Service Line	LF	130	\$95.00	\$12,350.00
24	Abandon Existing Manhole In Place	EA	17	\$2,750.00	\$46,750.00
25	Abandon Existing 8" through 12" Gravity Sewer by Flowable Fill	LF	1100	\$20.00	\$22,000.00
26	Cut and Cap Existing Gravity Sewer	EA	5	\$2,863.00	\$14,315.00
27	48" Culvert Replacement at A Street (Sta. 76+15)	LS	1	\$19,241.00	\$19,241.00
28	Install and Maintain Silt Fence	LF	25000	\$5.20	\$130,000.00
29	Install and Maintain all other Erosion Control Measures	LS	1	\$73,424.00	\$73,424.00
30	Additional for Over-Excavation and Backfill, where approved by Engineer	CY	345	\$97.00	\$33,465.00
31	Install Anti-seep Concrete Collars	EA	6	\$2,744.00	\$16,464.00
32	Install Concrete Cradles	EA	5	\$3,589.00	\$17,945.00
33	Install Concrete Encasement	LF	50	\$604.00	\$30,200.00
34	Miscellaneous Concrete	CY	20	\$546.00	\$10,920.00
35	Traffic Control	LS	1	\$1,302,779.00	\$1,302,779.00
36	Concrete Driveway Repair	SY	950	\$163.00	\$154,850.00
37	Asphalt Driveway Repair	SY	300	\$153.00	\$45,900.00
38	Asphalt Road Restoration				
38a	a. Milling	SY	32000	\$2.75	\$88,000.00
38b	b. Surface Course	SY	32000	\$17.25	\$552,000.00
38c	c. Base Course or Intermediate	SY	16000	\$96.00	\$1,536,000.00
39	Install and Maintain Existing Tree Protection	LF	9400	\$2.90	\$27,260.00
40	Pre-Construction CCTV Inspection for Lateral Location Identification	LF	6000	\$6.50	\$39,000.00
41	Pre-Construction Lateral Status Verification	EA	55	\$434.00	\$23,870.00
42	Post-Construction CCTV Inspection	LF	18300	\$3.90	\$71,370.00
43	Perform Final Site Restoration	LS	1	\$96,647.00	\$96,647.00
44	Rock Excavation	CY	24000	\$215.75	\$5,178,000.00
45	Mobilization/Demobilization and Bonds	LS	1	\$890,000.00	\$890,000.00
SUBTOTAL SECTION B				SUBTOTAL	\$29,734,839.00

****CERTIFIED DETAILED BID TABULATION****
SOUTH GRANVILLE WATER AND SEWER AUTHORITY
I-85 SANITARY SEWER IMPROVEMENTS - CONSTRUCTION PACKAGE 2
BID DATE: JUNE 12, 2025

Item No.	Description	Unit	Quantity	Unit Bid Price	Extended Total
Section C - Existing Wilkins Road Lift Station Abandonment					
1	Abandonment of Existing Lift Station, complete	LS	1	\$10,750.00	\$10,750.00
2	Abandonment of Existing 3" Wilkins Road Force Main	LS	1	\$3,448.00	\$3,448.00
SUBTOTAL SECTION C				SUBTOTAL	\$14,198.00
Section D - Existing Mount Hope Lift Station Abandonment					
1	Abandonment of Existing Lift Station, complete	LS	1	\$34,939.00	\$34,939.00
2	Abandonment of Existing 16" Mount Hope Force Main	LS	1	\$10,504.00	\$10,504.00
SUBTOTAL SECTION D				SUBTOTAL	\$45,443.00
Section E - Existing 11th Street Lift Station Abandonment					
1	Abandonment of Existing Lift Station, complete	LS	1	\$22,690.00	\$22,690.00
2	Abandonment of Existing 4" 11th Street Force Main	LS	1	\$3,448.00	\$3,448.00
SUBTOTAL SECTION E				SUBTOTAL	\$26,138.00
Section F - Other					
1	Allowance for Utility Relocations and/or Temporary Utility Support	LS	1	\$100,000.00	\$100,000.00
2	Allowance for Removal and Disposal of Contaminated Soils	LS	1	\$50,000.00	\$50,000.00
3	Mobilization/Demobilization and Bonds for Base Bid Sections C, D and E	LS	1	\$2,474.00	\$2,474.00
4	Test Pits (0.0' to 8.0')	EA	35	\$434.00	\$15,190.00
5	Allowance for Additional Asphalt	LS	1	\$250,000.00	\$250,000.00
SUBTOTAL SECTION F				SUBTOTAL	\$417,664.00
TOTAL BASE BID				SUBTOTAL	\$38,111,190.00
ALTERNATE BID ITEMS					
Item No.	Description	Unit	Estimated Quantity	Unit Bid Price	Extended total
Section G - I-85 Lift Station					
1	I-85 Lift Station	LS	1	\$3,851,999.00	\$3,851,999.00
2	Allowance for AESS (Data Command)	LS	1	\$15,000.00	\$15,000.00
3	Mobilization/Demobilization and Bonds	LS	1	\$132,161.00	\$132,161.00
4	I-85 Lift Station Driveway	LS	1	\$127,904.00	\$127,904.00
5	Rock Excavation	CY	1500	\$216.00	\$324,000.00
SUBTOTAL SECTION G				SUBTOTAL	\$4,451,064.00
Section H - I-85 Force Main					
Section H-A - I-85 Force Main North					
1	Open-Cut Install 10" PVC Force Main, Non-Restrained Joint	LF	2700	\$53.00	\$143,100.00
2	Open-Cut Install 10" PVC Force Main, Restrained Joint	LF	1450	\$69.00	\$100,050.00
3	Open-cut Install 10" DI Force Main, Non-Restrained Joint	LF	50	\$126.00	\$6,300.00
4	Open-cut Install 10" DI Force Main, Restrained Joint	LF	50	\$147.00	\$7,350.00
5	Ductile Iron MJ Fittings	LBS	2700	\$24.00	\$64,800.00
6	10" Plug Valve Assembly	EA	2	\$10,836.00	\$21,672.00
7	2" Air Valve Assembly	EA	4	\$31,984.00	\$127,936.00
8	Install and Maintain Silt Fence	LF	2500	\$5.20	\$13,000.00
9	Install and Maintain all other Erosion Control Measures	LS	1	\$20,796.00	\$20,796.00
10	Additional for Over-Excavation and Backfill, where approved by Engineer	CY	45	\$92.00	\$4,140.00
11	Install Concrete Cradles	EA	1	\$1,962.00	\$1,962.00
12	Traffic Control	LS	1	\$14,518.00	\$14,518.00
13	Concrete Driveway Repair	SY	300	\$163.00	\$48,900.00
14	Asphalt Driveway Repair	SY	700	\$153.00	\$107,100.00

****CERTIFIED DETAILED BID TABULATION****
SOUTH GRANVILLE WATER AND SEWER AUTHORITY
I-85 SANITARY SEWER IMPROVEMENTS - CONSTRUCTION PACKAGE 2
BID DATE: JUNE 12, 2025

Item No.	Description	Unit	Quantity	Unit Bid Price	Extended Total
15	Asphalt Road Restoration				
15a	a. Milling	SY	225	\$14.00	\$3,150.00
15b	b. Surface Course	SY	225	\$52.00	\$11,700.00
15c	c. Base Course or Intermediate	SY	75	\$199.00	\$14,925.00
16	Install and Maintain Existing Tree Protection	LF	1550	\$3.00	\$4,650.00
17	Perform Final Site Restoration	LS	1	\$11,863.00	\$11,863.00
18	Rock Excavation	CY	10	\$216.00	\$2,160.00
19	Mobilization/Demobilization and Bonds	LS	1	\$22,554.00	\$22,554.00
SUBTOTAL SECTION H-A				SUBTOTAL	\$752,626.00
Section H-B - I-85 Force Main South					
1	Open-Cut Install 10" PVC Force Main, Non-Restrained Joint	LF	3000	\$53.00	\$159,000.00
2	Open-Cut Install 10" PVC Force Main, Restrained Joint	LF	1050	\$69.00	\$72,450.00
3	Ductile Iron MJ Fittings	LBS	2000	\$24.00	\$48,000.00
4	10" Plug Valve Assembly	EA	2	\$10,836.00	\$21,672.00
5	2" Air Valve Assembly	EA	5	\$31,984.00	\$159,920.00
6	Install and Maintain Silt Fence	LF	3800	\$5.20	\$19,760.00
7	Install and Maintain all other Erosion Control Measures	LS	1	\$20,796.00	\$20,796.00
8	Additional for Over-Excavation and Backfill, where approved by Engineer	CY	45	\$92.00	\$4,140.00
9	Install Concrete Cradles	EA	2	\$1,962.00	\$3,924.00
10	Install Concrete Encasement	LF	50	\$229.00	\$11,450.00
11	Traffic Control	LS	1	\$14,518.00	\$14,518.00
12	Asphalt Road Restoration				
12a	a. Milling	SY	275	\$14.00	\$3,850.00
12b	b. Surface Course	SY	275	\$52.00	\$14,300.00
12c	c. Base Course or Intermediate	SY	85	\$199.00	\$16,915.00
13	Install and Maintain Existing Tree Protection	LF	2150	\$3.00	\$6,450.00
14	Perform Final Site Restoration	LS	1	\$11,863.00	\$11,863.00
15	Rock Excavation	CY	80	\$216.00	\$17,280.00
16	Mobilization/Demobilization and Bonds	LS	1	\$18,725.00	\$18,725.00
SUBTOTAL SECTION H-B				SUBTOTAL	\$625,013.00
SUBTOTAL SECTION H				SUBTOTAL	\$1,377,639.00
Section H-B.1 - Upsize I-85 Force Main South to 12" (Bid Adder)					
1	Open-Cut Install 12" PVC Force Main, Non-Restrained Joint	LF	3000	\$5.00	\$15,000.00
2	Open-Cut Install 12" PVC Force Main, Restrained Joint	LF	1050	\$10.00	\$10,500.00
3	Ductile Iron MJ Fittings (10" to 12")	LBS	900	\$23.00	\$20,700.00
4	12" Plug Valve Assembly	EA	2	\$3,312.00	\$6,624.00
5	Connection Assembly	LS	1	\$31,377.00	\$31,377.00
SUBTOTAL SECTION H-B.1				SUBTOTAL	\$84,201.00
Section I - Ledge Creek Gravity Sewer Relocation					
1	Open-cut Install 24" PVC Gravity Sewer				
1a	Open-Cut Install 24" PVC Gravity Sewer (0.0' to 8.0')	LF	400	\$118.00	\$47,200.00
1b	Open-Cut Install 24" PVC Gravity Sewer (8.01' to 12.0')	LF	125	\$123.00	\$15,375.00
2	Open-cut Install 18" PVC Gravity Sewer				
2a	Open-cut Install 18" PVC Gravity Sewer (0.0' to 8.0')	LF	870	\$89.00	\$77,430.00
2b	Open-cut Install 18" PVC Gravity Sewer (8.01' to 12.0')	LF	430	\$100.00	\$43,000.00
2c	Open-cut Install 18" PVC Gravity Sewer (12.01' to 16.0')	LF	390	\$138.00	\$53,820.00
3	Open-Cut Install 12" PVC Gravity Sewer (Regardless of Depth)	LF	130	\$73.00	\$9,490.00
4	4' Dia. Precast Manhole				
4a	4' Dia. Manhole (0.00' to 8.0')	EA	1	\$9,399.00	\$9,399.00
4b	4' Dia. Manhole (8.01' to 12.0')	EA	7	\$11,498.00	\$80,486.00
4c	4' Dia. Manhole (12.01' to 16.0')	EA	1	\$14,503.00	\$14,503.00
5	5' Dia. Precast Manhole				
5a	5' Dia. Precast Manhole (Regardless of Depth)	EA	1	\$35,928.00	\$35,928.00
6	Additional for Drop Manhole Assembly	EA	1	\$3,683.00	\$3,683.00

****CERTIFIED DETAILED BID TABULATION****
SOUTH GRANVILLE WATER AND SEWER AUTHORITY
I-85 SANITARY SEWER IMPROVEMENTS - CONSTRUCTION PACKAGE 2
BID DATE: JUNE 12, 2025

Item No.	Description	Unit	Quantity	Unit Bid Price	Extended Total
7	Watertight Manhole Frame and Cover	EA	10	\$1,157.00	\$11,570.00
8	Manhole Vent Assembly	EA	2	\$4,243.00	\$8,486.00
9	Connect to Existing 12" Sewer Line	EA	3	\$3,640.00	\$10,920.00
10	Connect to Existing 24" Sewer Line	EA	1	\$5,983.00	\$5,983.00
11	Abandon Existing Manhole in Place	EA	4	\$2,750.00	\$11,000.00
12	Abandon Existing 12" Gravity Sewer by Flowable Fill	LF	700	\$20.00	\$14,000.00
13	Cut and Cap Existing Gravity Sewer	EA	2	\$2,863.00	\$5,726.00
14	Install and Maintain Silt Fence	LF	2400	\$5.20	\$12,480.00
15	Install and Maintain all other Erosion Control Measures	LS	1	\$13,072.00	\$13,072.00
16	Additional for Over-Excavation and Backfill, where approved by Engineer	CY	35	\$97.00	\$3,395.00
17	Install Anti-seep Concrete Collars	EA	6	\$2,517.00	\$15,102.00
18	Install Concrete Encasement	LF	50	\$229.00	\$11,450.00
19	Traffic Control	LS	1	\$10,033.00	\$10,033.00
20	Asphalt Road Restoration				
20a	a. Milling	SY	105	\$23.00	\$2,415.00
20b	b. Surface Course	SY	105	\$92.00	\$9,660.00
20c	c. Base Course or Intermediate	SY	20	\$576.00	\$11,520.00
21	Install and Maintain Existing Tree Protection	LF	3100	\$3.00	\$9,300.00
22	Post Construction CCTV Inspection (Regardless of Diameter)	LF	2345	\$4.00	\$9,380.00
23	Perform Final Site Restoration	LS	1	\$8,151.00	\$8,151.00
24	Rock Excavation	CY	2200	\$216.00	\$475,200.00
25	Mobilization/Demobilization and Bonds	LS	1	\$32,414.00	\$32,414.00
SUBTOTAL SECTION I				SUBTOTAL	\$1,081,571.00
Section J - East Middleton Gravity Sewer					
1	Open-cut Install 18" C900 PVC Gravity Sewer				
1a	Open-cut Install 18" C900 PVC Gravity Sewer (0.0' to 8.0')	LF	1130	\$104.00	\$117,520.00
1b	Open-cut Install 18" C900 PVC Gravity Sewer (8.01' to 12.0')	LF	750	\$111.00	\$83,250.00
1c	Open-cut Install 18" C900 PVC Gravity Sewer (12.01' to 16.0')	LF	300	\$166.00	\$49,800.00
1d	Open-cut Install 18" C900 PVC Gravity Sewer (16.01' to 20.0')	LF	460	\$214.00	\$98,440.00
2	Open-cut Install 16" C900 PVC Gravity Sewer				
2a	Open-cut Install 16" C900 PVC Gravity Sewer (0.0' to 8.0')	LF	460	\$94.00	\$43,240.00
2b	Open-cut Install 16" C900 PVC Gravity Sewer (8.01' to 12.0')	LF	140	\$106.00	\$14,840.00
2c	Open-cut Install 16" C900 PVC Gravity Sewer (12.01' to 16.0')	LF	30	\$150.00	\$4,500.00
3	4' Dia. Precast Manhole				
3a	4' Dia. Manhole (8.01' to 12.0')	EA	10	\$11,498.00	\$114,980.00
3b	4' Dia. Manhole (12.01' to 16.0')	EA	2	\$14,503.00	\$29,006.00
4	5' Dia. Precast Manhole				
4a	5' Dia. Manhole (12.01' to 16.0')	EA	1	\$25,823.00	\$25,823.00
4b	5' Dia. Manhole (16.01' and Deeper)	EA	2	\$35,928.00	\$71,856.00
5	Manhole Frame and Cover				
5a	Standard Manhole Frame and Cover	EA	2	\$505.00	\$1,010.00
5b	Watertight Manhole Frame and Cover	EA	13	\$1,157.00	\$15,041.00
6	Manhole Vent Assembly	EA	3	\$4,243.00	\$12,729.00
7	Connect to Existing 8" Sewer Line	EA	4	\$4,142.00	\$16,568.00
8	Connect to Existing 18" Sewer Line	EA	1	\$5,812.00	\$5,812.00
9	Abandon Existing Manhole in Place	EA	8	\$2,750.00	\$22,000.00
10	Abandon Existing 8" Gravity Sewer by Flowable Fill	LF	250	\$15.00	\$3,750.00
11	4" Service Assembly	EA	4	\$8,023.00	\$32,092.00
12	4" Service Line (Regardless of Depth)				
12a	4" Ductile Iron Service Line	LF	25	\$88.00	\$2,200.00
12b	4" PVC Service Line	LF	50	\$95.00	\$4,750.00
13	6" Service Assembly	EA	3	\$7,375.00	\$22,125.00
14	6" Service Line (Regardless of Depth)				

****CERTIFIED DETAILED BID TABULATION****
SOUTH GRANVILLE WATER AND SEWER AUTHORITY
I-85 SANITARY SEWER IMPROVEMENTS - CONSTRUCTION PACKAGE 2
BID DATE: JUNE 12, 2025

Item No.	Description	Unit	Quantity	Unit Bid Price	Extended Total
14a	6" Ductile Iron Service Line	LF	20	\$72.00	\$1,440.00
14b	6" PVC Service Line	LF	20	\$95.00	\$1,900.00
15	Install and Maintain Silt Fence	LF	5000	\$5.20	\$26,000.00
16	Install and Maintain all other Erosion Control Measures	LS	1	\$15,278.00	\$15,278.00
17	Additional for Over-Excavation and Backfill, where approved by Engineer	CY	45	\$97.00	\$4,365.00
18	Install Anti-seep Concrete Collars	EA	7	\$2,468.00	\$17,276.00
19	Traffic Control	LS	1	\$10,221.00	\$10,221.00
20	Asphalt Road Restoration				
20a	a. Milling	SY	85	\$23.00	\$1,955.00
20b	b. Surface Course	SY	85	\$92.00	\$7,820.00
20c	c. Base Course or Intermediate	SY	25	\$563.00	\$14,075.00
21	Install and Maintain Existing Tree Protection	LF	4200	\$3.00	\$12,600.00
22	Pre-Construction CCTV Inspection for Lateral Location Identification	LF	2000	\$7.00	\$14,000.00
23	Pre-Construction Lateral Status Verification	EA	10	\$434.00	\$4,340.00
24	Post-Construction CCTV Inspection	LF	3230	\$4.00	\$12,920.00
25	Perform Final Site Restoration	LS	1	\$8,743.00	\$8,743.00
26	Rock Excavation	CY	2150	\$216.00	\$464,400.00
27	Mobilization/Demobilization and Bonds	LS	1	\$43,495.00	\$43,495.00
SUBTOTAL SECTION J				SUBTOTAL	\$1,452,160.00
Section K - Falls Commerce Force Main Relocation					
1	Abandon Existing 6" Force Main	LS	1	\$9,110.00	\$9,110.00
2	Reroute 6" Force Main to SMH 5771	LS	1	\$16,456.00	\$16,456.00
3	Mobilization/Demobilization and Bonds	LS	1	\$791.00	\$791.00
SUBTOTAL SECTION K				SUBTOTAL	\$26,357.00
TOTAL BID ALTERNATES G, H, I, J & K				SUBTOTAL	\$8,388,791.00

The base bid and alternate totals tabulated herein were publicly opened and read aloud on the 12th of June, 2025
at 415 Central Avenue, Suite B Butner, NC 27509
Bids was accompanied by a bidder's bond.

CDM Smith
4130 Parklake Ave Suite 350
Raleigh, NC 27612





August 5, 2025

Mr. Scott N. Schroyer
Executive Director
South Granville Water and Sewer Authority
415 Central Avenue, Suite B
Butner, NC 27509

Subject: I-85 Sanitary Sewer Improvements – Construction Package 2
Engineer's Recommendation of Award

Dear Mr. Schroyer:

On Thursday May 22, 2025, one (1) bid was received for the I-85 Sanitary Sewer Improvements – Construction Package 2 project. The project was re-advertised, and one (1) bid was received and opened on Thursday June 12, 2025. CDM Smith has reviewed this bid and has prepared the enclosed certified detailed bid tabulation for your reference.

The one bidder on the project is as follows:

Bidder	Base Bid	Bid Alternate	Total Bid
Park Construction of NC: Morrisville, NC	\$38,111,190.00	\$8,388,791.00	\$46,499,981.00

The bidder acknowledged the receipt of the five (5) addenda and notice for re-advertisement. Included in the Bid was a bid bond in the amount of five (5) percent of the Grand Total Base Bid and identification of minority business participation. All other required documentation was provided.

Based on discussions with SGWASA, there is not available budget to fund the Total Bid. SGWASA determined that none of the Bid Alternates would be selected and that Section A – Northern Interceptor of the Base Bid should be removed. CDM Smith reached out to Park Construction on the changes and to request a credit for removing Section A – Northern Interceptor from the Base Bid. Park Construction responded that the full price included in the Subtotal for Section A – Northern Interceptor of \$7,872,908.00 can be credited back to SGWASA and that no changes will be required to Section B – Southern Interceptor, Section C – Existing Wilkins Road Lift Station Abandonment, Section D – Existing Mount Hope Lift Station Abandonment, Section E – Existing 11th Street Lift Station Abandonment, and Section F - Other.

CDM Smith recommends that SGWASA award the construction contract to Park Construction of NC for the Base Bid, excluding Section A – Northern Interceptor, in the total amount of **\$30,238,282.00**. A copy of the Certified Bid Tabulation is enclosed with this recommendation.



Mr. Scott Schroyer
August 5, 2025
Page 2

Should you have any questions about this information, please do not hesitate to contact us.

Thank you,

A handwritten signature in black ink that reads "Michael K. Sloop".

Michael K. Sloop, P.E.
CDM Smith

cc: B. Mason, P.E., CDM Smith
R. Nance-Gonzalez, P.E., CDM Smith





SOUTH GRANVILLE WATER AND SEWER AUTHORITY

RESOLUTION OF MEMBERS

RESOLUTION OF TENTATIVE AWARD

WHEREAS, the South Granville Water and Sewer Authority received a bid, pursuant to duly advertisement notice therefore, for construction of the I-85 Sanitary Sewer Improvement Project – Construction Package #2, and

WHEREAS, CDM Smith, the Consulting Engineers for the project, has reviewed the bid; and

WHEREAS, Park Construction of NC, Inc., was the lowest bidder for the I-85 Sanitary Sewer Improvement Project – Construction Package #2, in the total negotiated bid amount of \$30,238,282.00, and

WHEREAS, the consulting Engineers recommend **the TENTATIVE AWARD** to the lowest bidder.

NOW, THEREFORE, BE IT RESOLVED that **TENTATIVE AWARD** is made to the lowest bidder in the Total Bid Amount of \$30,238,282.00

Name of Contractor	Amount
Park Construction of NC, Inc.	\$30,238,282.00

BE IT FURTHER RESOLVED that such **TENTATIVE AWARD** be contingent upon the approval of the North Carolina Department of Environmental Quality.

Upon motion of _____, seconded by _____, the above **RESOLUTION** was adopted.

Adopted by the South Granville Water and Sewer Authority on the 14th of October 2025.

SGWASA Chairman

ATTEST: _____
Board Secretary

Agenda Item - 11

Topics:

- Post Filter PFAS Treatment System Directed Projects Grant \$5M - Resolution by Governing Body of Recipient
- Agreement Between the South Granville Water and Sewer Authority and CDM Smith for Preliminary and Final Design of a Post Filter PFAS Treatment System at the SGWASA Water Treatment Plant in an amount not to exceed \$3,209,800.

Requested Actions:

- The Board approve the Post Filter PFAS Treatment System Directed Projects Grant \$5M - Resolution by Governing Body of Recipient.
- The Board approve a contract between SGWASA and CDM Smith for engineering design services related to the preliminary and final design of a post filter PFAS treatment system at the SGWASA Water Treatment Plant.

Presenter: Scott N. Schroyer, Executive Director. A representative from CDM Smith (consultant) is scheduled to attend this meeting.

Background:

S.L. 2023-134 Appropriations Act Directed Project for Post Filter GAC PFAS Treatment System DWI Project No. SRP-D-134-0236

The 2023 Appropriations Act, Session Law (S.L. 2023-134), allocated \$2 billion for water and sewer infrastructure, including directed grants for 201 local governments. The South Granville Water and Sewer Authority (SGWASA) received a Directed Project grant of \$5M.

Grant funds for the Directed Projects listed in Section 12.2.(e) are administered through the Drinking Water Reserve and the Wastewater Reserve. For local governments with a 2023 Directed Project, the Directed Projects grants will be disbursed as invoices are submitted and reviewed. Costs incurred by the local government related to the specified project and eligible under the Drinking Water Reserve and Wastewater Reserve will be paid by DEQ's Division of Water Infrastructure upon invoice, up to the amount available in the grant for the project. Per Section 12.2.(k), 1.5% of the appropriated amount of each Directed Project will be used for departmental administrative costs in lieu of the typical grant fee charged to projects.

The Division of Water Infrastructure requires local government grant recipients to complete a Request for Funding (RFF) form to gather project information, project budget, and the contact information of the local government. After receiving the RFF for an eligible project, the Division of Water Infrastructure will send a "Letter of Intent to Fund" to the Authorized Representative of the local government, providing the project number, required timeline and milestones for project management, and the Division of Water Infrastructure project manager's contact information. The local government's governing board must pass a resolution accepting the funding offer with the related conditions and assurances.

Following the Directed Projects grant award, SGWASA staff contacted the Division of Water Infrastructure to discuss potential water and wastewater infrastructure improvement projects that could qualify for the grant award, and to find out the timing of completing the RFF. The Division of Water Infrastructure staff informed SGWASA staff that there was not a specific

deadline for the RFF, nor the reimbursement of the funding. SGWASA staff inquired about these due dates because other grants, such as the American Rescue Plan Act (ARPA) had specific due dates for application and reimbursement.

Following additional discussions with the Division of Water Infrastructure in 2023 and 2024, SGWASA staff determined, with the assistance of the Division of Water Infrastructure, that the Post Filter PFAS Treatment System engineering design and construction project would be a grant-qualified project to submit for funding.

During 2024, while CDM Smith (one of SGWASA's on-call engineering firms) was preparing for the PFAS Pilot Study implementation (\$500,000 Asset Inventory and Assessment (AIA) grant AIA Grant Funded Project), SGWASA requested assistance from CDM Smith to:

- Complete the required scope of work for engineering design and construction for a Post Filter PFAS treatment system project,
- Assistance with completing and submitting the Directed Projects grant RFF.

In January 2025, following several months of work to complete the items listed above, SGWASA submitted the Request for Funding (RFF) form to the Division of Water Infrastructure for engineering design and construction for a Post Filter PFAS treatment system project.

In March 2025, the North Carolina Department of Environmental Quality (NCDEQ) provided SGWASA with a Letter of Intent to Fund S.L. 2023-134 Appropriations Act Directed Project: Post Filter PFAS Treatment System DWI Project No.: SRP-D-134-0236 in the amount of \$4,925,000, excluding administrative costs of \$75,000.

At the April 8, 2025 SGWASA Board of Directors regular monthly meeting, the Board of Directors approved the Resolution by Governing Body of Applicant associated with S.L. 2023-134 Appropriations Act Directed Project: Post Filter PFAS Treatment System DWI Project No.: SRP-D-134-0236.

Note: The Applicant resolution was required at the application/RFF stage, and the Recipient resolution is required after the funding offer.

PFAS Pilot Testing Program

On April 10, 2024, the U.S. EPA finalized the National Primary Drinking Water Regulation (NPDWR) for six PFAS, setting enforceable Maximum Contaminant Levels (MCLs). Public water systems must comply by April 26, 2029, if PFAS levels exceed these limits.

PFAS, often called “forever chemicals,” persist in the environment and are found in everyday products like lotions, cleaning supplies, non-stick cookware, and dental floss. Water utilities like SGWASA are passive receivers of PFAS, which enter source waters before treatment.

To address the new regulations, SGWASA hired engineering firm CDM Smith in July 2023 to develop a PFAS Pilot Testing Program (CIP ID# 101-07, FY23–33). The \$500,000 project, funded by a grant from NCDEQ, started in October 2024 and is scheduled to conclude in the next several months.

Following months of testing, the most recent PFAS Pilot Testing Program results provided CDM Smith with sufficient information to guide them toward designing the engineered components at

the SGWASA Water Treatment Plant to achieve compliance with the U.S. EPA's National Primary Drinking Water Regulations for PFAS.

Analysis:

CDM Smith provided a draft scope of services and fee proposal for this project. The proposal has been reviewed and approved by SGWASA staff. The total cost associated with the Scope of Services from CDM Smith is \$3,209,800.00

Staff Recommendation:

- ***Grant Acceptance***
Approve the Post Filter PFAS Treatment System Directed Projects Grant in the amount of \$4,925,000 (net of 1.5% administrative costs) and adopt the accompanying Resolution by Governing Body of Recipient as required by the funding agency.
- ***Engineering Design Contract***
Authorize the Executive Director to execute a contract between SGWASA and CDM Smith for engineering design services related to the preliminary and final design of a post filter PFAS treatment system at the SGWASA Water Treatment Plant in an amount not to exceed \$3,209,800.00.
- ***The remaining balance of \$1,715,200 be used for PFAS reduction construction costs.***

Schedule:

Following Board approval, staff will provide NCDEQ with all required documents associated with the grant.

Financial:

Appropriations Act Directed Project: Post Filter PFAS Treatment System DWI Project No.: SRP-D-134-0236 in the amount of \$4,925,000, excluding administrative costs of \$75,000.

Disbursement of Funds: These funds will be disbursed to the local government unit after relevant costs are incurred by the local government and invoices are submitted to the Division. Up to 15% of the funds available for the project may be disbursed after costs are incurred during the pre-construction stage to cover design and planning costs. The remainder will be disbursed as invoices for incurred pre-construction and construction costs are submitted by the local government during construction, which may be submitted prior to or after paying the contractors for the incurred costs. Only costs eligible under NC G.S. 159G may be covered by these funds. Projects must be administered in accordance with all applicable federal law and guidance, as well as North Carolina statutes.

Funding for the CDM Smith engineering design of the Post Filter PFAS treatment system is available in designated fund balance. However, a Budget Amendment is necessary for the Board to appropriate money from the designated fund balance to the Post Filter PFAS treatment system.

Note: The project-related Budget Amendment is included in this Agenda.

Attachments:

Exhibit A: Resolution by Governing Body of Recipient.

Exhibit B: Scope of Work for Agreement Between SGWASA and CDM Smith for engineering design services related to the preliminary and final design of a post filter PFAS treatment system at the SGWASA Water Treatment Plant.

Strategic Plan Alignment:

Focus Area #1 – Safe and Reliable Water System

- **Objective #2:** *Provide for upgrades and ongoing maintenance of the water system infrastructure through regular assessments of capital assets and inclusion of needed projects in the Authority's Capital Improvement Plan (CIP).*

Executive Director's Recommended Motion:

I move the Board of Directors approve the following actions:

1. Grant Acceptance

Approve the Post Filter PFAS Treatment System Directed Projects Grant in the amount of \$4,925,000 (net of 1.5% administrative costs) and adopt the accompanying Resolution by Governing Body of Recipient as required by the funding agency.

2. Engineering Design Contract

Authorize the Executive Director to execute a contract between SGWASA and CDM Smith for engineering design services related to the preliminary and final design of a post filter PFAS treatment system at the SGWASA Water Treatment Plant in an amount not to exceed \$3,209,800.00.



South Granville Water and Sewer Authority

RESOLUTION BY GOVERNING BODY OF RECIPIENT

WHEREAS, the South Granville Water and Sewer Authority (SGWASA) received a Directed Projects grant from the 2023 Appropriations Act, Session Law 2023-134, administered through the Drinking Water Reserve and Wastewater Reserve to assist eligible units of government with meeting their water/wastewater infrastructure needs, and

WHEREAS, the North Carolina Department of Environmental Quality has offered 2023 Appropriations Act funding in the amount of \$4,925,000 to perform work detailed in the submitted application, and

WHEREAS, the South Granville Water and Sewer Authority intends to perform said Project in accordance with the agreed scope of work,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SOUTH GRANVILLE WATER AND SEWER AUTHORITY:

That the South Granville Water and Sewer Authority does hereby accept the 2023 Appropriations Act Directed Projects Grant offer of \$4,925,000.

That the South Granville Water and Sewer Authority does hereby give assurance to the North Carolina Department of Environmental Quality that any Conditions or Assurances contained in the Award Offer will be adhered to.

That Scott N. Schroyer, Executive Director, and successors so titled, is hereby authorized and directed to furnish such information, as the appropriate State agency may request, in connection with such Project; to make the assurances as contained above; and to execute such other documents as may be required by the Division of Water Infrastructure.

Adopted on the 14th day of October 2025 at Butner, North Carolina.

Commissioner Jimmy Gooch - Chair Date

Attest: Board Secretary Date

Exhibit B: Scope of Work for Agreement Between contract between SGWASA and CDM Smith for engineering design services related to the preliminary and final design of a post filter PFAS treatment system at the SGWASA Water Treatment Plant.

9/26/2025

**EXHIBIT A
TO AGREEMENT BETWEEN
OWNER AND ENGINEER
SCOPE OF SERVICES/DESCRIPTION OF PROJECT**

**PRELIMINARY AND FINAL DESIGN
POST FILTER PFAS TREATMENT SYSTEM
SOUTH GRANVILLE WATER AND SEWER AUTHORITY**

This is an exhibit attached to and made part of the Agreement between the South Granville Water and Sewer Authority (SGWASA) and CDM Smith Inc. (ENGINEER) for professional services. ENGINEER will provide the basic services defined herein for the PROJECT.

PART 1.0 PROJECT DESCRIPTION

The PROJECT will address the professional engineering design services for a new process treatment system to reduce perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) in drinking water produced at SGWASA's Water Treatment Plant (WTP). This is in response to the United States (US) Environmental Protection Agency's (EPA) April 2024 release of a National Primary Drinking Water Regulation (NPDWR) to establish legally enforceable levels, called Maximum Contaminant Levels (MCLs), for PFAS in drinking water.

SGWASA has already engaged ENGINEER to perform a pilot study at the WTP to evaluate treatment technologies for the removal of PFAS from drinking water to evaluate removal efficiency and estimate operation and maintenance (O&M) costs from different technologies. Technologies being evaluated are granular activated carbon (GAC), Anion Exchange Resin (AER), and Novel Sorbent (NS). The pilot study commenced in October 2024 and is planned to continue until October 2025. A Draft Pilot Report is planned to be issued in December 2025. All three technologies piloted to date have successfully reduced PFOA and PFOS to levels below the MCLs.

The EPA published a press release in May 2025 indicating intent to (1) hold to the PFOA and PFOS MCLs announced in April 2024, (2) rescind and review the regulatory determinations published for four other PFAS compounds, and (3) extend the PFAS Rule compliance deadline from 2029 to 2031. Given this intended revision to the compliance deadline, SGWASA has requested the ENGINEER provide full design services for a new Post Filter PFAS treatment system, for SGWASA to solicit construction bids under the traditional Design-bid-build (DBB) project delivery method. The design will consist of engineering services for the following proposed studies and improvements for a new Post Filter PFAS treatment system.

1. **Manganese and Iron Optimization:** Perform an optimization study to characterize iron and manganese in the raw water and distribution system and recommend an improved strategy for iron and manganese control at the WTP.
2. **Corrosion Control Study:** In response to optimizing iron and manganese treatment and adding a new PFAS treatment system, the ENGINEER will perform a corrosion control study and provide recommendations for optimal post treatment options.

3. **Civil Site Improvements:** Perform a topographic survey and site analysis to determine a location for the new treatment system based on the current WTP, SGWASA's future facility plans, and site civil features.
4. **Transfer Pump Station:** A new transfer pump station is required to collect and convey finished water from the filters to the new treatment process and provide filter backwash water. It is anticipated this will include yard piping, a new wet well structure, a hydraulic overflow/bypass feature, transfer pumps, and required appurtenances. It is assumed the pump station will be housed in the new PFAS treatment system building.
5. **Post Filter PFAS Treatment System:** New pressure filters inside a new building. The pressure filter design will include pressure vessels, piping, valves, automated controls, chemical storage and feed, and necessary appurtenances for a complete system. The new building will include separate areas for process, electrical, and storage to support the new treatment system.

PART 2.0 BASIC SERVICES

SGWASA desires the ENGINEER to provide the following basic services to support the PROJECT:

- Task 100. Project Initiation, Implementation, & Management
- Task 200. Field Services
- Task 300. Oxidation Processes Assessment and Training
- Task 400. Basis of Design Report
- Task 500. Final Engineering Design Services
- Task 600. Regulatory Permitting
- Task 700. Funding Support
- Task 800. Bid Phase Services
- Task 900. Additional Allowances

SGWASA intends to utilize Design-Bid-Build project delivery method. As such, SGWASA may initiate a subsequent Amendment to this Contract for the ENGINEER to complete the following future phases of Work:

- Task 1000. Construction Phase Services
- Task 1100. Design of Iron and Manganese Removal Capital Improvements

TASK 100 PROJECT INITIATION, IMPLEMENTATION, & MANAGEMENT**101 Project Schedule**

A comprehensive schedule outlining the primary activities for each design task will be prepared at the beginning of the PROJECT. The preliminary schedule will be presented to SGWASA for review, after which it will be finalized and distributed electronically to SGWASA.

102 Project Initiation and Work Plan

A PROJECT kick-off meeting will be held with SGWASA to discuss PROJECT schedule, administrative procedures, respective responsibilities, communications with SGWASA contacts, SGWASA expectations, progress reporting, data collection and other PROJECT matters. Key stakeholders from SGWASA and ENGINEER's project team are expected to attend.

103 Project Meetings

The ENGINEER has included the following project management meetings for the development of TASKS 200 through 700. The ENGINEER will prepare meeting minutes summarizing and documenting major points of discussion, decisions made and action items for future meetings and coordination calls. The meeting schedule is as follows:

- Project Kickoff Meeting. It is anticipated this will occur at SGWASA's office or the ENGINEER's office for a duration of 2 hours.
- Two (2) Milestone Review Meetings for Task 400. It is anticipated these will occur at SGWASA's office or the ENGINEER's office for a duration of 2 hours. These meetings are budgeted under Task 400.
- Two (2) Milestone Review Meetings for Task 500. It is anticipated these will occur at SGWASA's office or the ENGINEER's office, each for a duration of 2 hours. These meetings are budgeted under Task 500.
- Ten (10) Project Status meetings. It is anticipated these meetings will occur every two months, virtually, and be 30 minutes in duration. The purpose of these meetings is to communicate progress, provide PROJECT status updates, and collaborate with SGWASA on important action items and planning decisions.
- Six (6) Technical Design Meetings. It is anticipated that these will be 60-minute, virtual design meetings to review site specific design needs and alternatives. During the meetings, draft design drawings and concepts will be shared virtually to allow for real-time collaboration to resolve open design items. Specific materials to be shared will be at ENGINEER's discretion. These meetings are budgeted under Tasks 400 and 500.
- Four (4) Funding Meetings. It is anticipated that these meetings will be with the United States Department of Agriculture (USDA) – Rural Development Program and will be 30-minute, virtual meetings to coordinate on various submittal requirements and PROJECT progress. These meetings are budgeted under Task 703.

104 Quality Control

ENGINEER will undertake quality control activities in accordance with the ENGINEER's Quality Management System (QMS) that includes monthly reviews and Project status reporting, communication plans, and independent specialist reviews.

105 Project Administration

ENGINEER will perform project administration activities throughout the life of the PROJECT consisting of:

1. Maintain a PROJECT filing system throughout life of PROJECT to use for storage and retrieval of PROJECT documents.
2. Prepare monthly invoices for ENGINEER's services in format acceptable to SGWASA.
3. Maintain a PROJECT cost accounting system throughout the life of the PROJECT.

Deliverables

1. PROJECT Schedule
2. PROJECT Meeting Agendas and Minutes
3. Monthly PROJECT Invoices and Progress Reports

TASK 200 FIELD SERVICES**201 Site Visits**

ENGINEER has planned for two (2) site visits for key engineering disciplines represented to visually observe and evaluate existing facility conditions, gather available data, and interview SGWASA staff (as appropriate) regarding existing operations and preferences for improvements. Assessments of existing structures located below grade, or below the hydraulic surface are excluded. ENGINEER will not enter any confined spaces, such as existing tanks during site visits. It is anticipated the following engineering disciplines will participate in site visits:

- Process Mechanical
- Site/Civil
- Electrical
- Instrumentation
- Structural
- Geotechnical

202 Field Survey

The ENGINEER will review the current historical survey records of the SGWASA WTP made available by SGWASA and perform a Survey Gap Analysis. The results of the analysis are to identify if historical surveys require updating and which areas of the site require surveying. It is assumed surveying is required in the areas of the proposed improvements, up to 9.4 acres, see Attached Figure A-1, and existing built upon area has existing survey available in AutoCAD format.

The ENGINEER shall retain subconsultants to perform surveying services to perform a topographic survey in the areas of the proposed improvements, as well as existing areas of the SGWASA WTP. Survey shall capture existing plant features to verify elevations of process tanks, wet wells, weirs, and other hydraulic controlling features of the existing WTP. Survey will be limited to capturing top elevations of structures, invert elevations of pipes and channels accessible via surface structures, and wet well top and bottom elevations as deemed necessary by the ENGINEER. All surveying shall be in accordance with current North Carolina surveying standards and conducted using conventional, GPS, or other accepted methods. Local benchmark(s) as established by the National Geodetic Survey shall be used to establish horizontal and vertical control within the PROJECT limits. The NAD83 and NAVD88 horizontal and vertical datums, respectively, shall be used.

203 Level A&B Subsurface Utility Engineering (SUE)

ENGINEER shall retain the services of a subconsultant to perform Level A and B SUE services within the PROJECT area to identify the location of existing yard and utility piping.

To locate non-gravity utilities in the project area, subconsultant will perform an SUE investigation to include Quality Level B (utility designation) services. Radio-frequency electromagnetic technology will be used to designate the approximate horizontal location of underground utility lines within the PROJECT area.

Level A SUE will consist of vacuum excavation and surface restoration for up to 20 locations to a depth of up to 10 feet below grade. The test holes will be restored using cold patch for paved areas and seed and straw for unpaved areas. Coordination with Plant Operations is required to avoid affecting typical plant operations.

204 Geotechnical Investigation

The ENGINEER will perform up to five test borings to depths between 20 and 40 feet below grade or auger refusal. It is assumed up to 15 feet of rock coring may be conducted at up to two test boring locations. The drilling subcontractor will perform a site reconnaissance, test boring locations will be flagged, and utility locates will be called. The drilling subcontractor will provide private utility locating services. The ENGINEER requests that plant personnel assist the ENGINEER to identify boring locations clear of underground utilities.

Following the site reconnaissance and clearing of underground utilities, an all-terrain drill rig will be mobilized to drill the test borings. The test borings will be advanced utilizing hollow stem auger or mud rotary drilling techniques and will be sampled at selected intervals by the standard penetration test procedure. The ENGINEER's geotechnical engineer will observe and log the test borings. Laboratory testing will be performed on select samples.

The ENGINEER will prepare a Geotechnical Design Report that will present a summary of the geotechnical laboratory test results and subsurface conditions, geotechnical design recommendations, and construction considerations for the proposed structures.

205 Continued Pilot Services

The ENGINEER will continue with the operation and maintenance of the media pilot test as specified in Task Order No. 01 between SGWASA and ENGINEER, dated August 20, 2024. It is necessary to continue with the pilot to accurately assess media breakthrough to provide a determination of lifecycle costs. The ongoing pilot will be conducted in parallel with design activities, so as not to delay the schedule for completing design.

The ENGINEER will operate and maintain the pilot on a reduced frequency, visiting twice per month. The ENGINEER will continue operating and maintaining the media test pilot for up to four additional months through February 2026. The pilot test pilot system equipment lease will end upon conclusion of the pilot.

This subtask includes a laboratory services allowance assuming 36 PFAS samples using EPA Method 533 and 36 total organic carbon (TOC) samples.

TASK 300 PROCESS STUDIES AND TRAINING

301 Iron and Manganese Removal Technical Memorandum

The detection of iron and manganese in treated water during the pilot study has posed challenges to the efficiency of PFAS treatment. Manganese has blinded the filter media, affected treatment performance and required more frequent operator intervention such as backwashing. Therefore, an optimization study is recommended to evaluate and characterize iron and manganese levels in the rate water and distribution system and recommend optimal strategies for iron and manganese control.

The ENGINEER will review existing data from the SGWASA WTP, consisting of: flow rates, potassium permanganate and sodium hypochlorite doses, iron and manganese levels, free and total chlorine residuals, pH, alkalinity, coagulant doses, and filter runtimes. The ENGINEER will also review existing reports related to the WTP's filter operations and improvements. The ENGINEER will conduct one (1) initial site visit consisting of two days at the plant to document existing equipment locations, controls, dosing points, mixing equipment, and to conduct a manganese profile through the plant to identify additional sources of manganese (such as recycled water, contributions from the ferric sulfate coagulant, and contributions from filter release). The ENGINEER will also conduct jar testing to identify different treatment approaches, such as using a non-acidic coagulant with no manganese byproducts to, precipitation and oxidation approaches and possible combination of approaches.

The ENGINEER will utilize water quality and geochemical models to characterize how manganese travels through the treatment process and will model approaches that include oxidation and precipitation treatments to capture manganese in the filters and minimize manganese release into the distribution system.

The ENGINEER will prepare a Draft Technical Memorandum providing recommendations to SGWASA for optimization of existing processes for removal of iron and manganese. The Draft Technical Memorandum will also identify potential WTP capital improvements for SGWASA to consider under an Amendment to this Contract (Task 1100). A review meeting will be held to discuss SGWASA comments on the Draft Technical Memorandum. A revised Final Technical Memorandum will be submitted addressing SGWASA review comments received at the review meeting.

Deliverables

1. Draft Optimal Manganese Removal Treatment Technical Memorandum
2. Final Optimal Manganese Removal Treatment Technical Memorandum

302 Iron and Manganese Removal Training Development and Delivery

The ENGINEER will develop a training curriculum for SGWASA WTP operations staff based on findings from the Technical Memorandum enumerated under Subtask 301. Training will consist of best practices for iron and manganese removal. A draft Training Curriculum will be submitted to SGWASA for review and comment. The ENGINEER will revise the Training Curriculum based on comments from SGWASA.

Following revision of the Training Curriculum, ENGINEER will conduct up to two (2) days of training for SGWASA operations staff to implement the oxidation processes best practices enumerated in the Technical Memorandum. Training will consist of classroom presentations and hands-on field exercises. Training sessions will be facilitated Monday through Friday between the hours of 7:00 a.m. and 5:00 p.m. on days agreed upon by SGWASA and the ENGINEER.

Deliverables

1. Draft Training Curriculum presentation slides and handouts
2. Final Training Curriculum presentation slides and handouts

303 Corrosion Control Study

Per the North Carolina Department of Environmental Quality's (NCDEQ) Lead and Copper Rule, 15A NCAC 18C.1507, a long-term change at the WTP, such as a new treatment step, can impact corrosion control treatment and compliance, requiring a re-evaluation of the WTP's corrosion control treatment strategy. To address these issues and meet regulatory standards for lead, copper, and other water quality parameters, a corrosion control optimization study is proposed. This study will review the proposed long-term changes for both PFAS treatment and iron and manganese treatment and recommend an optimized corrosion control strategy to comply with the Lead and Copper Rule. It is assumed that the existing plant can modify the current corrosion control strategy through operational changes and excludes engineering design for new equipment.

The ENGINEER will conduct an initial workshop to discuss approach and to discuss missing data gaps to complete the scope of work. Prior to the workshop, the ENGINEER will request the following data and perform a detailed review to identify missing data gaps that are needed to conduct post treatment water quality modeling.

- Historic treated water quality data from all existing sources
- Review historic distribution water quality data
- Review Compliance data
- Review GIS data of existing distribution piping material

ENGINEER will perform two sampling events on filtered plant effluent and pilot train effluent for corrosion control water quality parameters such as ORP, alkalinity, pH, alkalinity, calcium, TDS, and disinfectant residuals throughout the process. An allowance of \$10,000 has been provided for laboratory analysis through a third-party state certified laboratory.

For improved accuracy of the models and to characterize existing pipe-scales, a distribution system assessment will be conducted to identify true concentrations of mobile deposit metals such as manganese build-up, ORP readings in conjunction with other key water quality parameters.

A sampling plan will be developed by the ENGINEER and with approval of the SGWASA, Low and high velocity water samples will be collected from up to ten (10) fire hydrants throughout the distribution system at targeted locations related, pipe-materials, pipe age and geographical spacing. This assessment can be conducted in one day and can be accomplished immediately following the manganese treatment optimization task. With the assistance of SGWASA distribution staff to operate hydrants, the ENGINEER will collect samples and conduct the analysis using its own equipment, staff and vehicle.

The ENGINEER will conduct specialized on-site bench-scale testing from the existing treatment plant and the pilot(s) to obtain the minimum specific data required for geochemical modeling.

The ENGINEER will create a model characterizing the existing pipe scales and deposits, impacts of post treatment option and blends including the potential use of:

- pH/alkalinity adjustment chemicals
- Orthophosphate, blended phosphate, and polyphosphate inhibitors and sequestering agents

Modeling will include impacts on existing pipe-scales when exposed to different plant effluent water quality as identified from the iron and manganese optimization study and different treatment trains recommended from the pilot study.

ENGINEER will prepare a Draft Technical Memorandum providing recommendations for optimal post treatment options for corrosion control. The Draft Technical Memorandum will also identify potential WTP capital improvements for SGWASA to consider under an Amendment to this Contract (Task 1100). A review meeting will be held to discuss SGWASA comments on the Draft Technical Memorandum. SGWASA comments will be addressed, and a revised Final Technical Memorandum will be submitted.

Deliverables

1. Draft Optimal Post Treatment Options for Corrosion Control Technical Memorandum
2. Final Optimal Post Treatment Options for Corrosion Control Technical Memorandum

TASK 400 BASIS OF DESIGN REPORT**401 Site Layout Technical Memo**

ENGINEER will prepare a technical memo that will recommend site considerations and locations for the new Post Filter PFAS Treatment System and requirements for space reservations for future expansions. The memo will provide a basis for determining where to collect post filter water and how to convey post filter water to the proposed Post Filter PFAS Treatment System, as well as review the existing electrical service and feed to provide recommendations for expansion or modifications. ENGINEER will deliver the technical memo to the client for review.

Two weeks after the delivery of the technical memo, ENGINEER shall conduct a milestone review (see Task 103), where ENGINEER and SGWASA review submitted material, respond to SGWASA comments, and make decisions to advance the PROJECT. ENGINEER will prepare minutes for the workshop summarizing and documenting major points of discussion, decisions made and action items with schedule for team members. Comments on this technical memo will be incorporated into the Basis of Design Report (BODR).

402 Basis of Design Report

ENGINEER will prepare a BODR and supporting documents for a 30% design. The BODR shall establish and verify the basis of design criteria, site layout, hydraulic design, control, and other pertinent features.

The following items will be evaluated in the BODR:

- Pilot Study Results – Review of pilot results to verify that a PFAS system designed to accommodate multiple types of treatment media is still preferred
- Review of Existing Plant Operations and Facility As-Built Drawings
- Influent Water Characteristics
- Treated Water Quality Targets
- Regulatory Review
- AACE Class 4 (-30/+50%) Opinion of Probable Construction Cost (OPCC) Estimate

The BODR will also contain the following

- 30% Drawings – Refer to attached Table A-1:
- Draft Sheet List and Draft Technical Specification Table of Contents
- Preliminary Equipment Specification Table
- Preliminary Electrical Load List
- Preliminary Utilities Service Index (requirements for gas, water, air, etc.)
- Geotechnical Boring Location Recommendations
- Preliminary Final Design and Construction Schedule

Two weeks after the delivery of the BODR, ENGINEER shall conduct a BODR milestone review (see Task 103), where ENGINEER and SGWASA review submitted material, respond to SGWASA comments, and make decisions to advance the PROJECT. Equipment preferences, major maintenance of plant operations (MOPO) strategies, OPCC, and construction schedule will be discussed at this meeting. This workshop is intended to be a launching pad into the final design phase. ENGINEER will prepare minutes for the workshop summarizing and documenting major points of discussion, decisions made, and action items with schedule for team members. The BODR will be revised after this milestone review, and a final copy of the revised BODR will be submitted to SGWASA.

Deliverables

1. Site Scoping Technical Memo
2. Draft BODR
3. Final BODR
4. AACE Class 4 (-30/+50%) Opinion of Probable Construction Cost (OPCC) Estimate

TASK 500 FINAL DESIGN SERVICES

501 Preparation of 60% Contract Drawings and Specifications

Upon SGWASA acceptance of the draft design documents delivered under Task 400, ENGINEER will advance the design to the 60% stage. The 60% design will include drawings and specifications representing major project concepts. It will also provide the final review, validation, and vetting of the scope items and concepts identified in the 30% design documents and reflect final agreement of the fundamental design elements by SGWASA. The 60% design documents will consist of the following:

- 60% Drawings
- 60% Specifications, including preliminary front end documents and draft control narratives and final design table of contents
- Final Sheet List
- AACE Class 3 (-20/+30%) Opinion of Probable Construction Cost (OPCC) Estimate

Two weeks after delivery of the 60% Contract Drawings and Specifications, ENGINEER shall conduct a design milestone review (see Task 103), where ENGINEER and SGWASA review submitted material, respond to SGWASA comments, and make decisions to advance the PROJECT. ENGINEER will prepare minutes for the workshop summarizing and documenting major points of discussion, decisions made and action items with schedule for team members.

502 Preparation of 90% Contract Drawings and Specifications

The 90% design consists of ENGINEER's completed drawings and specifications, including incorporation of resolutions to comments submitted by SGWASA during the 60% milestone review. The 90% design will consist of the following elements:

- 90% Drawings (all sheets identified in the Final Sheet List delivered under Task 501)
- 90% Specifications (all specifications identified in the Specification Table of Contents delivered under Task 501)
- Updated Final Design and Construction Schedule
- AACE Class 2 (-15%/+20%) Opinion of Probable Construction Cost (OPCC) Estimate

Two weeks after delivery of the 90% Contract Drawings and Specifications, the ENGINEER shall conduct a design milestone review (see Task 103), where the ENGINEER and SGWASA review submitted material, respond to SGWASA comments, and make decisions to advance the PROJECT. The ENGINEER will prepare minutes for the workshop summarizing and documenting major points of discussion, decisions made and action items with schedule for team members.

503 Preparation of 100% Contract Drawings and Specifications

The 100% design consists of the complete drawings and specifications, including incorporation of resolutions to comments submitted by SGWASA during the 90% milestone review into the 100% set. The 100% design will consist of the following elements:

- 100% Drawings
- 100% Specifications
- AACE Class 1 (-10%/+15%) Opinion of Probable Construction Cost (OPCC) Estimate

TASK 600 REGULATORY PERMITTING

601 Regulatory Review

The ENGINEER shall finalize the list of permit and approval requirements based on the information collected during the BODR design phase. The ENGINEER shall discuss the proposed PROJECT with the applicable regulatory agencies to fully define the permit requirements and to identify major permitting issues that must be resolved. A permitting strategy shall be developed to address the major issues identified and to facilitate the permit acquisition process.

602 Stormwater Permitting Support

The ENGINEER will provide engineering documentation to prepare a Town of Butner Stormwater Permit Application. It is assumed two (2) stormwater control measures (SCM) or best management practices (BMP) will be included for the proposed improvements. Documentation to be provided includes the calculations for the SCMs, the SNAP tool spreadsheet, stormwater impact analysis report, and Butner Stormwater Permit Application.

603 Permits and Approvals

The ENGINEER will prepare the following permit applications using 90% design documents. The ENGINEER will prepare the submittal packages and submit to the applicable regulatory agency on SGWASA's behalf or will provide the submittal to SGWASA if SGWASA elects to submit the applications directly to the agencies.

- NCDEQ Public Water Supply Authorization to Construct
- NCDEQ Sediment and Erosion Control
- Town of Butner Stormwater Permit
- Town of Butner Site Plan Review

ENGINEER will coordinate with the regulatory agencies throughout the permit application and review process. As part of this subtask, once the permit applications are submitted, ENGINEER shall maintain contact with the regulatory agencies to monitor and, where possible, facilitate the review process.

It is assumed one response to comments for each permit submittal.

TASK 700 FUNDING SUPPORT**701 SRF Application**

The ENGINEER will prepare and submit a State Revolving Fund (SRF) Funding Application for the 2025 Fall and 2026 Spring Application cycles. One draft and one final application will be completed for the construction of the proposed PFAS treatment process. The previous opinion of probable construction cost (OPCC) prepared for the previous SRF Funding application shall be revised to reflect available information based on the progress of the preliminary engineering design. It is assumed the revised 2026 Spring Application can be resubmitted as is for two more funding requests.

702 State Appropriated Funding Support

The ENGINEER will assist SGWASA in receiving payment for the engineering services described herein for SGWASA's state appropriated allocation of the 2023 Appropriations Act for water and wastewater infrastructure improvements.

703 USDA Funding Support

The ENGINEER will assist SGWASA in applying for and facilitating a low interest loan with the United States Department of Agriculture (USDA) – Rural Development program. ENGINEER will conduct the following services associated with the program:

- **Application:** ENGINEER will coordinate with SGWASA to develop an application for funding. The application includes an Environmental Determination, Preliminary Engineering Report (PER), and application forms. ENGINEER will provide a draft application package to SGWASA for review. ENGINEER will address SGWASA review comments and submit the application on behalf of SGWASA to USDA through the RD Apply online program. ENGINEER will address up to two (2) rounds of comments from USDA.
- **Bid Documents:** ENGINEER will incorporate USDA requirements into the Division 0 specifications and submit the 100 percent Bidding Documents to USDA for review. ENGINEER will address up to two (2) rounds of comments from USDA.
- **Loan Closing Instructions:** ENGINEER will compile the Loan Closing Instructions package for submission to USDA prior to advertising the PROJECT for bid. ENGINEER will provide a draft Loan Closing Instructions package to SGWASA for review. ENGINEER will address SGWASA review comments and submit the Loan Closing Instructions package to USDA through the USDA Cloud Vault online program. ENGINEER will address up to one (1) round of comments from USDA.
- **Post Bid Documents:** ENGINEER will compile the Post Bid Documents package for submission to USDA after the PROJECT has bid. ENGINEER will provide a draft Post Bid Documents package to SGWASA for review. ENGINEER will address SGWASA review comments and submit the Loan Closing Instructions package to USDA through the USDA Cloud Vault online program. ENGINEER will address up to one (1) round of comments from USDA.
- **Engineering Services Agreement:** ENGINEER will develop an Engineering Services Agreement (ESA) for submission to USDA. The ESA will include construction administration, resident project representative, startup and training, and material testing services to be provided by ENGINEER during construction. ENGINEER services during construction is not provided as part of this Agreement.

In addition to the above submittals, ENGINEER will coordinate with SGWASA and USDA to introduce the PROJECT and conduct a preliminary feasibility assessment for funding the PROJECT, participate in up to four (4) virtual meetings with SGWASA and USDA, and provide general coordination with USDA throughout the PROJECT.

TASK 800 BID PHASE SERVICES

801 Bidding Support Services

ENGINEER will perform the following services related to Bidding and Award of a construction contract. One bidding phase for a single construction contract is assumed.

- ENGINEER will coordinate with the CITY to create a list of preferred General Contractors to perform the work for the PROJECT. Prequalification of contractors is not included in this Scope of Work.
- ENGINEER will assist the CITY in advertising for construction and maintain a record of prospective bidders to whom Contract Documents have been issued, facilitate a pre-bid conference, distribute Contract Documents and addenda to plan holders and plan rooms.
- Prepare addenda as appropriate to interpret, clarify, or further define the Contract Documents. Addenda will be issued by ENGINEER. The cost assumes up to three (3) addenda.
- Consult and advise CITY to determine the acceptability of substitute materials and equipment proposed by Contractor(s) when substitution prior to the award of contracts is allowed by the Contract Documents.
- Facilitate a bid opening, evaluate bids, provide certified bid tab, and prepare a recommendation of award.

TASK 900 ADDITIONAL ALLOWANCES

An allowance of \$250,000 has been included in the Agreement for additional services to be used if authorized in writing by SGWASA. Potential additional services identified in this Agreement include, but are not limited to:

- Field Services - Topographic Survey, Geotechnical, and subsurface utility engineering (SUE) beyond the assumed amount of extent defined in Task 200 or where unforeseen conditions increase the effort required may be provided. Water and solids sampling efforts should additional field data be required to execute services in this Scope of Work.
- Laboratory Services – analytical and procedural laboratory services should additional data be required to execute services in this Scope of Work.
- Powder Activated Carbon (PAC) review and assessment.
- Contractor prequalification.
- Permitting – additional permitting services beyond those defined in Task 500.
- Additional Federal or State funding applications or related engineering reports.
- Preparation of documentation and reports required for release of SRF funds committed to the PROJECT as a result of the application submitted under Task 701.
- Attendance to board meetings or participation in social media or other public outreach efforts to support the PFAS treatment system.
- Other professional services that are not included in the Scope of Work provided in this Agreement but are identified and authorized by SGWASA.

If additional services are to be provided under Task 900, ENGINEER will develop a written scope and fee estimate based on the information available at the time. ENGINEER shall not utilize any funds in this task without prior written authorization by SGWASA.

PART 3.0 ADDITIONAL SERVICES (NOT BUDGETED AT THIS TIME)

ENGINEER agrees to perform additional services as requested and authorized by SGWASA and as may be determined throughout the life of this PROJECT. If the need for such services is identified, ENGINEER will prepare an amendment to this Agreement or a new Agreement that will include scope, fee, and schedule and will submit to SGWASA for approval. If approved, the Additional Services will be performed upon receipt of written authorization from SGWASA. Additional services will include, but not limited to, the following tasks:

Task 1000	Construction Phase Services
Task 1100	Design of Iron and Manganese Removal Capital Improvements

PART 4.0 ASSUMPTIONS AND EXCLUSIONS

The following is a list of assumptions and exclusions made when developing the scope of work:

- Services extending beyond the Scope of Work described in Tasks 100 to 800, herein, and the timeframe described in Part 6.0 of this document are excluded from the Scope of Work.
- It is assumed the Post PFAS Treatment system will be a pressure vessel system designed for granular activated carbon (GAC) media.
- Additional Bench Scale professional services are excluded from this Scope of Work.
- The Post Filter PFAS Treatment System and Transfer Pump Station are housed in a common building. Value engineering services associated with locating the Transfer Pump Station separately is excluded from this Scope of Work.
- Landscape design and Buffer requirements are not included.
- Deep foundations are not required.
- Soil and groundwater contamination will not be encountered.
- An environmental assessment will not be required.
- Wetland/stream/riparian buffer delineations, species evaluations, archaeological and cultural resources surveys, and Section 404/401/Riparian Buffer permits are not included.
- Regulatory Permitting not specifically described in the Scope of Work is not included.
- NCDOT Permits (encroachment, driveway) are not included.
- Air quality permits will not be needed.
- ENGINEER will pay permitting fees for permits identified herein.
- Fees required for mitigation/nutrient buydown credits are excluded.
- Construction Phase professional services are excluded.
- ENGINEER will submit applications for funding to NCDWI and USDA, but does not guarantee funding will be received.
- Services to support the North Carolina Division of Water Infrastructure (DWI) Clean Water State Revolving Fund (CWSRF) program are excluded; such as Engineering Reports (ER) or Environmental Information Document (EID). At the time of preparing this contract, SGWASA has received a congressional allocation, which does not require an ER or EID.

- A preliminary observation indicates the existing electrical switchboard may not have enough capacity for the proposed improvements. For the purpose of this design it is assumed a new power service and auxiliary power is required.
- It is assumed that SGWASA will provide GIS shape files of their water distribution systems for corrosion control modeling.
- Conformed Drawings and technical specifications that incorporate addenda and bid alternatives prior to the start of construction are excluded from this scope of work. It is assumed conformed drawings will be provided with future services by amendment presented in Part 3.0.
- Based on historical structures on the site not having deep foundations, it is assumed that deep foundations are not required for future improvements.

PART 5.0 SGWASA RESPONSIBILITIES

The responsibilities of the SGWASA as described in this scope are as follows:

- Provide the ENGINEER with plant operation data, survey information, records, record drawings, operations manual, reports, and other design related historical information.
- Provide as-built drawings of existing buildings and features that require modification to support the proposed improvements.
- Provide GIS shape files and water distribution models for corrosion control study.
- Arrange site access as necessary.
- Provide review comments on PROJECT deliverables within 2 weeks.
- Prompt scheduling and attendance to meetings.
- SGWASA shall be responsible for, and ENGINEER may rely upon, the accuracy and completeness of all requirements, programs, instructions, reports, data, and other information furnished by SGWASA to ENGINEER pursuant to this Agreement. ENGINEER may use such requirements, programs, instructions, reports, data, and information in performing or furnishing services under this Agreement. ENGINEER's scope of work does not include verifying SGWASA Provided Information for accuracy or completeness. SGWASA may request an independent review of SGWASA Provided Information by ENGINEER pursuant to a mutually agreed amendment to this Agreement. ENGINEER shall be entitled to an adjustment in price and schedule to the extent that any corrective action in ENGINEER's Services arises out of inaccurate SGWASA Provided Information.

PART 6.0 TIME OF PERFORMANCE

The PROJECT will begin within two weeks of receiving the signed agreement. Based on an assumed October 2025 start, ENGINEER will complete bidding services by July 2027 for an assumed total PROJECT duration of 21 months. A milestone schedule is presented as Figure 1 below.

ENGINEER is not responsible for any delays due to funding agency requirements or approvals, easement acquisition, permitting approvals or renewals, or any other items that are outside of ENGINEER's control. If schedule delays occur, SGWASA will authorize additional budget through the Task 900 Additional Allowances or an Amendment.

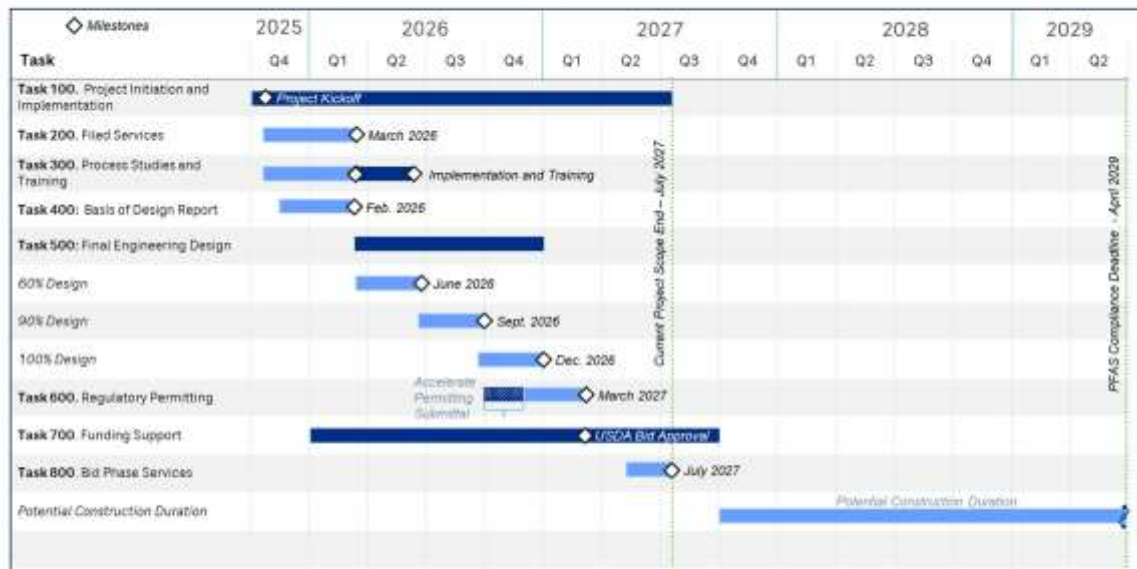


FIGURE 1: PFAS Treatment System Design and Construction Schedule

Note: The schedule was estimated from similar past projects, and ENGINEER does not control permitting or construction timelines.

PART 7.0 PAYMENTS AND COMPENSATION

As complete compensation for the engineering services described in this Agreement (Tasks 100 – 800), the ENGINEER will be paid a lump sum fee of \$2,959,800. An additional allowance budget of \$250,000 is included for Task 900. ENGINEER shall not utilize any additional allowance funds without prior written authorization by SGWASA. Partial payments shall be made by SGWASA monthly based on invoices submitted by the ENGINEER in proportion to the percentage of work completed and the balance of payment made when the work is completed. For invoicing purposes only, the value of each task is listed in the table below:

Task	Description	Value
100	Project Initiation, Implementation, and Management	\$175,500
200	Field Services	\$218,300
300	Process Studies and Training	\$161,000
400	Basis of Design Report	\$376,000
500	Final Engineering Design Services	\$1,647,400
600	Regulatory Permitting	\$117,300
700	Funding Support	\$204,600
701	SRF Application	\$12,700
702	State Appropriated Funding Support	\$7,000
703	USDA Funding Support	\$184,900
800	Bid Phase Services	\$59,700
Sub Total Lump Sum Value:		\$2,959,800
Task 900 - 10% Allowance:		\$250,000
Total Lump Sum Value + Allowance:		\$3,209,800

PART 8.0 ATTACHMENTS

The following supporting documentation is attached.

- Figure A-1: Proposed Survey Limits
- Table A-1: Proposed Sheet List



TABLE A-1: PROPOSED SHEET LIST

ITEM	SHEET	TITLE
1	Cover	Cover
2	G-1	Sheet Index
3	G-2	Abbreviations and Symbols
4	G-3	Appendix B Code Summary Sheet
5	G-4	Process Flow Diagram
6	G-5	Hydraulic Profile
7	C-1	Notes, Legend, Abbreviations and Symbols
8	C-2	Existing Conditions Plan
9	C-3	Demolition Plan I
10	C-4	Demolition Plan II
11	C-5	Site Plan
12	C-6	Grading and Drainage Plan
13	C-7	Overall Yard Piping Plan
14	C-8	Yard Piping Plan I
15	C-9	Yard Piping Plan II
16	C-10	Yard Piping Profiles I
17	C-11	Yard Piping Profiles II
18	C-12	Soil Erosion and Sedimentation Control Plan I
19	C-13	Soil Erosion and Sedimentation Control Plan II
20	C-14	Landscaping Plan
21	CD-1	Civil Details I
22	CD-2	Civil Details II
23	CD-3	Civil Details III
24	CD-4	Civil Details IV
25	CD-5	Erosion and Sedimentation Control Details I
26	CD-6	Erosion and Sedimentation Control Details II
27	CD-7	Erosion and Sedimentation Control Notes I
28	CD-8	Erosion and Sedimentation Control Notes II
29	A-1	Abbreviations, Notes and Symbols
30	A-2	Architectural Site Plan and Life Safety Plan
31	A-3	Advanced Treatment Building Ground Floor Plan
32	A-4	Advanced Treatment Building Roof Plan
33	A-5	Advanced Treatment Building Exterior Elevations
34	A-6	Advanced Treatment Building Sections
35	A-7	Advanced Treatment Building Wall Sections
36	A-8	Advanced Treatment Building Enlarged Floor Plan and Reflected Ceiling Plan
37	AD-1	Schedules and Types

Table A-1 – Preliminary Sheet List
 SGWASA PFAS Water Treatment Plant

ITEM	SHEET	TITLE
38	AD-2	Architectural Details I
39	AD-3	Architectural Details II
40	AD-4	Architectural Details III
41	S-1	Structural General Notes and Abbreviations
42	S-2	Advanced Treatment Building Foundation Plan 1
43	S-3	Advanced Treatment Building Foundation Plan 2
44	S-4	Advanced Treatment Building Slab Plan 1
45	S-5	Advanced Treatment Building Slab Plan 2
46	S-6	Advanced Treatment Building Roof Plan
47	S-7	Advanced Treatment Building Sections and Details 1
48	S-8	Advanced Treatment Building Sections and Details 2
49	S-9	Advanced Treatment Building Framing Elevations 1
50	S-10	Advanced Treatment Building Framing Elevations 2
51	S-11	Advanced Treatment Building CMU Elevations 1
52	S-12	Advanced Treatment Building CMU Elevations 2
53	S-13	Steel Sections and Details 1
54	S-14	Steel Sections and Details 2
55	S-15	Chemical Facility Foundation Plan and Sections
56	SD-1	Standard Concrete Details I
57	SD-2	Standard Concrete Details II
58	SD-4	Structural Steel and Joist Details
59	SD-5	Standard Miscellaneous Metals Details I
60	SD-6	Standard Miscellaneous Metals Details II
61	SD-7	Standard Masonry Details I
62	SD-8	Standard Masonry Details II
63	SP-1	Schedule of Special Inspections I
64	SP-2	Schedule of Special Inspections II
65	M-1	General Abbreviations, Piping and Valve Symbology
66	M-2	Advanced Treatment Building Overall Plan
67	M-3	Pump Room Enlarged Plan
68	M-4	Pump Room Sections and Details
69	M-5	Cartridge Filter Plan and Sections
70	M-6	Pressure Vessels - Isometric View
71	M-7	Pressure Vessels - Plan
72	M-8	Pressure Vessels - Sections I
73	M-9	Pressure Vessels - Sections II
74	M-10	Chemical Pad - Plan and Sections I
75	M-11	Chemical Pad - Plan and Sections II
76	MD-1	Mechanical Details I

Table A-1 – Preliminary Sheet List
SGWASA PFAS Water Treatment Plant

ITEM	SHEET	TITLE
77	MD-2	Mechanical Details II
78	MD-3	Mechanical Details III
79	MD-4	Mechanical Details IV
80	MD-5	Mechanical Details V
81	H-1	Legend, Symbols and Abbreviations
82	H-2	Advanced Treatment Building HVAC Plan
83	H-3	Advanced Treatment Building HVAC Sections
84	H-4	Advanced Treatment Building HVAC Airflow and Control Diagrams
85	HD-1	HVAC Schedules
86	HD-2	HVAC Details
87	HD-3	HVAC Details
88	P-1	Plumbing Symbols and Abbreviations
89	P-2	Advanced Treatment Building Plumbing Sanitary Plan
90	P-3	Advanced Treatment Building Plumbing Water Plan
91	P-4	Advanced Treatment Building Plumbing Roof Plan
92	P-5	Advanced Treatment Building Plumbing Riser Diagrams
93	P-6	Advanced Treatment Building Plumbing Water Riser Diagrams
94	P-7	Chemical Storage Area Plumbing Plan
95	P-8	Chemical Storage Area Plumbing Riser Diagrams
96	PD-1	Plumbing Schedules
97	PD-2	Plumbing Details I
98	PD-3	Plumbing Details II
99	FP-1	Fire Protection Legend, Symbols and Abbreviations
100	FP-2	Fire Protection Plan
101	FP-3	Fire Protection Details
102	FA-1	Fire Alarm, Legend, Symbols and Abbreviations
103	FA-2	Fire Alarm Plan
104	FA-3	Fire Alarm Details
105	E-1	Legend I
106	E-2	Legend II
107	E-3	Electrical Notes
108	E-4	Electrical Site Plan
109	E-5	Instrumentation Riser Diagram
110	E-6	Schematic Diagram I
111	E-7	Schematic Diagram II
112	E-8	Panel Board Schedule
113	E-9	Light Fixture Schedule
114	E-10	Ductbank Schedule
115	E-11	One-Line Diagram - Overall

Table A-1 – Preliminary Sheet List
SGWASA PFAS Water Treatment Plant

ITEM	SHEET	TITLE
116	E-12	One-Line Diagram - Main Switchgear
117	E-13	One-Line Diagram - Advanced Treatment Building
118	E-14	Elevation Diagrams
119	E-15	Electrical Room - Modifications Plan
120	E-16	Electrical Pump Room - Modifications Plan
121	E-17	Advanced Treatment Building - Power Plan I
122	E-18	Advanced Treatment Building - Power Plan II
123	E-19	Advanced Treatment Building - Lighting Plan I
124	E-20	Advanced Treatment Building - Lighting Plan II
125	E-21	Advanced Treatment Building - Electrical Room Plan
126	E-22	Miscellaneous Plans
127	ED-1	Electrical Details I
128	ED-2	Electrical Details II
129	ED-3	Electrical Details III
130	I-1	Legend I
131	I-2	Legend II
132	I-3	Control System Architecture - SCADA
133	I-4	P&ID* - Advanced Treatment Feed Pumps
134	I-5	P&ID - Pressure Vessel Overall System
135	I-6	P&ID - Pressure Vessel Pair
136	I-7	P&ID - Chemical Feed System I
137	I-8	P&ID - Chemical Feed System II
138	I-9	Instrument Installation Details I
139	I-10	Instrument Installation Details II

*P&ID, Process and Instrumentation Diagram

Agenda Item – 12

Topic: North Carolina Department of Environmental Quality (NCDEQ) Water Treatment Plant Master Plan Asset Inventory Assessment (AIA) Program Grant – Resolution of Acceptance

Requested Action: Seeking the Board of Directors approval of a Resolution accepting the funding offer, including the standard conditions and assurances.

Presenter(s): Scott N. Schroyer, Executive Director

Background:

The North Carolina Department of Environmental Quality (NCDEQ) manages an Asset Inventory Assessment (AIA) Grant program to encourage water and wastewater utilities to become more viable and more proactive in the management and financing of their systems. Grants are limited to \$150,000 from the Wastewater Reserve or the Drinking Water Reserve and may be used over a period of three years. A match is required based on Local Government Unit indicators, such as percent population change and median household income, compared with the state benchmarks. Awarded grant funds may be used for asset inventory, condition assessment of critical assets, or components of critical assets.

In August 2024, SGWASA staff and McGill Associates, one of SGWASA's on-call engineering firms discussed the probability of successfully obtaining an AIA Grant for SGWASA project CIP 101-01 Water Treatment Plant Evaluation & Master Plan as identified in the Board approved FY24-34 10-Year CIP. Based on a high probability of success in obtaining the AIA Grant, SGWASA decided to apply for the grant funding during the 2024 NCDEQ Fall Funding round.

Prior to applying for the grant, SGWASA's Executive Director sought, and received the Board's approval to apply for the grant. This action occurred at the September 10, 2024, regularly scheduled monthly Board meeting.

In March, 2025, SGWASA received from the NCDEQ a Letter of Intent to Fund the WTP Master Plan project for \$150,000.00. The total grant amount will be \$150,000.00 with a required match of 20% (\$30,000), and a 1.5% (\$2,250) processing fee, to be paid by SGWASA.

Following the notification by the NCDEQ, SGWASA is required to meet all the following milestones. The table below shows the tasks that have been completed, as well as those that have yet to be completed.

Milestone	Due Date	Status
Preliminary Scope Submittal	June 9, 2025	Completed
Preliminary Scope Approval	August 8, 2025	Completed
Executed Contracts Submittal	November 7, 2025	Pending approval of Board Resolution of Acceptance.
Draft Project Deliverable Submittal	November 7, 2026	Work will commence following final contract review approval by NCDEQ prior to Nov. 7, 2025.
Final Closeout Including Final Disbursement	March 10, 2027	Pending.

Analysis:

State Reserve Program grant recipients must assure NCDEQ compliance with all award conditions. To meet this requirement, the governing body must approve a Resolution of Acceptance, shown in Exhibit A. The Standard Conditions and Assurances for SRP AIA Grants is shown in Exhibit B.

Staff Recommendation:

The Board of Directors approve the Resolution of Acceptance.

Schedule:

Following Board approval, staff will provide the NCDEQ with a copy of the Resolution of Acceptance.

Financial:

The NCDEQ Asset Inventory Assessment Grant awarded to SGWASA is for a total of \$150,000 and reimbursed after payment of consultant invoices. A budget amendment is required and included later in the meeting agenda.

Attachments:

Exhibit A: Resolution of Acceptance.

Exhibit B: Standard Conditions and Assurances for SRP AIA Grants.

Exhibit C: Project Description Summary – SGWASA WTP Master Plan AIA

Strategic Plan Alignment:**Focus Area #1 – Safe and Reliable Water System**

- **Objective #2:** Provide for upgrades and ongoing maintenance of the water system infrastructure through regular assessments of capital assets and inclusion of needed projects in the Authority's Capital Improvement Plan (CIP).

Executive Director's Recommendation:

The SGWASA Board of Directors approve the Resolution of Acceptance for the AIA Grant related to the Water Treatment Plant Master Plan project.



South Granville Water and Sewer Authority

RESOLUTION BY GOVERNING BODY OF RECIPIENT

WHEREAS, the North Carolina General Statutes Chapter 159G has created Asset Inventory and Assessment (AIA) grants to assist eligible units of government with meeting their water infrastructure needs, and

WHEREAS, the North Carolina Department of Environmental Quality has offered State Reserve Grant in the amount of \$150,000 to perform an Asset Inventory and Assessment study detailed in the submitted application, and

WHEREAS, the South Granville Water and Sewer Authority intends to perform said project (Project No. AIA-D-0320) in accordance with the agreed scope of work,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SOUTH GRANVILLE WATER AND SEWER AUTHORITY:

That the South Granville Water and Sewer Authority does hereby accept the State Reserve Grant offer of \$150,000.

That the South Granville Water and Sewer Authority does hereby give assurance to the North Carolina Department of Environmental Quality that any Conditions or Assurances contained in the Award Offer will be adhered to.

That Scott N. Schroyer, Executive Director, and successors so titled, is hereby authorized and directed to furnish such information as the appropriate State agency may request in connection with such application or the project; to make the assurances as contained above; and to execute such other documents as may be required by the Division of Water Infrastructure.

Adopted this the 14th day of October, 2025 at Butner, North Carolina.

Commissioner Jimmy Gooch - Chair Date

Attest: Board Secretary Date

STANDARD CONDITIONS AND ASSURANCES FOR SRP AIA GRANTS

1. The Subrecipient acknowledges that no disbursements will be made until the 1.5% fee has been received by the Division of Water Infrastructure (Division).
2. If the project is co-funded with Federal funding sources (e.g., State Revolving Funds, CDBG-Infrastructure, American Rescue Plan Act), the conditions and assurances of the Federal funding program will also apply.
3. The Subrecipient acknowledges that no disbursements will be made until applicable service agreements or contracts are submitted. The description of work listed on invoices must be included in the scope of work shown on the agreements or contracts.
4. All projects must comply with North Carolina General Statute 143-64.31, Article 3D Procurement of Architectural, Engineering, and Surveying Services. Any services provided that were not selected in compliance with state requirements will be ineligible for disbursement.
5. The Subrecipient is responsible for paying for ineligible project costs as determined by the Division.
6. The Subrecipient agrees to establish and maintain a financial management system that adequately accounts for revenues and expenditures. Adequate accounting and fiscal records must be maintained during the project and these records must be retained and made available for a period of at least three (3) years following completion of the project.
7. Partial disbursements will be made promptly upon request, subject to adequate documentation of incurred eligible costs and grant match, and the Subrecipient's compliance with the conditions and assurances of this grant. Requests for disbursement must be made using the Division's disbursement form.
8. All funds provided pursuant to North Carolina General Statute 159G must be expended solely for carrying out the approved project, and an audit shall be performed in accordance with G.S. 159-34, as amended. **The Subrecipient must expend all of the requisitioned funds for the purpose of paying the costs of the project within three (3) banking days following the receipt of the funds from the State.** Please note that the State is not a party to any contract(s) and the Subrecipient is expected to uphold its contract obligations regarding timely payment.
9. Payment of the sums specified herein are subject to and contingent upon the availability, allocation, and appropriation of funds to the Department of Environmental Quality by the State or Federal government.
10. The Subrecipient, if a local government unit or public authority, must comply with the requirements of NC GS 159-34 in having its accounts audited each fiscal year and to submit a copy of the audit report to the Secretary of the Local Government Commission by the established deadlines. Failure to comply with these requirements may result in delays in disbursement of the funds to the Subrecipient and/or the rescission of this Funding Offer.
11. Local government units designated as distressed must complete associated requirements of statute §159G-45(b).
12. The Subrecipient must provide summaries of project progress every other month during the project or as otherwise directed by the Division.
13. The Subrecipient must provide a digital copy of the final report in a universally readable format. If a project includes updating or developing a GIS database or shapefiles, at a minimum the current utility service boundaries must be provided as a polygon shapefile, including any service gaps within the boundary.
14. The Subrecipient must provide an executive level summary of the work performed, any conclusions made, and the next steps to be taken as a result of this work.
15. The Subrecipient must provide approved minutes or a resolution confirming the final report has been presented to the Subrecipient's governing board.
16. A maximum of 95% of the grant will be paid prior to receipt of the documentation described in Standard Condition and Assurance Nos. 12, 13, and 14. After receipt of this documentation, the final disbursement request will be processed.

Exhibit C: Project Description Summary – SGWASA WTP Master Plan AIA

Purpose

To secure funding for a comprehensive assessment and planning initiative focused on SGWASA's aging Water Treatment Plant infrastructure, regulatory compliance needs, and modernization of system mapping and hydraulic modeling.

Key Challenges Addressed

1. System Age & Infrastructure Gaps

- SGWASA's water system dates to the 1940s (Camp Butner origins).
- Many assets have exceeded their design life and lack detailed condition assessments.
- Current AIA (AIA-D-ARP-0134) provides only high-level evaluations.
- Proposed Master Plan will:
 - Assess emergency spillway and raw water intake.
 - Inspect submerged intake gates via diver.
 - Evaluate structural integrity of 1940s buildings.
 - Locate/test valves and conduct pump performance tests.
 - Develop a long-term rehab/replacement strategy.

2. Regulatory Planning & PFAS Mitigation

- PFAS levels detected above new EPA standards.
- SGWASA is conducting a PFAS study with Hazen and Sawyer.
- Master Plan will integrate PFAS treatment technologies and layout modifications.
- Includes potential switch from chloramines to chlorine for disinfection.
- May include a Disinfection Byproducts (DBP) Formation Study.

3. Digital Mapping & Hydraulic Assessment Deficiencies

- Reliance on outdated paper maps hinders operations and emergency response.
- Master Plan will digitize WTP maps and update hydraulic models.
- Will identify valve functionality and plan for future treatment process integration.
- Supports planning for new Clearwell and pump station.

Strategic Alignment

- Directly supports SGWASA's 2021–2026 Strategic Plan:

- Master Technology Plan development.
- Routine capital asset assessments.
- Short-term (0–10 years) and long-term (10–30 years) CIP planning.

Project Team

- **Internal Leads:** Executive Director, Project Manager, Finance Director, Water Plant Superintendent
- **External Partner:** McGill Associates (engineering, GIS, testing, CIP development).

Expected Outcomes

- Granular condition assessments of critical WTP components.
- Digitized mapping and updated hydraulic modeling.
- Actionable Capital Improvement Plan (CIP) and Asset Management Plan (AMP).
- Enhanced regulatory compliance and operational efficiency.

Agenda Item – 13

Topic: Purchase Valve Exercise Machine for Utilities Department

Requested Action: Seeking Board of Directors approval to Purchase.

Presenter(s): Chris Summerlin, Assistant Executive Director

Background:

The South Granville Water and Sewer Authority (SGWASA) FY2025-2026 Approved Budget includes \$92,000 to purchase a portable valve exercise machine for the waterline maintenance department. This equipment helps to enhance the services that SGWASA offers, by adding to our proactive approach for hydrant and valve maintenance.

Analysis:

Included in FY25-26 year's budget, two new waterline technicians were included for fire hydrant and valve maintenance. This valve exercise machine is a crucial piece of equipment for this program.

Procurement:

SGWASA purchases vehicles from dealerships that provide North Carolina State and Sheriff's Association Contract prices and terms. SGWASA staff contacted Southern Vac of Gilbert, SC, which offers NC Contract pricing and terms.

SGWASA has purchased many vehicles from NC State Contract and Sheriff's Association Contract and has had good luck with the services previously. The following table provides information about the vehicle that SGWASA recommends for purchase.

Vehicle ID #	Vehicle	Vendor	Quantity	Unit Price	Total Price
New Equipment	Hurco Vac300G Valve Exerciser Trailer	Southern Vac, Gilbert, SC	1	\$86,700.00	\$86,700.00

Next Steps:

Following Board Approval, a purchase order will be approved and SGWASA staff will move forward in getting this unit purchased.

Recommendation:

SGWASA staff recommends the purchase of the Hurco Vac300G Valve Exerciser Trailer. (see image on following page)

Schedule:

SGWASA staff anticipates the purchase to be completed within 90 days of Board approval.

Financial:

The SGWASA FY 2025-2026 Approved Budget includes \$92,000 for the purchase of a new valve exerciser machine. SGWASA staff are requesting the purchase of the new valve exerciser machine, for a not to exceed amount of \$86,700.

Attachments:

Exhibit A: Quote from Southern Vac of Gilbert, SC, Quote from Infrastructure Solutions Group of Mooresville, NC and Wachs Utility Products of Lincolnshire, Illinois

Exhibit B: Capital Outlay FY25-26 Designation

Strategic Plan Goal & Objective Alignment:

Focus Area #1- Safe, Reliable and Sustainable Water System

Executive Director's Recommendation:

The SGWASA Board of Directors approve the purchase of a new valve exercise machine from Southern Vac of Gilbert, SC, for a not to exceed amount of \$86,700.00, excluding taxes and tags.



Specifications for: South Granville W&S Authority

Stock Hurco Vac300G Trailer

- 300 Gallon 37HP Kohler Gas EFI Vacuum. Trailer Mounted.
 1. Curbside panel. Digital tachometer/engine hour meter, vacuum gauge, spoils rear door switch, water pump switch, strobe light switch, work light switch, low water bypass switch, Spin Doctor / Aux Switch, engine control panel. Overall Dimensions - 300 Gallon - 180" long x 79" wide x 86" height to top of strobe light. Frame only (skid) - 105-1/2" long x 48" wide. 12" ground clearance. GVWR - 3600 lbs. GAWR - 6000 lbs.
- ERB Spin Doctor Boom with Standard 800 Head. Horizontally aligned boom with up to 800 ft lbs of torque.
- Hydraulic Hose Reel (50 ft of 1/2" hose) with Auxiliary Hydraulic Port.
- Auxiliary Hydraulic Port (Port only - No Hose Reel). Vacs come with one hydraulic port, which is occupied if using a valve exerciser.
- Hydraulic Heater / Cooler.
- Reverse Air Flow Option for Standard CFM Vacs.
- Light Bar with Control Box.
- Tool Box.
- Bed Liner Coating for Vacuum - Trailer frame and spoils tank interior.

NCSA Base Module Total Price: \$51,914.89

NCSA 6% Discount Price: \$48,800.00

NCSA Base Accessories Price: \$40,319.45

NCSA 6% Accessories Discount Price: \$37,900.00

Total Price: \$86,700.00

*Price good for 60 days

**Price good while supplies last; Stock Unit - SN: 031125-351-300D; Vin: 1H9DV1517PH513339

****ALL APPLICABLE SALES TAX AND FEES ARE NOT INCLUDED IN THE QUOTE****





Pacific Tek- PV100 PT1000 Valve Exerciser Trailer- South Granville WSA

South Granville WSA
415 Central Ave
Butler, NC 27509
United States

Robert Jackson
rjackson@sgwsa.org
919-575-4367

Reference: 20250828-093513803
Quote created: August 28, 2025
Quote expires: September 27, 2025

Infrastructure Solutions Group, Inc.

505 East Plaza Drive
Mooresville, NC 28115
(704) 833-8048

Prepared by: Adam
Territory Manager
adam@weareisg.com
+19194515415

Total **\$90,000.00**

EQUIPMENT & SERVICES	QUANTITY	PRICE
Pacific Tek PV100 PT1000 Valve Exercising Trailer 100 gallon single mounted debris tank, Drive One 26.5 HP EFI gas engine, 380 CFM blower, 3" x 25' vacuum hose and 5' pick-up wand attachment, PT1000 valve exerciser, Flat face quick connect ports for 1/2" and 3/4" Hydraulic tool circuit (hose not included), Swivel Head Adaptor, Valve Exerciser LED Bar, AI Function, electric clutch engaged pressure washer 3500 PSI @ 4 GPM, 60 gallon water tank, 50' hose reel, LED traffic director, Anti-freeze Kit, Includes 1 telescoping 5' to 8' Alum. valve key, trailer-single axle 5200# GVWR, electric brakes, debris tank yellow.	1	\$87,505.20
Swivel Head Adaptor Swivel Head Adaptor Hangs from Valve Exerciser head for uneven surfaces for valve operation, For adapting 1-1/2" valve keys (standard for PT1000 & PT26)	1	\$638.40

EQUIPMENT & SERVICES	QUANTITY	PRICE
Storage Box Storage Box - Lockable, black, mounted to trailer tongue (28" W x 12" Deep x 12" High)	1	\$543.90
Valve Exerciser LED Lamp Light on Valve Exerciser Slide Head, Valve Turner LED Lamp	1	\$1,041.60
Valve Key Tolerancing Valve Key B to S Aluminum	1	\$1,522.50
Storage Tube Storage Tube for storing valve exercising keys	1	\$397.95
Subtotal		
One time subtotal		\$91,649.55
Existing Customer Discount		(\$1,649.55)
	Total	\$90,000.00
Comments W-9 Fee does Not Include Taxes Payment already includes 6% NCSA Discount NCSA Contract # 26-10-0422		
Purchase terms		



600 Knightsbridge Parkway, Lincolnshire, Illinois 60069
(847) 537-8800 | fax (847) 520-1547
turnvalves.com

Quotation

Page 1 of 1

TO: Brian Weaver
S L P V S E E
SCV, LLC
415 Central Avenue Suite B
Butner, NC 27509

Date: 8/28/2025
Quotation Number: CS241823
Payment Terms: Net 30 Days
Shipping Terms: FOB Origin
Valid Through: 10/27/2025
Estimated Ship Date: 8 Weeks ARO

E.H. Wachs is pleased to offer the following quotation:

Item Number	Description	Qty	U/M	Unit Price (USD)	Line Total (USD)
1 77-000-38	Standard LX (Gas) – VMT (RH): Single turner valve maintenance trailer; includes Wachs 750 Ft/lb (1020 Nm) Extended Reach Valve operator for those preventive maintenance activities, telescoping valve key and Wachs ruggedized TC-100 with GPS controller/data logger. A 27 HP (20 kW) gasoline powered Kohler overhead cam air cooled engine provides ample power for all contained functions, including an auxiliary HTMA Class II circuit; 10 gallon (38 L) reservoir, fan cooled heat exchanger, continuous duty rated for 8 GPM (30.3 LPM) @ 2,000 PSI (140 bar). A positive displacement blower provides 500 CFM (14.2 cmm)-11" (280mm) Hg vacuum, with spoils containment provided by a 250 (950 L) gallon tank with power hydraulic dump rear discharge and latching rear door. Also driven from the common power train is a 2.5 GPM (9.5 LPM) @ 3000 PSI (210 bar) pressure washer system with 3 gallon (11.4 L) anti-freeze tank and 95 gallon (360 L) water tank. Includes 2-1/2" (63.5mm), 1-1/4" (31.75mm) & 7/8" (22mm) suction wands and one each short and long wash-down guns. The LX package bundles the service light bar with arrow board, 45' (14 M) auxiliary hydraulic hose reel for operation of hydraulic power tools & Bluetooth tethering module (installed in TRV-750) for wireless communication between the exerciser and Controller/Data Logger and 24" (61cm) X 18" (46cm) x 18" (46cm) aluminum tool box.	1	EA	93,000.00	93,000.00
				Subtotal	93,000.00
				Shipping & Handling	3,040.00
				Total (USD)	\$96,040.00

Thank you for the opportunity to quote your application needs. If you have any questions or if I may be of any further assistance to you please do not hesitate to notify me.

We will prepay and add shipping charges to your order, or we can ship collect via your choice of carrier service.

(SALES TAX!!!) We collect sales tax in all but the following states: AK, DE, MT, OR and NH. If you are tax exempt please supply your identification number and certificate with your order. If your exempt number is not on file, tax will be added to your order.

Craig Smaden
Territory Manager
919-402-3556
craig.smaden@ehwachs.com

Sales of E.H. Wachs products and services are expressly limited to and made conditional on acceptance of its current Terms and Conditions of Sale, found at ehwachs.com ("Terms"). Any additional or different terms are hereby rejected. Commencement of work by E.H. Wachs or acceptance of delivery of products by you constitutes your acceptance of the Terms.

See additional tariff related Terms and Conditions at ehwachs.com.

**SOUTH GRANVILLE WATER AND SEWER AUTHORITY
BUDGET 2025-2026**

CAPITAL OUTLAY

	***** BUDGET *****	
	Acct 510	Acct 520
<u>7110 Administration</u>		
Laptop Replacement: Finance Director	\$2,000	
	<u>\$2,000</u>	<u>\$0</u>
<u>7114 Human Resources</u>		
Laptop Replacement: Human Resources Manager	\$2,000	
	<u>\$2,000</u>	<u>\$0</u>
<u>7118 Engineering</u>		
Replace 2010 Ford Explorer with Dodge Ram 1500 SSV		\$46,866
Laptop: Inspector (new position)	\$2,000	
Tablet: Inspector (new position)	\$1,200	
HP DesignJet XL950 36" Printer		\$5,517
(2) Sub-Surface ML-3 Shot Magnetic Locators	\$2,046	
(4) Pressure Data Logger 0-150 PSI	\$2,320	
(2) Flow Testing Diffuser 2.5"	\$1,275	
	<u>\$8,841</u>	<u>\$52,383</u>
<u>7120 Billing/Collections</u>		
Laptop Replacement: Customer Service Supervisor	\$2,000	
Epson Receipt Printer Replacement	\$1,000	
	<u>\$3,000</u>	<u>\$0</u>
<u>7133 Water Treatment Plant</u>		
Replace Lake Holt Generator		\$133,855
Replace AC System		\$95,000
	<u>\$0</u>	<u>\$228,855</u>
<u>7136 Meter Readers</u>		
(2) Laptops for Trucks	\$4,000	
	<u>\$4,000</u>	<u>\$0</u>
<u>7139 Waterline Maintenance</u>		
Mini Excavator Caterpillar 304C		\$95,285
TowMaster T-20LP Trailer for Mini Excavator		\$36,900
Grundomat 75P Horizontal Boring Tool		\$8,245
K970 Ring Saw 17" with (3) Blades		\$6,977
Portacool Utility Warehouse Evaporative Cooler		\$5,528
Replace Jack Hammer	\$1,535	
Replace Portable Valve Turning Key		\$9,450
Portable Valve Exercise Machine - Trailer Mount		\$92,000
	<u>\$1,535</u>	<u>\$254,385</u>

Agenda Item – 14

Topic: Request to Purchase Two New Sanitary Sewer Bypass Pumps from Sunbelt Rentals, Inc of Wake Forest, NC.

Requested Action: Seeking Board of Directors approval to Purchase at a total cost of \$95,263.76

Presenter(s): Chris Summerlin, Asst. Executive Director

Background:

The South Granville Water and Sewer Authority (SGWASA) FY2025-2026 Approved Budget includes \$122,000 to purchase one sanitary sewer bypass pump for the Utilities Department (sewer line maintenance). Due to the age and condition of the existing sewer pump, SGWASA staff proactively budgeted for the replacement of the equipment.

SGWASA staff originally included \$122,000 for a pump replacement; when SGWASA staff initially asked a vendor for a quote, we were looking at a larger pump, but when staff took a second look, we realized that we could get two smaller pumps for less than the price of a larger pump and still meet our needs. With sewer pump stations, permanent pumps can go out and must be replaced or fixed. SGWASA staff are recommending utilizing the existing approved budget to purchase two bypass pumps. SGWASA staff has had to rent pumps previously for pump stations that were inoperable, so having an additional bypass pump gives us the ability to be able to make optimum use of these pumps in times of need without the need for renting units.

Analysis:

We are replacing a 2003 Godwin bypass pump that does not have a SGWASA Asset tag, has more than 1150 hours on it (hour meter not working) and is in bad shape. The new equipment will be reliable and used for operational needs.

Procurement:

SGWASA purchases equipment and vehicles from dealerships that provide North Carolina State and NC Sheriff's Association Contract prices and terms. In times where there are not three vendors on NC State or NC Sheriff's Association Contract, SGWASA reaches out to other vendors to provide pricing. As such, SGWASA received quotes from Sunbelt Rentals Inc. of Wake Forest, NC, BBA Pumps of North Charleston, SC (provides NC Sheriff's Association contract pricing), and Charles Underwood of Sanford, NC. Sunbelt Rentals Inc was the lowest respective bidder. The following table provides information about the equipment that SGWASA recommends for purchase.

Equipment	Vendor	Quantity	Unit Price	Total Price
Sunbelt PAF 100 HFS T4F Bypass Pump w/ hose, strainer and float switch	Sunbelt Rentals, Wake Forest, NC	2	\$47,519.38	\$95,038.76
Delivery Charge		1	\$225.00	\$225.00
Total			\$95,263.76	\$95,263.76

Next Steps:

Following Board Approval, a purchase order will be approved and SGWASA staff will move forward in getting these units purchased.

Once the unit has been acquired, the old bypass pump will be put into auction on GovDeals.com.

Recommendation:

SGWASA staff recommends the purchase of the Sunbelt Bypass Sewer Pumps from Sunbelt Rentals, Inc of Wake Forest, NC.

Schedule:

SGWASA staff anticipates the purchase to be completed within 90 days of Board approval.

Financial:

The SGWASA FY 2025-2026 Approved Budget includes \$122,000 for the purchase of one new Bypass Sewer Pump. SGWASA staff are requesting the purchase of two new bypass sewer pumps, for a not to exceed amount of \$95,263.76.

Attachments:

Exhibit A: Picture of Bypass Pump, Quote from Sunbelt Rentals Inc. of Wake Forest, NC, Quote from BBA Pumps of North Charleston, SC, and Charles Underwood of Sanford, NC

Exhibit B: Capital Outlay FY25-26 Designation

Strategic Plan Goal & Objective Alignment:

Focus Area #1- Safe, Reliable and Sustainable Water System

Focus Area 2: Reliable and Sustainable Sanitary Sewer System

Executive Director's Recommendation:

The SGWASA Board of Directors approve the purchase of two new sewer bypass pumps from Sunbelt Rentals, Inc of Wake Forest, NC, for a not to exceed amount of \$95,263.76, excluding taxes.

Exhibit A: Picture of Bypass Pump, Quote from Sunbelt Rentals Inc. of Wake Forest, NC, Quote from BBA Pumps of North Charleston, SC, and Charles Underwood of Sanford, NC





PC#: 1093
4901 UNICON DR
WAKE FOREST, NC 27587 5082
919-453-5050

SUNBELT RENTALS, INC.
PO BOX 409211

Job Site:
SOUTH GRANVILLE WATER & SEWER
1658 JOE PEED ROAD
CREEDMOOR, NC 27522

C#: 919-575-3367 J#: 919-603-4109

Customer: 467019
SOUTH GRANVILLE WATER & SEWER
415 CENTRAL ST STE B
BUTNER, NC 27509

EQUIPMENT SALE QUOTE



Invoice #... 172604435-0000
System date, 9/16/25

Invoice date 9/16/25 AM
Job Loc..... 1658 JOE PEED ROAD, CREEDMOOR
Job No..... 7 - SOUTH GRANVILLE
P.O. #..... REQUIRED
Ordered By.. JACKSON, ROBERT
NET 30

Qty	Item number	Unit	Price	Amount
2	4X4X10 49HP QF PUMP 8972824011	EA	46406.520	92813.04
2	4" MALE BAUER SEWAGE STRAINER (T BAUBMC-SEWSTR400	EA	248.570	497.14
2	4" BLACK RUBBER SUCTION X 20FT W T-BRS4X20TBAU	EA	464.290	928.58
2	FLOAT SWITCH 4RK24	EA	400.000	800.00
	DELIVERY CHARGE			225.00
	SHIP TO: SOUTH GRANVILLE WATER & SEWER 1658 JOE PEED ROAD CREEDMOOR, NC 27522			
	QUOTE VALID THRU OCTOBER 31ST 2025			
		Sub-total:		95263.76
		Tax:		6430.31
		Total:		101694.07

COPY

Certain equipment above requires scheduled Preventive Maintenance. Sunbelt Rentals will monitor the operation time and perform PM service as required in accordance with manufacturers specifications. Customer shall be charged for each PM service performed during rental period.

IF THE EQUIPMENT DOES NOT WORK PROPERLY, NOTIFY THE OFFICE AT ONCE	MULTIPLE SHIFTS OR OVERTIME RATES MAY APPLY	CUSTOMER IS RESPONSIBLE FOR REFUELING, DAMAGES AND REPAIRS					
1. The total charges are an estimate based on the estimated rental period and other information provided by Customer. 2. Customer assumes all risks associated with the Equipment during the Rental Period, including injury and damage to persons, property and the Equipment. 3. Customer is responsible for and shall only permit properly trained, Authorized Individuals to use the Equipment. 4. If the Equipment does not operate properly, is not suitable for Customer's intended use, does not have operating and safety instructions or Customer has any questions regarding use of the Equipment, Customer shall not use the Equipment and shall contact Sunbelt immediately. 5. Equipment misuse or using damaged or malfunctioning Equipment may result in serious bodily injury or death and Customer agrees that Customer @ assumes all risk associated therewith, and @ indemnifies Sunbelt Entities for all claims or damages as a result of misuse or use of damaged or malfunctioning Equipment. 6. Customer has received, read, understands and agrees to the estimated charges and all the terms on this page, plus all versions on the reverse side of this Contract ("Sections"), including Release and Indemnification in Section 9 and Environmental Fee in Section 16, which can also be found at www.sunbeltrentals.com/termsandconditions. "Delivery/Pickup Surcharge" fee explanation is available at www.sunbeltrentals.com/surcharge. 7. Customer must contact Sunbelt to request pickup of Equipment, inside the Pick-Up Window given by Sunbelt and will be responsible for Equipment until actually returned by Sunbelt. 8. Customer waives its right to a jury trial in any dispute as set forth in Section 16. 9. At the election of Sunbelt or Customer, Customer agrees to submit every dispute to arbitration and waives any right to bring a class action as set forth in Section 28. Customer is declining Rental Protection Plan (see reverse side for details) _____ (Customer Initials) <table><tr><td>Customer Signature</td><td>Date</td><td>Name Printed</td><td>Delivered By</td><td>Date</td></tr></table>			Customer Signature	Date	Name Printed	Delivered By	Date
Customer Signature	Date	Name Printed	Delivered By	Date			

** www.sunbeltrentals.com **

RNTOUTE (Rev 02/28/22)



7222 Cross Park Drive, North Charleston, SC 29418 | United States | 00+1 843.849.3676
www.bbapumpsusa.com

South Granville Water and Sewer Authority
415 Central Avenue
Butner, NC 27509

Date: August 19, 2025

Phone: 919.603.4106

Attention: Robert Jackson

Email: rjackson@sewasa.org

Dear Robert,

Thank you for your interest in BBA Pumps, the leading manufacturer of portable diesel driven pumps. As requested, please find the attached quote. After reviewing this quote, if you should have any questions, please do not hesitate to contact us. We are happy to provide demonstrations and references of our products and services upon request.

BBA Pumps North America proudly provides portable pumping solutions in the United States, Canada, and Mexico. Our pumps and piping systems are designed, engineered, and constructed by our parent company BBA Pumps BV, located in the Netherlands. Whether you are installing wellpoints, setting up a sewer bypass, assisting with flood control, or providing general dewatering, BBA Pumps can support all of your portable pumping needs from the pump, piping, couplers, and wellpoint systems.

Article	Description	Unit Cost	Quantity	Total
US-BA100E-3A-HA-01	BA100E D265 (sound attenuated, skid mounted, diesel driven Hatz 3H50TIC)	\$59,211.00	1	\$ 59,211.00
5080892 - 4" Standard	Suction 30" flange 4"	\$0.00	1	\$ -
5080871 - 4" Standard	Discharge 30" flange 4"	\$0.00	1	\$ -
M10-23RGT	DOT Approved Trailer for Pump	\$6,822.00	1	\$ 6,822.00
3612484 - 4"	Flange x Female (8 bolt) 4"	\$117.00	1	\$ 117.00
3612474 - 4"	Flange x Male (8 bolt) 4"	\$173.00	1	\$ 173.00
3401925 - 4"	Gaskets required for 4" pump *Two gaskets are required per pump	\$0.00	2	\$ -
Transport	Freight included to Butner NC	\$0.00	1	\$ -
60333	Suction hose type B 4"x20'	\$390.00	1	\$ 390.00
3141746	6" type B round hose strainer	\$306.00	1	\$ 306.00
				\$ 67,018.00

Sincerely,

Matt Hickey
BBA Pumps North America
843.849.3676 office
843.826.5563
mhickey@bbapumps.com
www.bbapumps.com

Terms & Conditions:

- Plus, applicable shipping from North Charleston, South Carolina. A hard shipping number can be provided upon request.
- Price does not include any applicable duties or sales tax, use tax, and excise tax, value-added or other similar taxes that may apply to this project. We shall not be held liable for liquidated, incidental, consequential or any other kind of damages.
- Price quote is firm for receipt of an order within 10 days of this quotation.
- Payment terms are net 30 days.
- Price is reflected in US Dollars.
- Without BBA Pumps' written consent, neither modification nor cancellation of an Order, nor deferred delivery of products, completed or in production, is permitted by Buyer or Buyer's agents or representatives. Modification, cancellation or suspension of an Order after acceptance by BBA Pumps may be made only upon written acceptance of BBA Pumps and on terms which will compensate BBA Pumps for loss (including loss of profits) due to the cancellation and shall include payment for work already completed and/or materials already used or purchased. Modification, partial cancellation or suspension may subject an entire Order to price revision, in BBA Pumps' discretion.
- Notwithstanding anything contained herein to the contrary, BBA Pumps may reject in writing any Order submitted by Buyer for any reason, including if BBA Pumps, in its sole discretion determines that it cannot meet the quantity of purchased Products to be delivered or the requested shipment date specified in such Order.

Quotation No.: M1008192025



2000 Boone Trail Rd.
Sanford, NC 27330

Charles R. Underwood, Inc.

Ph: 919-775-2463
Fax: 919-708-7232

08/15/25

Mr. Robert Jackson
SGWASA
211 West C St.
Butner, NC 27509

RE: SGWASA Bypass pump

Mr. Jackson

We are pleased to provide you with this quotation on a new bypass pump. Our cost below would include the following.

- (1) Pioneer 44S10-PPI-02-D PIONEER PUMP
 - Enclosed, diesel driven, trailer mounted
 - Customer requested 500 GPM at 150' TDH

Total Price: \$75,155.00 *Price does not include tax and freight*

Conditions.

- 1.) If the scope above changes for any reason CRU reserves the right to re-assess and re-quote.
- 2.) Leadtime 5-6 weeks
- 3.) Does not include any pump accessories
- 4.) Price good for 15 days

Best regards,

Adam Welch

Charles R. Underwood Inc.
(919) 775-2463

**SOUTH GRANVILLE WATER AND SEWER AUTHORITY
BUDGET 2025-2026**

CAPITAL OUTLAY

***** BUDGET *****		
	<u>Acct 510</u>	<u>Acct 520</u>
<i>7140 Sewerline Maintenance</i>		
Replace 2017 Ford F250 with Ford F350 with Crane		\$124,000
Replace 2017 Ford F250 with Ford F350 with Crane		\$124,000
John Deere 5075M Tractor		\$79,500
John Deere RC8M Bushhog		\$8,000
Pioneer 88S12-PPI-02-D Sewer Bypass Pump		\$122,000
Back Pack Leaf Blower	\$572	
Replace Sewer Line Jet Vac with Harben DTK750 ET180		\$82,000
	<u>\$572</u>	<u>\$539,500</u>
<i>7145 Wastewater Treatment Plant</i>		
Replace 2008 Ford Ranger with 2025 F250 Super Duty		\$36,000
GRACE LoneWorker System-Advance Safety Monitoring System		\$25,000
Lab Analytical Balance		\$9,000
Hydrover Hydrant Buddy Valve EX		\$6,500
Electric Chain Hoist	\$3,700	
Vibration Tool	\$1,200	
Infrared Camera	\$4,100	
Multi Gas Detector	\$1,000	
Drying Oven	\$3,000	
Centrifuge	\$3,200	
Dessicator	\$1,500	
Tablets	\$1,600	
	<u>\$19,300</u>	<u>\$76,500</u>
<i>8000 Pump & Lift Stations, Tanks</i>		
Little School St Generator		\$76,930
	<u>\$0</u>	<u>\$76,930</u>
Grand Totals	<u>\$41,248</u>	<u>\$1,228,553</u>

Agenda Item – 15

Topic: Request to Purchase Sewer Jet Vac Machine for Sewerline Maintenance Department

Requested Action: Seeking Board Approval to Purchase

Presenter(s): Chris Summerlin, Assistant Executive Director

Background:

The South Granville Water and Sewer Authority (SGWASA) FY2025-2026 Approved Budget includes \$82,000 to purchase one (1) sewer jet vacuum machine for the Utilities Department (sewer line maintenance). Due to the age and condition of the existing equipment, SGWASA staff proactively budgeted for the replacement of this equipment.

Analysis: SGWASA is replacing the 2003-year model asset (#3036) due to the age and overall condition; there is no hour meter on this machine. This new equipment will be reliable and used for operational needs.

Procurement:

SGWASA purchases vehicles from dealerships that provide North Carolina State and Sheriff's Association Contract prices and terms. In times where there aren't 3 vendors on NC State or NC Sheriff's Association Contract, SGWASA reaches out to other vendors to provide pricing. SGWASA staff got quotes from Jet-Vac of Asheboro, NC, Harben Inc. Of Cumming, GA and Mid-Atlantic Waste Systems of Chesapeake, VA. Jet-Vac of Asheboro, NC, which offers NC State Contract pricing and terms was the lowest respective bidder.

SGWASA has purchased many vehicles from the NC State Contract and Sheriff's Association Contract and has had good luck with the services previously. The following table provides information about the vehicle that SGWASA recommends for purchase.

Vehicle ID #	Equipment	Vendor	Quantity	Unit Price	Total Price
3036	Mongoose Model 184-HD Trailer Jet	Jet-Vac of Asheboro, NC	1	\$77,000	\$77,000

Next Steps:

Following Board Approval, a purchase order will be approved and SGWASA staff will move forward in getting this unit purchased.

Recommendation:

SGWASA staff recommends the purchase of the Harben Jet Machine.

Schedule:

SGWASA staff anticipates the purchase to be completed within 90 days of Board approval.

Financial:

The SGWASA FY 2025-2026 Approved Budget includes \$82,000 for the purchase of a new jet machine. SGWASA staff are requesting the purchase of the new jet machine, for a not to exceed amount of \$77,000.

Attachments:

Attachment A: Quote from Jet-Vac of Asheboro, NC, Quote from Harben, Inc. of Cumming, GA, and Quote from Mid-Atlantic Waste Systems of Chesapeake, VA

Attachment B: Capital Outlay FY25-26 Designation

Strategic Plan Goal & Objective Alignment:

Focus Area 1: Reliable and Sustainable Sanitary Sewer System

Executive Director's Recommendation:

The SGWASA Board of Directors approve the purchase of one (1) new sewer jet vacuum machine from Harben, Inc. of Cumming, GA, for the not to exceed amount of \$77,000, excluding taxes and tags.



5746 Broad Street
SUMTER, SC 29154

4036 Bennett Road
COOKEVILLE, TN 38506

5500 S Cobb Drive, Bld 200, Suite 210
ATLANTA, GA 30339

1350 Sheeler Avenue, Building 12, Unit 7
APOPKA, FL 32703

www.jet-vac.com

Ship To: South Granville Water & Sewer Authority
SGWASA
1000 W H St
Butner, NC 27509-1670

Invoice To: SGWASA - South Granville W & S Authority
Attn: Accounts Payable*
finance@sgwasa.org
Butner NC 27509

Attention: Brian Weaver

Branch 40 - ASHEBORO		
Date 09/16/2025	Time 10:55:01 (O)	Page 1
Account No SGWAS001	Phone No 9195753112	Est No 02 Q00570
Ship Via Delivered		Purchase Order
Tax ID No		
		Salesperson RG1 / BW2

EQUIPMENT ESTIMATE - NOT AN INVOICE

Description ** Q U O T E ** EXPIRY DATE: 10/15/2025 Amount

Freight Included in Sales Price

NCSA Contract: 26-10-0422, Heavy Equipment

Group: Sewer Cleaners

Item: 2016, Sewer Equipment Co. of America, Mongoose, Model
184-HD

Supplier reserves the right to adjust prices to reflect the impact of any tariffs, duties, or similar governmental charges imposed after the date of this proposal. These adjustments will be calculated to ensure fair allocation of the increased costs. Supplier will provide advance notice of any such adjustments along with documentation supporting the changes.

Mongoose Model 184-HD Trailer Jet

82266.60

Engine:

49 HP Kohler Diesel Tier IV Engine

Full Engine Removable Aluminum Shroud

Engine Display

Electronic Throttle Control

Pump:

UDOR 18 GPM @ 4000 PSI w/30 Min Run Dry Capability

Electric Water On/Off Control

Recirculation System

Bypass / Flow Control Valve

Pulsation System

Air Purge System

Tank & Fill:

600 Gal. Black

Super-Poly Water Tank

2.5" Hydrant Fill System w/ Garden Hose Fill Adapter

Hose Reel & Hose:

Accounts not paid within 30 days of the date of the invoice are subject to a 1.5% monthly finance charge.

Thank You For Your Business!



5746 Broad Street
SUMTER, SC 29154

4036 Bennett Road
COOKEVILLE, TN 38506

5500 S Cobb Drive, Bld 200, Suite 210
ATLANTA, GA 30339

1350 Sheeler Avenue, Building 12, Unit 7
APOPKA, FL 32703

www.jet-vac.com

Ship To: South Granville Water & Sewer Authority
SGWASA
1000 W H St
Butner, NC 27509-1670

Invoice To: SGWASA - South Granville W & S Authority
Attn: Accounts Payable*
finance@sgwasa.org
Butner NC 27509

Attention: Brian Weaver

Branch 40 - ASHEBORO		
Date 09/16/2025	Time 10:55:01 (O)	Page 2
Account No SGWAS001	Phone No 9195753112	Est No 02 Q00570
Ship Via Delivered		Purchase Order
Tax ID No		
		Salesperson RG1 / BW2

EQUIPMENT ESTIMATE - NOT AN INVOICE

Description ** Q U O T E ** EXPIRY DATE: 10/15/2025 Amount

Rotating Safety Hose Reel w/600' Capacity of 1/2" Hose
Industrial Swivel Bearing

Electrical:

NEMA 4 Control Panel

Auto Shutdown (High Eng Temp / Low Oil Pressure)

12V DC Power Outlet

LED Amber Strobe Light

Trailer:

Single Torsion Axle, 7,000 GVWR

Electric Brakes w/2-5/16" Ball Hitch

(1) Alum Toolbox - Fender Mounted

D.O.T. Approved LED Lighting

Accessories:

10' Leader Hose

BB Hose Guide

Cleaning Nozzle

Penetrator Nozzle

Finned Nozzle Extension

Nozzle Rack

USB Operator / Owner Manual

Air Purge Adapter

NCSA OPTIONS TOTALING \$8,438 INCLUDED IN TOTAL:

500' 1/2" ID X 4,000 PSI OPERATING PRESSURE - PER FT

Miscellaneous Charges/Credits

=====

NCSA 6% DISCOUNT	Qty: 1	Price: 4429.72	4429.72-
NCSA 6% OPTIONS DISCOUNT	1	506.28	506.28-
JET-VAC DISCOUNT	1	330.60	330.60-

Subtotal: 77000.00

GRANVILLE County: 1540.00

NC STATE TAX: 3657.50

Accounts not paid within 30 days of the date of the invoice are subject to a
1.5% monthly finance charge.

Thank You For Your Business!

Harben, Inc.

2010 Ronald Reagan Blvd
Cumming, GA 30041
Phone: 770-889-9535

Quote Number:	
22293	
Quote Date:	08/07/2025
Expires:	09/06/2025

**Quotation**

Quote: North Carolina Water & Sewer
To: 1000 W H Street
Butner, NC 27509

This one

Quote Number:	22293	Contact:	Robert Jackson
Quote Date:	08/07/2025	Terms:	Due Upon Receipt/Delivery
Customer:	NSWTR	Phone:	919-603-4109
Salesperson:	Clover Broxton	Email:	Rjackson@SGWASA

Thank you for the opportunity to submit this quote.

Item	Part Number Description
1	905-072 DTK 750 ET180 Manual (Kubota) Unit Includes: • Kubota tier 4 diesel engine • Manual Controls • Jump jet pulsation • Flow control needle valve kit • Workstation light kit • (2) 375-Gal Black Loaf Tanks • 10-gal antifreeze system w/ 3-way valve • Hydraulic Directional Control valve w/ speed control and detent • 9" drain extension • 2" tiger tail • 10' leader hose • Tandem axle frame • Black rims (4) • Led strobe light • 12-volt aux outlet • Hose feed guide • 2 ½ hydrant fittings • Color: Black
2	9031590-012 Green Hose 500' X ½" Sewer Hose
3	06013316-010 Jet Drain H.E. 6R 6 X 1.0mm (4018)

Quote Number: 22293 (continued from page 1)

Item	Part Number Description
4	06013118-010 Jet Drain H.E. 3R1F 2 X 1.3mm 1 X 1.4mm 0.9F (4018)
5	9031716-011 ET180 toolbox Black Steel Truck Box With T-Handle (15" X 13" X 48")
6	900-038 4018 Dump Gun Kit
7	900428-010 WS-H-1/2-PKG
8	900343-010 WS Classic Service Kit with Viscous Fluid
9	900345-010 WV Classic, 1/4NPT, 1.2-5k psi at 7-8gpm
10	900-007 E180 Safety Relief Valve Kit
11	900-036 1/4" ID 150" Mini Jet Kit
12	900-008 Mini Hose Reel Mounting Tray
13	900-011 Manhole Light Package Kit
14	FREIGHT Unit Freight

Total: \$78,521.83

Your Total Savings: \$4,916.29

This quote may contain special promotions or pricing valid only through the "Expires On" date supplied on Quote.

Unless specifically stated herein, the pricing represented on this quote does not include, and Harben shall not be responsible for, the cost of freight, insurance, or any required federal, state, or local sales or other taxes, duties, export or custom charges, VAT charges, brokerage or other fees. Final Sales are subject to terms and conditions as set forth in Harben Terms and Conditions supplied at time of order.

Report Generated: 08/12/2025 12:27:58PM

Page 2 of 2



Division of THC Enterprises, Inc.
Easton, MD * Baltimore, MD * Chesapeake, VA Chester, PA *
Clinton, MD * Cheswick, PA * Salem, VA
Phone 800-338-7274 Fax 410-820-8916
Visit us on the web! www.mawaste.com



PROPOSAL

Remittance Address for Deposits:

10641 Cordova Road
Easton, MD 21601

SOLD TO

SGWASA
415 Central Ave
Butner, NC 27509

SHIP TO

Quote #: RSSQ43218

Account:

Terms:

Date: 08/07/25

Sales Rep Fred Seitz

Quote expires 30 days from proposal date. Due to fluctuating materials and fuel charges, final price can change without notice. We appreciate the opportunity to work with you on this!

QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
1.00	MODEL 184-HD Trailer Mounted High Pressure Sewer Cleaner Engine: 49 HP Kohler Diesel Tier IV Engine Full Engine Removable Aluminum Shroud Engine Display Electronic Throttle Control Pump: UDOR 18 GPM @ 4000 PSI w/30 Min Run Dry Capability Electric Water On/Off Control Recirculation System Bypass / Flow Control Valve Pulsation System Air Purge System Tank & Fill: 300 Gal. Black Super-Poly Water Tank or 600 Gal. Black Super-Poly Water Tank 2.5" Hydrant Fill System w/ Garden Hose Fill Adapter Hose Reel & Hose: Rotating Safety Hose Reel w/600' Capacity of 1/2" Hose Industrial Swivel Bearing Electrical: NEMA 4 Control Panel Auto Shutdown (High Eng Temp / Low Oil Pressure) 12V DC Power Outlet LED Amber Strobe Light Trailer: Single Torsion Axle, 7,000 GVWR Electric Brakes w/2-5/16" Ball Hitch (1) Alum Toolbox - Fender Mounted D.O.T. Approved LED Lighting Accessories: 10' Leader Hose BB Hose Guide Cleaning Nozzle Penetrator Nozzle Finned Nozzle Extension Nozzle Rack	\$74,177.00	\$74,177.00

1 of 4

Doc #
Date

RSSQ43218
08/07/25

1 of 4

QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
	USB Operator / Owner Manual Air Purge Adapter <i>ENGINE & PUMP OPTIONS:</i> <i>HOSE REEL & HOSE OPTIONS:</i>		
500.00	SEWER HOSE (1/2" I.D. X 4000 PSI OPERATING PRESSURE) PER FT <i>TANK & FILL OPTIONS:</i>	\$5.08	\$2,540.00
1.00	WINTERIZATION SYSTEM WITH 16 GALLON ANTIFREEZE TANK <i>ELECTRICAL OPTIONS:</i>		
1.00	WIRELESS REMOTE PENDANT CONTROL (PRECISION PRESSURE CONTROL, WATER PRESSURE DISPLAY, HOSE REEL PAYOUT/RETRIEVE, EMERGENCY STOP) WIRELESS REMOTE PENDANT CONTROL (PRECISION PRESSURE CONTROL, WATER PRESSURE DISPLAY, HOSE REEL PAYOUT/RETRIEVE, EMERGENCY STOP)		
1.00	LED FLOOD LIGHT (FACTORY STANDARD) <i>TRAILER OPTIONS:</i> <i>NOZZLES & ACCESSORIES:</i>		
1.00	Flushing Nozzle - 1/2 in 6R @ 30" (Included)		
1.00	Penetrator Nozzle - 1/2 in SR1F @ 15" (Included)		
1.00	On Site Training 1 day	\$2,133.00	\$2,133.00
1.00	Freight	\$3,500.00	\$3,500.00
1.00			

Terms: Net on Delivery

Delivery: TBD

All built per manufacturer's standard specifications.

No title or tag fees included.

Due to the volatility of the fuel and steel markets, prices are subject to change without notice.

Price does not include any local, state, or federal excise tax.

Quote expires 30 days from proposal date. Due to fluctuating materials and fuel charges, final price can change without notice. We appreciate the opportunity to work with you on this!

Subtotal	\$82,350.00
Federal Excise Tax	\$0.00
Sales Tax	\$0.00
TOTAL*	\$82,350.00

For orders under \$5,000 you may pay by credit card. Please visit
www.mawaste.com and select "Pay Bill"
*Terms and limitations apply, see Payment terms below

*Total does not include optional items

***F.E.T will be charged on all applicable items
unless current F.E.T Exemption form is on file.***

Any cancellation or modification of order will result in a 20% restocking charge to Buyer.

**SOUTH GRANVILLE WATER AND SEWER AUTHORITY
BUDGET 2025-2026**

CAPITAL OUTLAY

	***** BUDGET *****	
	<u>Acct 510</u>	<u>Acct 520</u>
<u>7140 Sewerline Maintenance</u>		
Replace 2017 Ford F250 with Ford F350 with Crane		\$124,000
Replace 2017 Ford F250 with Ford F350 with Crane		\$124,000
John Deere 5075M Tractor		\$79,500
John Deere RC8M Bushhog		\$8,000
Pioneer 88S12-PPI-02-D Sewer Bypass Pump		\$122,000
Back Pack Leaf Blower	\$572	
Replace Sewer Line Jet Vac with Harben DTK750 ET180		\$82,000
	<u>\$572</u>	<u>\$539,500</u>
<u>7145 Wastewater Treatment Plant</u>		
Replace 2008 Ford Ranger with 2025 F250 Super Duty		\$36,000
GRACE LoneWorker System-Advance Safety Monitoring System		\$25,000
Lab Analytical Balance		\$9,000
Hydrover Hydrant Buddy Valve EX		\$6,500
Electric Chain Hoist	\$3,700	
Vibration Tool	\$1,200	
Infrared Camera	\$4,100	
Multi Gas Detector	\$1,000	
Drying Oven	\$3,000	
Centrifuge	\$3,200	
Dessicator	\$1,500	
Tablets	\$1,600	
	<u>\$19,300</u>	<u>\$76,500</u>
<u>8000 Pump & Lift Stations, Tanks</u>		
Little School St Generator		\$76,930
	<u>\$0</u>	<u>\$76,930</u>
Grand Totals	<u>\$41,248</u>	<u>\$1,228,553</u>

Agenda Item – 16

Topic: Purchase of 2025 Caterpillar 304 Mini Excavator for Utilities Department

Requested Action: Seeking Board of Directors approval to Purchase.

Presenter(s): Chris Summerlin, Assistant Executive Director

Background:

The South Granville Water and Sewer Authority (SGWASA) FY2025-2026 Approved Budget includes \$95,285 to purchase a mini-excavator for the waterline maintenance department.

Analysis:

We are requesting to add a new piece of equipment to our fleet, and we will use it for both water and sewer repairs.

Procurement:

SGWASA purchases vehicles from dealerships that provide North Carolina State and Sheriff's Association Contract prices and terms. SGWASA staff contacted Gregory Poole Equipment Company of Mebane, which offers NC State Contract pricing and terms.

SGWASA has purchased many vehicles from NC State Contract and Sheriff's Association Contract and has had good luck with the services previously. The following table provides information about the vehicle that SGWASA recommends for purchase.

Vehicle	Vendor	Quantity	Unit Price	Total Price
Caterpillar 304	Gregory Poole Equipment Company	1	\$76,530.50	\$76,530.50

Next Steps:

Following Board Approval, a purchase order will be approved and SGWASA staff will move forward in getting this unit purchased.

Recommendation:

SGWASA staff recommends the purchase of the Caterpillar 304C Mini-Excavator with buckets. While this model is not the lowest-cost option among the quotes received, it offers the best overall value for SGWASA's operational needs. The 304C stands out for its superior horsepower, proven reliability, and strong performance history in similar applications.

In addition, SGWASA has had consistently positive experiences with Caterpillar equipment and maintains a strong working relationship with Gregory Poole, the authorized dealer and service provider. Their responsive support and service capabilities further reinforce our confidence in this selection.

For these reasons, staff believes the Caterpillar 304C is the most dependable and cost-effective investment for SGWASA's current and future excavation needs.

Schedule:

SGWASA staff anticipates the purchase to be completed within 90 days of Board approval.

Financial:

The SGWASA FY 2025-2026 Approved Budget includes \$95,285 for the purchase of a new mini excavator. SGWASA staff are requesting the purchase of the new Caterpillar 304 Mini-Excavator with buckets, for a not to exceed amount of \$76,530.50.

Attachments:

Exhibit A: Quotes from Gregory Poole, Quality Equipment (John Deere), Linder (Komatsu) and National Equipment Dealers (Komatsu)

Exhibit B: Capital Outlay FY25-26 Designation

Strategic Plan Goal & Objective Alignment:

Focus Area #1- Safe, Reliable and Sustainable Water System

Focus Area 2: Reliable and Sustainable Sanitary Sewer System

Executive Director's Recommendation:

The SGWASA Board of Directors approve the purchase of a new Caterpillar 304 Mini-Excavator with buckets from Gregory Poole Inc., for a not to exceed amount of \$76,530.50, excluding taxes.

Exhibit A: Quotes from Gregory Poole, Quality Equipment (John Deere), Linder (Komatsu) and National Equipment Dealers (Komatsu)

Gregory Poole Equipment Company	QUOTATION FEDERAL TAXPAYER ID# 56-0487311 WWW.GREGORYPOOLE.COM 919-568-7500	Gregory Poole
PLEASE REMIT TO: Gregory Poole Equipment Company Processing Center, PO Box 60457 Charlotte, NC 28260 https://gregorypoole.billtrust.com	QUOTATION NUMBER Q360046-2 QUOTATION DATE 9/25/2025 VALID UNTIL 11/30/2025	
BILL TO South Granville Water And Sewer Authorit Attn Clerk 415 CENTRAL AVE STE B BUTNER, NC 27509-1915 USA	SHIP TO South Granville Water And Sewer Authorit 1000 W H ST BUTNER, NC 27509-1670 USA	

INVOICE ACCOUNT	ORDER ACCOUNT	WAREHOUSE	DIVISION	PAGE
C017089	C017090	Mebane Heavy Construction	Heavy Construction	1 of 3
SALESMAN	CUSTOMER CONTACT	TERMS		
Keaton E Haack		Net 30 days		
QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE	

Pricing reflects North Carolina 2210A State Contract Discount off of List Price (25%)

1 New Caterpillar 304 Mini Hydraulic Cab Excavator w/ Angle Blade	98,889.00	74,166.75
1 CAT Manual Dual Lock Pin Grabber Coupler	1,667.00	1,250.25
1 CAT 12" Heavy Duty Bucket w/ Pins	1,243.00	932.25
1 CAT 24" Heavy Duty Bucket w/ Pins	1,535.00	1,151.25
1 Includes: - 2 Year / 2000 Hour Premier Warranty - 2 Year Product Link Subscription - Predelivery Inspection - Delivery to Customer - 2 Year / 2000 Hour CVA Parts Maintenance Kits - Filters Only - Installation of Coupler	3,760.00	3,760.00
-1 Gregory Poole Equipment Company Additional Loyalty Discount off of List Price	4,730.00	-4,730.00
North Carolina Sales Tax		5,165.82

EQUIPMENT CONSIST:

1	6609501	304 07A MHE DCA4C
1	6288005	PRODUCT LINK, CELLULAR PL243
1	6394462	INTEGRATED RADIO V2
1	4218926	SERIALIZED TECHNICAL MEDIA KIT
1	0P2266	SHIPPING/STORAGE PROTECTION
1	0P4299	PACKING, LAST MILE PROGRAM
1	0P9002	LANE 2 ORDER

Quoted Sales Price *	81,696.32
* Excludes applicable Fees	

Purchaser warrants that any Trade-In Equipment is free and clear of all liens and encumbrances, except as described above, and that he/she/they are the sole owners. Purchaser has read the terms and conditions on the reverse of this document and acknowledge that this purchase from the seller is subject to the same terms and conditions.

(Sales Representative)	(Purchaser)
------------------------	-------------

GPED004-20150323



Quote Summary

Prepared For

SOUTH GRANVILLE WATER & SEWER AUTHORITY
SGWASA
4158 CENTRAL AVE
BUTNER, NC 27509
Business: 919-575-4068

Prepared By

Scott Clark
Quality Equipment, LLC
70 John Deere Road
Henderson, NC 27537
Phone: 252-438-4111
Mobile: 252-432-5478
sclark@qualityequip.com

Quote Id: 33201470
Created On: 21 July 2025
Last Modified On: 22 July 2025
Expiration Date: 21 August 2025

Equipment Summary	Suggested List	Selling Price	Qty	Extended
JOHN DEERE 35 P-Tier Compact Excavator	\$ 66,603.05	\$ 68,219.84	X 1 =	\$ 68,219.84
Equipment Total				\$ 68,219.84
Trade In Total				\$ 0.00

Quote Summary	
Equipment Total	\$ 68,219.84
Trade In	
SubTotal	\$ 68,219.84
Sales Tax - (6.75%)	\$ 4,604.84
Est. Service Agreement Tax	\$ 0.00
Total	\$ 72,824.68
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	\$ 72,824.68

John Deere
35 hp
cat - 39.5 hp
Yanmar - 39 hp

Salesperson : X

Accepted By : X

Confidential

LINDER

Purchase Agreement

Purchaser:

GRANVILLE WATER AND SEWER AUTHORITY
415 CENTRAL AVE
BUTNER NC 27509-1915
Attn: Robert Jackson

Linder Rep: GAVIN THAMM

Doc # gthamm-0276
Date August 28, 2025
F.O.B
Terms

Equipment Description	Serial #	Stock #	Ext. Price
KOMATSU PC45MR-5			\$86,885.00

Machine Specifications:

PC45MR-5 COMPACT HYDRAULIC EXCAVATOR

HYDRAULIC CONTROL

16" (400MM) RUBBER SHOES

ROPS CANOPY

55 AMP ALTERNATOR (CAB OR CANOPY)

BLADE ASSEMBLY

5"7" ARM ASSY W/AUX HYD PIPING

BOOM-2640MM+ONE ADD.PIPING

PROPORTIONAL CONTROL LEVER

4 WAY POWER ANGLE BLADE

CAB WITH HINGED DOOR

One year unlimited hour full machine warranty included

Attachments:

18" Heavy Duty Bucket - 4.50 CU FT,

24" Heavy Duty Bucket - 6.30 CU FT

36" Ditching Bucket w/ bolt-on edge - 6.64 CU FT,

4-tined hydraulic main-pin mount thumb (coupler and non coupler are same price),

Bucket Pins QTY: 2 Needed (NOT Included in bucket prices),

D-Lock Coupler Hydraulic Installation Kit,

Hydraulic D-LOCK pin-grabber coupler (includes bucket pins & hydraulic kit included),

Financing: 0% for 24 months. → \$ 3885.41 per month

Financing: 0% for 36 months. → \$ 2590.27 per month

Financing: 0% for 48 months. → \$ 1942.70 per month

Financing: 1.99% for 60 months. → \$ 1634.05 per month

**** FINANCE RATES AND TERMS SUBJECT TO CHANGE AT THE END OF EACH MONTH. RATES SHALL BE DETERMINED BY AVAILABLE PROGRAMS AT THE TIME OF DELIVERY ****

Warranty: Premier Months 24 - Hours 2000

Equipment Subtotal	\$86,885.00
Less Trade-Ins	\$ 0.00
Less Down Payment	\$ 0.00
Subtotal	\$86,885.00
Sales Tax	\$5,864.74

Gavin Thamm, Mainline Sales

6515 Chapel Hill Road • Raleigh, NC 27607

Office • 919-430-3067 Cell

gavin.thamm@linder.com www.linder.com

CUSTOMER: South Greenville Water & Sewer Authority	DELIVER TO: South Greenville Water & Sewer Authority	DATE: 7/28/2025
CONTACT: Robert Jackson	PICK UP LOCATION:	SALESMAN: Kevin Smith
PHONE:		Expiration: 45 Days

Thank you for the opportunity to quote the following items.
Please review the quotation and contact us with any questions.

UNIT	QTY.	NEW OR USED	YEAR	MAKE	MODEL	PRICE
DESCRIPTION & SPECIFICATIONS	1	NEW		Yanmar	SV40	\$75,216.53
STANDARD OPTION						Included
STANDARD OPTION						Included
STANDARD OPTION						Included
STANDARD OPTION						Included
STANDARD OPTION						Included
ADDITIONAL OPTION						\$1,535.83
ADDITIONAL OPTION						\$1,904.76
STANDARD WARRANTY						Standard

Subject to possible tariff charge being assessed at time of sale

FOB: Customer	CONTRACT #: NC Sheriff's Contract #26-10-0422	TOTAL CASH PRICE	\$ 78,657.13
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Rates may vary based on delivery date & credit approval process

FINANCE RATE (SUBJECT TO CHANGE):

Customer must qualify for rate quoted.

MONTH	RATE	PAYMENT EST.	PLEASE CHECK & INITIAL
			☐
			☐
			☐
			☐

Trade-In Equipment - Purchaser hereby warrants, sells and conveys with Seller the above described Trade-In Equipment and certifies it to be free and clear of liens, encumbrances, and security interests except to the extent shown below.

I agree to pay all taxes and other charges and costs for the purchase price as follows:

1. Trade Allowance		1. Total Cash Price	78,657.13
2. Other (Specify)		2. Discount/Trade-In Payment	
3. Cash Down Payment (Cash, Rebate, Municipal Discount)		3. Unpaid Cash Payment	78,657.13
4. Total Cash and Other Down Payment		4. Sales Tax - 5.75%	5,309.38
5. Total Down Payment		5. DOC Fees or Charges	
		6. Total Taxes and Fees	5,309.38
		7. Cash Due on Delivery	83,966.51

In the event Buyer fails to pay any or all of the amount described above, Buyer shall be responsible and must reimburse Seller for any costs including those on credit and charges as listed herein by Seller, including the outstanding balance, any past due amounts, mailing and all of such other costs incurred at 15% per month until the entire balance is paid in full.

Order Taken By: Kevin Smith	Purchaser Name: Robert Jackson
Seller Signature: Kevin Smith	Purchaser Signature:



Exhibit C: Picture of the mini-excavator



**SOUTH GRANVILLE WATER AND SEWER AUTHORITY
BUDGET 2025-2026**

CAPITAL OUTLAY

	***** BUDGET *****	
	Acct 510	Acct 520
<u>7110 Administration</u>		
Laptop Replacement: Finance Director	\$2,000	
	<u>\$2,000</u>	<u>\$0</u>
<u>7114 Human Resources</u>		
Laptop Replacement: Human Resources Manager	\$2,000	
	<u>\$2,000</u>	<u>\$0</u>
<u>7118 Engineering</u>		
Replace 2010 Ford Explorer with Dodge Ram 1500 SSV		\$46,866
Laptop: Inspector (new position)	\$2,000	
Tablet: Inspector (new position)	\$1,200	
HP DesignJet XL950 36" Printer		\$5,517
(2) Sub-Surface ML-3 Shot Magnetic Locators	\$2,046	
(4) Pressure Data Logger 0-150 PSI	\$2,320	
(2) Flow Testing Diffuser 2.5"	\$1,275	
	<u>\$8,841</u>	<u>\$52,383</u>
<u>7120 Billing/Collections</u>		
Laptop Replacement: Customer Service Supervisor	\$2,000	
Epson Receipt Printer Replacement	\$1,000	
	<u>\$3,000</u>	<u>\$0</u>
<u>7133 Water Treatment Plant</u>		
Replace Lake Holt Generator		\$133,855
Replace AC System		\$95,000
	<u>\$0</u>	<u>\$228,855</u>
<u>7136 Meter Readers</u>		
(2) Laptops for Trucks	\$4,000	
	<u>\$4,000</u>	<u>\$0</u>
<u>7139 Waterline Maintenance</u>		
Mini Excavator Caterpillar 304C		\$95,285
TowMaster T-20LP Trailer for Mini Excavator		\$36,900
Grundomat 75P Horizontal Boring Tool		\$8,245
K970 Ring Saw 17" with (3) Blades		\$6,977
Portacool Utility Warehouse Evaporative Cooler		\$5,528
Replace Jack Hammer	\$1,535	
Replace Portable Valve Turning Key		\$9,450
Portable Valve Exercise Machine - Trailer Mount		\$92,000
	<u>\$1,535</u>	<u>\$254,385</u>

Agenda Item – 17

Topic: Sewer Line Extension for Elbert Street in Creedmoor, NC

Requested Action: Seeking Board Approval for Sewer Extension

Presenter(s): Chris Summerlin, Assistant Executive Director

Background:

The South Granville Water and Sewer Authority (SGWASA) owns and operates 145 miles of distribution water lines and 154 miles of collection system (gravity and sewer force mains).

Analysis:

As residential and commercial development continues throughout the SGWASA service area, extensions to SGWASA's water and sewer infrastructure are necessary. Per SGWASA's Water and Sewer Specifications: **"If an extension of the Authority's water or sewer system is proposed, the extension will be approved by the SGWASA Board."** In accordance with this requirement, we are presenting a sewer extension request to the Board for two residential homes proposed on Elbert Street, near Charles Street in Creedmoor, NC (800 and 802 Elbert Street; the name of this subdivision is Fletcher Trace; these lots were subdivided from an existing lot at 703 Lake Rd). These lots currently lack access to public sewer infrastructure. To address this, the landowner has partnered with C3 Engineering to design a sewer extension that meets both NCDEQ and SGWASA specifications.

The proposed infrastructure includes:

- **165 feet of 8" gravity sewer line**
- **2 manholes**

Sewer allocation for these two lots was granted and accounted for in 2021. The landowner is fully funding the extension, and SGWASA has no financial obligation for the installation of the proposed infrastructure.

Next Steps:

Following Board Approval, the NCDEQ application that is required for the sewer line extension will be signed and provided to NCDEQ for their review and approval. Once NCDEQ approves the application, work will be authorized to commence to add the 2 manholes and 165 feet of gravity sewer to SGWASA's collection system. The sewer infrastructure installation will be inspected by SGWASA staff to ensure it complies with SGWASA's specifications.

Recommendation:

SGWASA staff recommends the Board members approve the sewer extension request of 165 feet of gravity sewer and 2 manholes for Elbert Street in the City of Creedmoor, NC.

Financial:

The installation of this gravity sewer will not impose a negative financial impact to SGWASA for the installation. A positive fiscal impact is the net revenue derived from new utility customers once they initiate utility service.

Attachments:

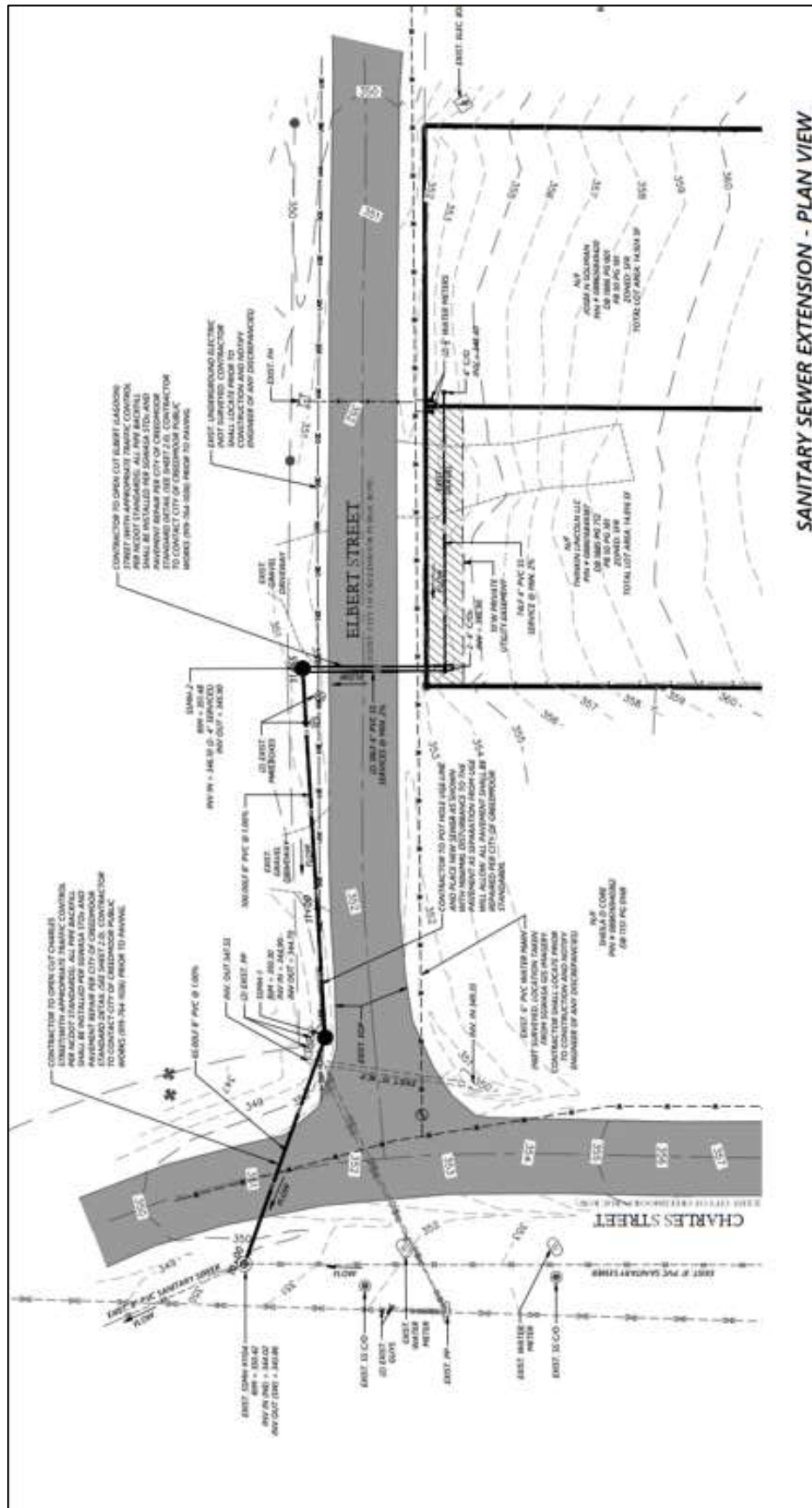
Exhibit A: Plans for the gravity sewer addition on Elbert Street

Strategic Plan Goal & Objective Alignment:

Focus Area 1: Reliable and Sustainable Sanitary Sewer System

Executive Director's Recommendation:

The SGWASA Board of Directors approves the extension of the sanitary sewer system to include the addition of two manholes and approximately 165 feet of gravity sewer pipeline, serving two existing lots on Elbert Street in Creedmoor, as part of SGWASA's collection system.



Agenda Item – 18

Topic: Fiscal Year 2025-2026 Budget Amendment #5

Requested Action: Seeking the Board of Directors approval of Budget Amendment #5

Presenter(s): Richard Balmer, Finance Director

Background:

Budget Amendment #5 appropriates budget for the award of the Construction Contract #2 (CP2) of the I-85 Sanitary Sewer Project as presented by the Executive Director in a previous item on tonight's Agenda. This Amendment includes anticipated funding from the USDA loan and projected Authority funding to align budget with the Capital Project Ordinance in accordance with the recently finalized USDA Budget.

Board Approved FY 2025-2026 Budget Amendments to Date: Effect on Fund Balance

Item	Operating	CIP	Total Amount
Original Budget Ordinance	(\$ 1,345,076)	\$ 0	(\$ 1,345,076)
Budget Amendment #1 (July 2025)	(\$ 4,000)	\$ 0	(\$ 4,000)
Budget Amendment #2 (August 2025)	(\$ 145,424)	(\$ 900,012)	(\$ 1,045,436)
Budget Amendment #3 (August 2025)	(\$ 987,528)	0	(\$ 987,528)
Budget Amendment #4 (September 2025)	(\$ 1,250)	(\$ 170,000)	(\$ 171,250)
Total	(\$ 2,483,278)	(\$ 1,070,012)	(\$ 3,553,290)

Budget Amendment #5

Be it ordained, the FY 2025-2026 Annual Budget Ordinance is hereby amended as follows:

Revenues: Increase / (Decrease)	Amendment/Change	
Other Financing Sources	\$ 23,744,498	
Transfer from Fund Balance	\$ 11,037,207	
Total Revenues		\$ 34,781,705
Expenditures: Increase / (Decrease)		
Projects and Studies	\$ 34,781,705	
Total Expenditures		\$ 34,781,705

Strategic Plan Alignment:

Focus Area #2 – Reliable and Sustainable Sanitary Sewer System

- Objective #3: Enhance financial and operational components of the sanitary sewer system to support capital investments and efficient operations.

Attachments:

BA5 Supporting Documentation

Executive Director's Recommendation:

The SGWASA Board of Directors approve Budget Amendment #5.

Budget Amendment #5 Supporting Documentation

BA #5 Supporting Documentation (For Reference Only)			
		Amendment / Change	Budget after Change
<u>Projects and Studies</u>			
61-7300-8420	Project: Sewer I-85 CP2 Construction	\$ 30,238,282	\$ 30,238,282
61-3998-0000	Other Financing Sources	\$ (23,365,282)	\$ (61,290,326)
61-4000-0000	Fund Balance	\$ (6,873,000)	(10,426,290)
	Appropriate budget for award of I85 CP2 award	0	
	Record USDA funding for I85 CP2		
	Appropriate CIP fund balance for USDA required Sgwasa contribution		
61-7300-8430	Project: Sewer I-85 East SGWASA Funded (contingency)	\$ 1,626,756	\$ 1,750,070
61-7300-8430	Project: Sewer I-85 East SGWASA Funded (capitalized interest)	\$ 2,916,667	\$ 4,666,737
61-3998-0000	Other Financing Sources	\$ (379,216)	\$ (61,669,542)
61-4000-0000	Fund Balance	\$ (4,164,207)	(14,590,497)
	Appropriate/align budget to USDA Budget & Capital Proj Ordinance	0	
	Appropriate fund balance for remaining Sgwasa-funded expenses		
		Operating	CIP
	Transfer to (from) FB-original budget	\$ (1,345,076)	\$ 0
	Budget Amendment #1	\$ (4,000)	\$ 0
	Budget Amendment #2	\$ (145,424)	\$ (900,012)
	Budget Amendment #3	\$ (987,528)	\$ 0
	Budget Amendment #4	\$ (1,250)	\$ (170,000)
	Budget Amendment #5	\$ (4,164,207)	\$ (6,873,000)
	Transfer to (from) FB-amended budget	\$ (\$6,647,485)	\$ (\$7,943,012)
			Total
			(\$1,345,076)
			(\$4,000)
			(\$1,045,436)
			(\$987,528)
			(\$171,250)
			(\$11,037,207)
			(\$14,590,497)

Agenda Item – 19

Topic: Fiscal Year 2025-2026 Budget Amendment #6

Requested Action: Seeking the Board of Directors approval of Budget Amendment #6

Presenter(s): Richard Balmer, Finance Director

Background:

Budget Amendment #6 reflects the award of a North Carolina Department of Environmental Quality (NCDEQ) Asset Inventory and Assessment (AIA) grant for the Water Treatment Plant (WTP) Master Plan and the award of the contract for services to McGill Associates as presented by the Executive Director in a previous item on tonight's Agenda. This Amendment captures contracted expenses and the anticipated funding from the grant. The expenses include the required 20% match of \$30,000 and a 1.5% application fee of \$2,250 which must be funded by the Authority. The Executive Director has determined there is insufficient fund balance in the CIP designated fund balance; thus this Amendment reflects appropriation of operating fund balance.

Board Approved FY 2025-2026 Budget Amendments to Date: Effect on Fund Balance

Item	Operating	CIP	Total Amount
Original Budget Ordinance	(\$ 1,345,076)	\$ 0	(\$ 1,345,076)
Budget Amendment #1 (July 2025)	(\$ 4,000)	\$ 0	(\$ 4,000)
Budget Amendment #2 (August 2025)	(\$ 145,424)	(\$ 900,012)	(\$ 1,045,436)
Budget Amendment #3 (August 2025)	(\$ 987,528)	\$ 0	(\$ 987,528)
Budget Amendment #4 (September 2025)	(\$ 1,250)	(\$ 170,000)	(\$ 171,250)
Budget Amendment #5 (October 2025)	(\$4,164,207)	(\$ 6,873,000)	(\$ 11,037,207)
Total	(\$ 6,647,485)	(\$ 7,943,012)	(\$ 14,590,497)

Budget Amendment #6

Be it ordained, the FY 2025-2026 Annual Budget Ordinance is hereby amended as follows:

Revenues: Increase / (Decrease)

	Amendment/Change
Other Financing Sources	\$ 150,000
Fund Balance	\$ 32,250

Total Revenues \$ **182,250**

Expenditures: Increase / (Decrease)

Projects and Studies	\$ 182,250
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Total Expenditures \$ **182,250**

Strategic Plan Alignment:

Focus Area #1 – Safe, Reliable and Sustainable Water System

- Objective #4: Enhance financial and operational components of the water system to support capital investments and efficient operations.

Attachments:

BA6 Supporting Documentation

Executive Director's Recommendation:

The SGWASA Board of Directors approve Budget Amendment #6.

Budget Amendment #6 Supporting Documentation

BA #6 Supporting Documentation (For Reference Only)				
		<i>Amendment / Change</i>	<i>Budget after Change</i>	
<i>Projects and Studies</i>				
61-7300-8450	Project: AIA DEQ Grant	\$ 150,000	\$ 370,918	
61-7300-8450	Project: AIA DEQ Grant	\$ 32,250	\$ 403,168	
61-3998-0000	Other Financing Sources	\$ (150,000)	\$ (61,819,542)	
61-4000-0000	Fund Balance	\$ (32,250)	\$ (3,585,540)	
	<i>Appropriate expenses and funding for DEQ AIA Grant</i>	0		
	<i>WTP Master Plan</i>			
	<i>No available CIP designated fund balance (FB); appropriating operating FB</i>			
		Operating	CIP	Total
	Transfer to (from) FB-original budget	\$ (1,345,076)	\$ 0	(\$1,345,076)
	Budget Amendment #1	\$ (4,000)	\$ 0	(\$4,000)
	Budget Amendment #2	\$ (145,424)	\$ (900,012)	(\$1,045,436)
	Budget Amendment #3	\$ (987,528)	\$ 0	(\$987,528)
	Budget Amendment #4	\$ (1,250)	\$ (170,000)	(\$171,250)
	Budget Amendment #5	\$ (4,164,207)	\$ (6,873,000)	(\$11,037,207)
	Budget Amendment #6	\$ (32,250)	\$ 0	(\$32,250)
	Transfer to (from) FB-amended budget	\$ (\$6,679,735)	\$ (\$7,943,012)	(\$14,622,747)

Agenda Item – 20

Topic: Fiscal Year 2025-2026 Budget Amendment #7

Requested Action: Seeking the Board of Directors approval of Budget Amendment #7

Presenter(s): Richard Balmer, Finance Director

Background:

Budget Amendment #7 reflects the award of the award for PFAS water treatment plant design services to CDM Smith as presented by the Executive Director in a previous item on tonight's Agenda. This Amendment captures contracted expenses and the anticipated funding from the \$5,000,000 Legislative Grant. This amendment has no effect on fund balance as it will be entirely paid for using grant funding.

Board Approved FY 2025-2026 Budget Amendments to Date: Effect on Fund Balance

Item	Operating	CIP	Total Amount
Original Budget Ordinance	(\$ 1,345,076)	\$ 0	(\$ 1,345,076)
Budget Amendment #1 (July 2025)	(\$ 4,000)	\$ 0	(\$ 4,000)
Budget Amendment #2 (August 2025)	(\$ 145,424)	(\$ 900,012)	(\$ 1,045,436)
Budget Amendment #3 (August 2025)	(\$ 987,528)	\$ 0	(\$ 987,528)
Budget Amendment #4 (September 2025)	(\$ 1,250)	(\$ 170,000)	(\$ 171,250)
Budget Amendment #5 (October 2025)	(\$4,164,207)	(\$ 6,873,000)	(\$ 11,037,207)
Budget Amendment #6 (October 2025)	(\$ 32,250)	\$ 0	(\$ 32,250)
Total	(\$ 6,679,735)	(\$ 7,943,012)	(\$ 14,622,747)

Budget Amendment #7

Be it ordained, the FY 2025-2026 Annual Budget Ordinance is hereby amended as follows:

Revenues: Increase / (Decrease)	Amendment/Change	
Other Financing Sources	\$ 3,209,800	
Total Revenues		\$ 3,209,800
Expenditures: Increase / (Decrease)		
Projects and Studies	\$ 3,209,800	
Total Expenditures		\$ 3,209,800

Strategic Plan Alignment:

Focus Area #1 – Safe, Reliable and Sustainable Water System

- Objective #4: Enhance financial and operational components of the water system to support capital investments and efficient operations.

BA7 Supporting Documentation

The SGWASA Board of Directors approve Budget Amendment #7.

BA #7 Supporting Documentation (For Reference Only)			
		Amendment / Change	Budget after Change
<u>Projects and Studies</u>			
61-7300-8620	Project: PFAS WTP Upgrades	\$ 3,209,800	\$ 3,376,930
61-3998-0000	Other Financing Sources	\$ (3,209,800)	\$ (65,029,342)
	Appropriate expenses for CDM Smith PFAS Design award	0	
	Appropriate portion of \$5m Legislative grant for funding		

	Operating	CIP	Total
Transfer to (from) FB-original budget	\$ (1,345,076)	\$ 0	(\$1,345,076)
Budget Amendment #1	\$ (4,000)	\$ 0	(\$4,000)
Budget Amendment #2	\$ (145,424)	\$ (900,012)	(\$1,045,436)
Budget Amendment #3	\$ (987,528)	\$ 0	(\$987,528)
Budget Amendment #4	\$ (1,250)	\$ (170,000)	(\$171,250)
Budget Amendment #5	\$ (4,164,207)	\$ (6,873,000)	(\$11,037,207)
Budget Amendment #6	\$ (32,250)	\$ 0	(\$32,250)
Budget Amendment #7	\$ 0	\$ 0	\$0
Transfer to (from) FB-amended budget	\$ (\$6,679,735)	\$ (\$7,943,012)	(\$14,622,747)

Agenda Item -21

Topic: Fiscal Year 2025-2026 Budget Amendment #8

Requested Action: Seeking the Board of Directors approval of Budget Amendment #8

Presenter(s): Richard Balmer, Finance Director

Background:

Budget Amendment #8 appropriates additional budget for workers compensation insurance. The plan year 2024-2025 audit of payroll by SGWASA's insurer resulted in higher payroll for the plan year than was originally included in the premium for the year. This resulted in an additional premium of \$8,000 being charged for plan year 2024-2025 to be paid in October 2025.

Estimating accurate payroll projections for workers' compensation renewals has become more complex due to frequent position changes and rising overtime costs, which often occur after renewal submissions.

Board Approved FY 2025-2026 Budget Amendments to Date: Effect on Fund Balance

Item	Operating	CIP	Total Amount
Original Budget Ordinance	(\$ 1,345,076)	\$ 0	(\$ 1,345,076)
Budget Amendment #1 (July 2025)	(\$ 4,000)	\$ 0	(\$ 4,000)
Budget Amendment #2 (August 2025)	(\$ 145,424)	(\$ 900,012)	(\$ 1,045,436)
Budget Amendment #3 (August 2025)	(\$ 987,528)	\$ 0	(\$ 987,528)
Budget Amendment #4 (September 2025)	(\$ 1,250)	(\$ 170,000)	(\$ 171,250)
Budget Amendment #5 (October 2025)	(\$ 4,164,207)	(\$ 6,873,000)	(\$ 11,038,207)
Budget Amendment #6 (October 2025)	(\$ 32,250)	\$ 0	(\$ 32,250)
Budget Amendment #7 (October 2025)	\$ 0	\$ 0	\$ 0
Total	(\$ 6,679,735)	(\$ 7,943,012)	(\$ 14,622,747)

Budget Amendment #8

Be it ordained, the FY 2025-2026 Annual Budget Ordinance is hereby amended as follows:

Revenues: Increase / (Decrease)	Amendment/Change	
Transfer from Fund Balance	\$ 8,000	
Total Revenues	\$	8,000
Expenditures: Increase / (Decrease)		
Depreciation/Board/Other	\$ 8,000	
Total Expenditures	\$	8,000

Strategic Plan Alignment:

Focus Area #1 – Safe, Reliable and Sustainable Water System

- Objective #4: Enhance financial and operational components of the water system to support capital investments and efficient operations.

Focus Area #2 – Reliable and Sustainable Sanitary Sewer System

- Objective #3: Enhance financial and operational components of the sanitary sewer system to support capital investments and efficient operations.

Attachments:

BA8 Supporting Documentation

Executive Director's Recommendation:

The SGWASA Board of Directors approve Budget Amendment #8.

Budget Amendment #8 Supporting Documentation

BA #8 Supporting Documentation
(For Reference Only)

		<u>Amendment / Change</u>	<u>Budget after Change</u>
<u>Depreciation/Board/Other</u>			
61-7200-4500	Insurance-Workers Comp	\$ 8,000	\$ 63,000
61-4000-000	Transfer from Fund Balance (operating)	\$ (8,000)	\$ (14,630,747)
Appropriate additional budget for workers comp ins		0	
Audit of fy 24-25 resulted in higher payroll; additional premium due			

		Operating	CIP	Total
	Transfer to (from) FB-original budget	\$ (1,345,076)	\$ 0	(\$1,345,076)
	Budget Amendment #1	\$ (4,000)	\$ 0	(\$4,000)
	Budget Amendment #2	\$ (145,424)	\$ (900,012)	(\$1,045,436)
	Budget Amendment #3	\$ (987,528)	\$ 0	(\$987,528)
	Budget Amendment #4	\$ (1,250)	\$ (170,000)	(\$171,250)
	Budget Amendment #5	\$ (4,164,207)	\$ (6,873,000)	(\$11,037,207)
	Budget Amendment #6	\$ (32,250)	\$ 0	(\$32,250)
	Budget Amendment #7	\$ 0	\$ 0	\$0
	Budget Amendment #8	\$ (8,000)	\$ 0	(\$8,000)
	Transfer to (from) FB-amended budget	\$ (\$6,687,735)	\$ (\$7,943,012)	(\$14,630,747)

Agenda Item -22

Topic: Collection System Upgrades: Capital Project Ordinance Amendment #3

Requested Action: Seeking the Board of Directors approval of the amended Capital Project Ordinance.

Presenter(s): Richard Balmer, Finance Director

Background:

On May 10, 2022, the South Granville Water and Sewer Authority (SGWASA) Board passed a Capital Project Ordinance to appropriate funds for the purpose of the I-85 Sanitary Sewer Collection System Upgrade Project. The Ordinance appropriated \$5,352,900 for engineering design services utilizing funds from a \$35 million American Rescue Plan Act (ARPA) Grant and appropriated \$1 million of SGWASA's Capital Improvement Program (CIP) designated fund balance for legal services, related sub-contracted services, land acquisition, easements, and other direct costs. A copy of the Resolution is included for reference.

On June 11, 2024, the SGWASA Board adopted an amended Capital Project Ordinance (amendment #1) which included an amendment to the CDM Smith Design Engineering Contract of \$374,600 and an appropriation of \$1.4 million for easement acquisition.

On March 11, 2025, the SGWASA Board adopted an amended Capital Project Ordinance (amendment #2) which appropriated the full amount of the \$35 million North Carolina Department of Environmental Quality/ Division of Water Infrastructure (DEQ/DWI) grant funding, the anticipated \$35 million United States Department of Agriculture (USDA) loan funding, the required \$6,873,000 SGWASA fund balance contribution, and \$314,770 for SGWASA-funded direct costs related to mitigation fees, railroad fees, and increase easement acquisition costs.

In August 2025, SGWASA staff in collaboration with CDM Smith and the USDA finalized the project Budget as required by the North Carolina Local Government Commission (NCLGC) for consideration of the revenue bond approval. This Amendment to the Capital Project Ordinance aligns the Ordinance with the final USDA Budget for all known and estimated costs related to the project.

Analysis:

The amended Capital Project Ordinance is being presented to update the Ordinance as of June 30, 2026.

Schedule:

The Amended Ordinance will be recorded and reflected in the Audited Financial Statements for year ending June 30, 2026.

Financial:

Included in tonight's Agenda package is a Budget Amendment to record all financing sources (revenues) and expense appropriations to align budget to the amended Capital Project Ordinance for this project with all known items to date.

Strategic Plan Alignment:

Focus Area #2 – Reliable and Sustainable Sanitary Sewer System

- Objective #3: Enhance financial and operational components of the sanitary sewer system to support capital investments and efficient operations.

Attachments:

1. Capital Project Ordinance original adopted May 10, 2022
2. Capital Project Ordinance as amended June 11, 2024 (Amended #1)
3. Capital Project Ordinance as amended March 11, 2025 (Amended #2)
4. Capital Project Ordinance recommended amendment (Amendment #3)

Recommendation:

The Executive Director recommends that the Board adopt the Amended Capital Project Ordinance as presented.



South Granville Water and Sewer Authority
Capital Project Ordinance
For The I-85 Sanitary Sewer Collection System Upgrade Project

BE IT ORDAINED by the Board of the South Granville Water and Sewer Authority that, pursuant to Section 13.2 of Chapter 159 of the General Statutes of North Carolina, the following Capital Project Ordinance is hereby established:

Section 1.

The Board hereby creates this Capital Project Ordinance for the purpose of the I-85 Sanitary Sewer Collection System Upgrade Project.

Section 2.

The officers of this governmental unit are hereby directed to proceed with this capital project within the guidelines set by the budget contained herein.

Section 3.

The following revenues are anticipated to be available to complete this project and are hereby appropriated and/or referenced by prior action of the Board:

NC ARPA Funding; Administered by DEQ/DWI	\$ 5,352,900
Enterprise Fund Appropriation	<u>\$ 1,000,000</u>
	<u>\$ 6,352,900</u>

Section 4.

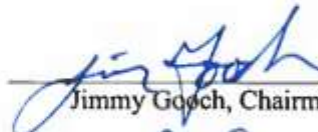
The following amounts are available for expenditures for this project:

Engineering Costs	\$ 5,352,900
Other Direct Costs	<u>\$ 1,000,000</u>
	<u>\$ 6,352,900</u>

Section 5.

Copies of this Capital Project Ordinance shall be furnished to the Board Treasurer, the Finance Director, and to the SGWASA Board Secretary.

Adopted this 10th day of May 2022.


Jimmy Gooch, Chairman


Scott N. Schroyer, Secretary

[SEAL]

**South Granville Water and Sewer Authority
Capital Project Ordinance Amendment
For Collection System Upgrades**

BE IT ORDAINED by the Board of the South Granville Water and Sewer Authority that, pursuant to Section 13.2 of Chapter 159 of the General Statutes of North Carolina, the following Capital Project Ordinance is hereby amended for the fiscal year ending June 30, 2024:

Section 1.

The Board hereby amends this Capital Project Ordinance for the purpose of upgrading the collection system.

Section 2.

The officers of this governmental unit are hereby directed to proceed with this capital project within the guidelines set by the budget contained herein.

Section 3.

The following revenues are anticipated to be available to complete this project and are hereby appropriated and/or referenced by prior action of the Board:

	<u>Current Appropriation</u>	<u>Increase (Decrease)</u>	<u>Amended Appropriation</u>
NC ARPA Funding; Administered by DEQ/DWI	\$ 5,352,900	\$ 374,600	\$5,727,500
Enterprise Fund Appropriation	<u>\$ 1,000,000</u>	<u>\$1,400,000</u>	<u>\$2,400,000</u>
	\$ 6,352,900	\$1,774,600	\$8,127,500

Section 4.

The following amounts are available for expenditures for this project:

Engineering Costs	\$ 5,727,500
Easement Acquisition & Other Direct Costs	<u>\$ 2,400,000</u>
	<u>\$ 8,127,500</u>

Section 5.

Copies of this Capital Project Ordinance shall be furnished to the Board Treasurer, the Finance Director, and to the SGWASA Board Secretary.

Adopted this 11th day of June 2024.


Jimmy Gooch, Chairman


Secretary

[SEAL]

**South Granville Water and Sewer Authority
Capital Project Ordinance Amendment
For Collection System Upgrades**

BE IT ORDAINED by the Board of the South Granville Water and Sewer Authority that, pursuant to Section 13.2 of Chapter 159 of the General Statutes of North Carolina, the following Capital Project Ordinance is hereby amended for the fiscal year ending June 30, 2025:

Section 1.

The Board hereby amends this Capital Project Ordinance for the purpose of upgrading the collection system.

Section 2.

The officers of this governmental unit are hereby directed to proceed with this capital project within the guidelines set by the budget contained herein.

Section 3.

The following revenues are anticipated to be available to complete this project and are hereby appropriated and/or referenced by prior action of the Board:

	<u>Current Appropriation</u>	<u>Increase (Decrease)</u>	<u>Amended Appropriation</u>
NC ARPA Funding; Administered by DEQ/DWI	\$ 5,727,500	\$ 29,272,500	\$ 35,000,000
USDA Loan	\$ 0	\$ 35,000,000	\$ 35,000,000
Enterprise Fund Appropriation	<u>\$ 2,400,000</u>	<u>\$ 7,187,770</u>	<u>\$ 9,587,770</u>
	\$ 8,127,500	\$ 64,587,270	\$ 79,587,770

Section 4.

The following amounts are available for expenditures for this project:

Engineering Costs	\$ 11,423,500
Easement Acquisition & Other Direct Costs	\$ 2,714,770
Construction: Package 1	\$ 34,832,000
Construction: Package 2	<u>\$ 30,617,500</u>
	<u>\$ 79,587,770</u>

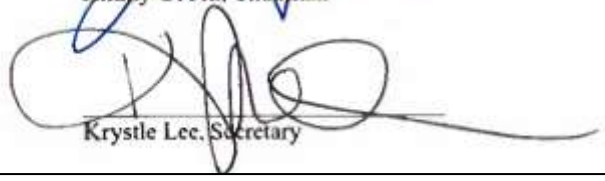
Section 5.

Copies of this Capital Project Ordinance shall be furnished to the Board Treasurer, the Finance Director, and to the SGWASA Board Secretary.

Adopted this 11th day of March 2025.



Jimmy Gooch, Chairman



Krystle Lee, Secretary

**South Granville Water and Sewer Authority
Capital Project Ordinance Amendment
For Collection System Upgrades**

BE IT ORDAINED by the Board of the South Granville Water and Sewer Authority that, pursuant to Section 13.2 of Chapter 159 of the General Statutes of North Carolina, the following Capital Project Ordinance is hereby amended for the fiscal year ending June 30, 2026:

Section 1.

The Board hereby amends this Capital Project Ordinance for the purpose of upgrading the collection system.

Section 2.

The officers of this governmental unit are hereby directed to proceed with this capital project within the guidelines set by the budget contained herein.

Section 3.

The following revenues are anticipated to be available to complete this project and are hereby appropriated and/or referenced by prior action of the Board:

	<u>Current Appropriation</u>	<u>Increase (Decrease)</u>	<u>Amended Appropriation</u>
NC ARPA Funding; Administered by DEQ/DWI	\$35,000,000	\$ 0	\$ 35,000,000
USDA Loan	\$35,000,000	\$ 0	\$ 35,000,000
Enterprise Fund Appropriation	<u>\$ 9,587,770</u>	<u>\$ 4,264,206</u>	<u>\$ 13,851,976</u>
	\$79,587,770	\$ 4,264,206	\$ 83,851,976

Section 4.

The following amounts are available for expenditures for this project:

Engineering Costs	\$ 11,423,500
Easement Acquisition & Other Direct Costs	\$ 2,809,770
Construction Contingency (Partially Sgwsa Funded)	\$ 1,626,757
Capitalized Interest (Sgwsa Funded, estimated)	\$ 2,921,667
Construction: Package 1	\$ 34,832,000
Construction: Package 2	<u>\$ 30,238,282</u>
	<u>\$ 83,851,976</u>

Section 5.

Copies of this Capital Project Ordinance shall be furnished to the Board Treasurer, the Finance Director, and to the SGWASA Board Secretary.

Adopted this ____th day of _____ 2025.

Jimmy Gooch, Chairman

Krystle Lee, Secretary

[SEAL]

Agenda Item -23

Topic: SGWASA Board of Directors 2026 Meeting Schedule

Requested Action: Seeking the Board of Directors approval of the meeting schedule.

Presenter(s): Scott N. Schroyer, Executive Director

Background:

In preparation for 2026, staff prepared the attached South Granville Water and Sewer Authority (SGWASA) Board of Directors Meeting Schedule for the Board's review and approval.

The SGWASA Board Meetings will be held on the second Tuesday of each month, beginning at 6:00 pm, located at the Town of Butner Council Chambers (415 Central Avenue, Butner, NC 27509).

Attachment:

Exhibit A: Proposed 2026 Board of Directors Meeting Schedule.

Executive Director's Recommendation:

The Board of Directors approve the 2026 Board Meeting Schedule.



South Granville Water and Sewer Authority

2026 Board Meeting Schedule

MEETING	DATE
January Board Meeting	January 13, 2026
February Board Meeting*	February 10, 2026
March Board Meeting	March 10, 2026
April Board Meeting	April 14, 2026
May Board Meeting	May 12, 2026
June Board Meeting	June 9, 2026
July Board Meeting	July 14, 2026
August Board Meeting	August 11, 2026
September Board Meeting	September 8, 2026
October Board Meeting	October 13, 2026
November Board Meeting	November 10, 2026
December Board Meeting	December 8, 2026

** Annual Meeting for the Election of Officers: Chair, Vice-Chair, Secretary, and Treasurer*

SGWASA Board Meetings are held at 415 Central Avenue in Butner, NC 27509 within the Town of Butner Council Chambers. Meetings begin promptly at 6:00 pm (unless otherwise listed). Check sgwasa.org for meeting updates.

South Granville Water & Sewer Authority

 (919) 575-3367
 (919) 575-4547

 www.sgwasa.org
 customerservice@sgwasa.org

 415 Central Ave, Ste B
Butner, NC 27509

Agenda Item - 24

Topic: Proposed 2026 SGWASA Holiday Schedule

Requested Action: The Board consider adding President's Day (third Monday in February) as an official SGWASA holiday beginning in 2026 and approving the 2026 Holiday Schedule shown in Exhibit A.

Presenter(s): Scott N. Schroyer, Executive Director/Priscilla Adcock, Human Resources Manager

Background:

SGWASA currently observes ten holidays annually, consistent with many municipal utilities in North Carolina. President's Day is a federal holiday widely recognized across the U.S., though not currently part of North Carolina's state holiday schedule. Adding this holiday would align SGWASA with evolving public-sector practices and enhance our position as an employer of choice. Note: Banks are also closed on President's Day.

Rationale:

1. Employee Morale & Retention

- Paid holidays are a key factor in job satisfaction and retention.
- Additional time off supports work-life balance, reducing burnout and turnover risk.

2. Productivity & Engagement

- Research shows that periodic breaks improve focus, creativity, and overall performance.
- February is a low-demand operational period, minimizing service impact.

3. Competitive Positioning

- Many public agencies and utilities nationwide offer President's Day as a holiday.
- This move signals SGWASA's commitment to employee well-being and modern workplace standards.

4. Operational & Financial Impact

- Operational: Minimal impact anticipated; essential services will maintain coverage as with other holidays.
- Financial: Estimated cost is equivalent to one additional paid day per employee, offset by potential savings from improved retention and reduced absenteeism.

Attachment:

Exhibit A: Proposed 2026 SGWASA Holiday Schedule – Includes President's Day.

Executive Director's Recommendation:

The Board of Directors consider adding President's Day as an official SGWASA holiday starting in 2026 and approve the recommended 2026 Holiday Schedule shown in Exhibit A..

Exhibit A: Proposed 2026 SGWASA Holiday Schedule

2026 Holiday Schedule		
Holiday	Observance Date	Day of Week
New Year's Day	January 1, 2026	Thursday
Martin Luther King, Jr's Birthday	January 19, 2026	Monday
Presidents Day	February 16, 2026	Monday
Good Friday	April 3, 2026	Friday
Memorial Day	May 25, 2026	Monday
Juneteenth National Independence Day	June 19, 2026	Friday
Independence Day	July 3, 2026	Friday
Labor Day	September 7, 2026	Monday
Veteran's Day	November 11, 2026	Wednesday
Thanksgiving	November 26 & 27, 2026	Thursday & Friday
Christmas	December 24, 25 & 28, 2026	Thursday, Friday, Monday

Agenda Item – 25

Comments from the Executive Director

Scott N. Schroyer, Executive Director, will provide the Board with comments and any special items for the Board of Directors.

Agenda Item - 26

Comments from the SGWASA Attorney

Attorney James Wrenn will provide the Board with comments and any special items for the Board of Directors.

Agenda Item - 27

Comments from Board Members

Butner Councilperson Vicky Daniels
Creedmoor Commissioner Robert Way
Granville County Commissioner Russ May
Stem Commissioner Kenneth McLamb
Creedmoor Commissioner Georgana Kicinski, Vice-Chair
Granville County Commissioner Jimmy Gooch - Chair

Agenda Item - 28

Closed Session (as needed)

Agenda Item - 29

Meeting Adjournment