SUB-REGIONAL OPERATING GROUP (SROG)
Advisory Committee

MEETING NOTICE AND TENTATIVE AGENDA

Thursday, August 20, 2026 – 1:00 p.m.

Arizona Municipal Water Users Association
Board Room
3003 North Central Avenue, Suite 1550
Phoenix, Arizona 85012

A. Call to Order—Mr. Arif Rahman, Chair, Mesa

B. General Business—Items for Discussion and Possible Action

1. Approval of the Minutes from the April 16, 2026 Meeting

2. Schedule Next Meeting Date: Thursday, September 17, 2026, at 1:00 p.m.

3. Information Items

   a. Multi-City Project Analysis of the 91st Avenue WWTP

   b. Aging Report

4. 91st Avenue WWTP Year End Flow and Loading Report for Fiscal Year 2025-26

   Wilson Engineers will present the results of their Flow, COD, and TSS Loading and Analysis (robust analysis) for Fiscal Year 2025-26. The robust analysis is used as the basis for the final settlement.

   Please refer to Agenda Item #4.

5. Calibration Report Fiscal Year 2025-26

   The Calibration Report for Fiscal Year 2025-26 will be presented for acceptance.

   Please refer to Agenda Item #5.

6. SRO Condition Assessment

   The SRO Condition Assessment will be presented for acceptance.

7. Proposed Billing Schedule

   There will be a discussion of the steps and acceptance of a new Billing Schedule.

C. Future Agenda Items

D. Adjournment

AGENDA ITEM #1

DRAFT

SROG ADVISORY COMMITTEE

MEETING MINUTES

April 16, 2026

MEMBERS

Mark Roye, Chair, Glendale
Julia Campo for Bryan Cassens, Scottsdale
Stacey Kisling, Phoenix
Arif Rahman, Mesa
Steve White for Craig Caggiano, Tempe

OTHERS

Michelle Barclay, AMWUA
Araceli Canez, Phoenix
Bryan Cassens, Scottsdale
Tara Gonzales, Phoenix
Kyle Kraft, Phoenix
John Masche, Phoenix
Tiffani Roberts, Phoenix
Peter Torres, Phoenix

A. Call to Order

Mr. Roye called the meeting to order at 1:13 p.m.

B. General Business – Items for Discussion and Possible Action

1. Approval of the Minutes from the January 15, 2026 Meeting

   Upon a motion by Ms. Kisling, a second by Mr. Rahman and unanimous approval, the minutes of the January 16, 2026 meeting were approved.

2. The next SROG Advisory Committee meeting was scheduled for Thursday, May 21, 2026, 1:00 p.m.

3. Information Items

   There were no comments on the information items.

4. Fire Life & Safety – Request for CA&I

Mr. Kraft presented the request for SROG authorization to enter into an on call engineering contract with Wilson Engineers for an amount not to exceed $280,000 to perform construction, administration, inspection services, for the Fire Life Safety program. That program was installing fire life safety devices throughout the plant and in the fiber loop. It's building schedule 56, these funds are available in the SROG CIP cash flow under number 90100106,

Upon a motion by Ms. Kisling, a second by Mr. Rahman and unanimous approval, the SROG Advisory Committee recommended to the SROG committee that the City of Phoenix be authorized to enter into an on call contract with Wilson Engineers in an amount not to exceed $280,000 to perform Construction, Administration and Inspection services related to the 91st Avenue Fire Life and Safety project. Funds for these services are available in the SROG CIP cash flow beginning fiscal year 25-26 the project number is 90100106, using billing schedule 56 with the following percentages, 6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.9% Scottsdale and 14.2% Tempe.

5. Pipe and Equipment Coating

Mr. Kraft presented the request for approval to advertise, select and negotiate a scope of work and fee for professional consultant services for construction, administration and inspection of the pipe and equipment coatings at the 91st Avenue WWTP. The project number is 90100093. Mr. Kraft stated that the application of protected coatings to the 91st Avenue wastewater treatment plant process equipment, structural support, piping, tanks, motors, mechanical equipment, chemical containment areas and accessory items is critical to extend the useful life of these facilities. He explained that he is here to request approval to advertise, select and negotiate a scope of work and fee for professional consultant services for construction, administration, and inspection of the coatings at the 91st Avenue. These services are to include but are not limited to inspection services such as moisture tests, surface preparation, thickness testing, holiday testing, evaluation of coating systems, testing of existing coating systems, coating failure, analysis and specification review and documentation preparation for selected coating systems. Funds for these services are budget under 90100093, the term would be a five year contract for not to exceed amount of $500,000 budgeted Fiscal Year, 26-27 is billing schedule 56.

Upon a motion by Ms. Kisling, a second by Ms. Campo and unanimous approval, the SROG Advisory Committee authorized the City of Phoenix to advertise, select and negotiate scope of work and fee for an amount not to exceed $500,000 to provide professional consultant services for Construction Administration and Inspection Services related to the 91st Avenue Pipe and Equipment Coatings Project. Funds or these services will be budgeted in 90100093, in the SROG CIP cash flow beginning Fiscal Year 26-27 project number 90100093, and will be billed per billing schedule, 56 6.45% Glendale, 14.29% Mesa, 55.16% Phoenix, 9.9% Scottsdale and 14.2% Tempe.

6. Billing Schedule and Plant Capacity

Mr. Rahman stated that he had discussion with Ms. Gonzales and Mr. Masche on this topic, and apparently UP05 was completed around 2009, and Mr. Masche had explained that there are a couple of solids items that were value engineered out of the original project, but that were eventually completed. Mr. Rahman's proposition is that the billing schedule should reflect that 230mgd. He proposed establishing a new billing schedule based on 230 mgd and then decide how to apply it. His position is that it should be applied to any and all projects going forward, whether the projects are already in motion or whether they're coming up.

Ms. Gonzales stated that there are two issues. One is just the creation of a new billing schedule, but then additionally the implications of implementing that billing schedule. Ms. Barclay stated that she does not recall ever just creating a billing schedule and then figuring out what to do with it.

Mr. Rahman stated that his goal today is to establish the billing schedule and then have future discussions on how to apply it. Ms. Barclay responded that is not standard process, and that we have a bit of work to do as we need to know what we are going to do with the schedule, have the back up and documentation and all bases covered for the auditors etc.

Mr. Rahman stated that we do need to figure out what projects the billing schedule would apply to, because one point in previous discussions is that it would only apply to future projects. Ms. Barclay confirmed that is correct. Mr. Rahman stated that he disagrees and wants to apply it to any and all projects, and whatever accounting maneuver needs to be done is a separate issue. He stated that projects that are ongoing will never be able to change schedules. Ms. Gonzales responded that we could do a project close out and start all over for those types of ongoing consultant contracts, but we would not go back to any existing project and change a billing schedule for something that has already been approved because that involves accounting and would not happen, we do not do that. Mr. Rahman responded that just saying we don't do that gives him concern because we are using the wrong schedule which has a financial impact.

Mr. Roye stated that they disagree that we couldn't figure out a date and move forward from there and figure out what the back end looks like. He stated that he agrees there should be a schedule based on 230mgd and discussion of the implications of plant 2A, but that it can't be settled in this meeting. He said conceptually he agrees there could be some new billing schedule that looks backward to some extent and then moves forward.

Mr. Rahman stated that he believes there is enough justification to establish a new billing schedule, but that we will not be figuring out every project it applies to today. Ms. Barclay responded that the applicable projects are going to be ones that have not gone forward for approval yet, so the applicable projects will be any new project, with a new project number going forward, where the group decides to assign the new billing schedule vs what would have instead been 56. Mr. Rahman suggested approving the billing schedule saying it will then definitely apply to all new projects, but that Mesa's current position is that all ongoing projects should be looked at as well.

Ms. Kisling responded that gets challenging based on what year of a contract you're in because it involves closing a project out, making sure everything's completely done right, and everything's been billed and cash flowed and out the door correctly. Mr. Rahman responded he understands that is a process involving accounting maneuvers. Ms. Barclay responded that this is not accounting maneuvers, that he cannot just decide a new billing schedule should be applied and minimize the impact by suggesting an accountant could do a maneuver. Mr. Rahman stated some accounting exercise is needed, but it won't be settled at his level, and he is hearing that it is something difficult to do.

Mr. Cassens asked if Mesa has a written position on this. Mr. Rahman responded that Mesa does not, he is discussing it today. Mr. Cassens responded that as part of this process, the partners need something they can review. Mr. Rahman responded that Mesa can probably provide something, and asked Glendale to as well. Mr. Roye suggested tabling this discussion and coming up with some written positions in the meantime.

Ms. Gonzales stated that she has been looking into this, and she is looking for something to use as back up for a 230mgd billing schedule. She pointed out that 230mgd is listed on the NPDES but that the ACFR lists 204.5 mgd. Ms. Gonzales explained that she is just pointing out that this is not just a simple change and that we need to make sure it is done right, and as we look into it we need to think through all of these things. Mr. Rahman responded that is just regulatory, and that a project was done and the plant was expanded to 230mgd. Ms. Gonzales responded that this is an example of how messy this effort is, and that it branches out into other areas we need to focus on because it is not just one simple change and we need to make sure we get it done right.

Mr. Roye responded that if there is something that is going to happen with Plant 2A, reducing the capacity of the entire facility, that he just wants it to be right whether it ends up being 230 or 229, but we need to figure out that number and make sure we are using that everywhere to be fair to everyone. That is what we will use going forward but Glendale's position is that there certainly should be a look back period but he doesn't have a feel for what that is and what the implications of that are.

Ms. Barclay said that what Mr. Rahman doesn't recognize is that every single project was done and approved by this committee, by these groups, by the SROG members, signed off on and then signed off on by the managers, and done absolutely appropriately. We don't have a procedure for opening it back up.

Mr. Rahman responded that he thinks there are provisions, if there is accounting error. Ms. Barclay responded that this is not accounting error, it is decisions you do not agree with.

Mr. Rahman explained that he feels like the committee deserves a discussion on this. He disagrees that this cannot be done. He feels there is room for discussion on this because we've been using an incorrect billing schedule, in Mesa's opinion, for whatever number of years. Ms. Barclay responded that Mesa participated and signed off on all of this all the way through every single project. She said that while Mr. Rahman is saying Mesa's current position is that it wasn't done appropriately, Mesa's position until right now has been different, and now that Mesa is changing its position, he wants to go back and look at all these projects.

Mr. Rahman responded that the way he sees it is if the capacity was wrong from way back when, and if we all agree that it should have been different but the SROG Committee did not notice because before he joined SROG Mr. Draper was the representative and he didn't notice this but as soon as Mr. Rahman came on he did. Mr. Masche interjected to state that he is going to pipe in, because Mr. Rahman is making a statement that people didn't notice. Mr. Masche explained that he has been with SROG and 91st Ave WWTP since 2010 and all of these decisions were made by the SROG partners, obviously not the people sitting in the room right now, and not the managers of the utilities right now, but all of these decisions were made not in a vacuum, but with full light and transparency back in the day, so he thinks that's saying they did not notice is a false statement that Mr. Rahman just made.

Mr. Rahman responded that he has to be careful about semantics, and his intent is not to blame anybody. What he means is that we recognize that the capacity, and the schedule 56 is an incorrect schedule. Mr. Masche and Ms. Barclay both responded that 56 is not an incorrect schedule.

Mr. Rahman responded that he feels the capacity has been 230mgd, and Mesa would like to see quite a few projects reflect a billing schedule at 230mgd and he believes that should be a discussion. He stated that he understands there will be some ramifications to accounting.

Mr. Cassens stated that it is important to note that we are not prepared to discuss Mr. Rahman's comments, we could have reviewed his position prior to this meeting, and it seems like a pretty critical and a strong position. So give us the opportunity to see what you have to say. Mr. Rahman stated it is not his position, it is Mesa's position. Mr. Roye stated that Glendale has basically the same position. Ms. Campo stated that Scottsdale is agreeing with Mesa's position.

Mr. Masche stated that he doesn't think that Phoenix is objecting to a new billing schedule for projects that are moving forward. Phoenix is open to that. Phoenix is agreeing that the capacity of the plant needs to be evaluated, including taking plant 2A out of service, and reducing that capacity, as we talked about in SPEC. That is a task that is currently in in a consultant's contract, and Phoenix is not disagreeing with that. He thinks where AMWUA and Phoenix are having the disagreement with Mr. Rahman is where and how that billing schedule is applied. There needs to be discussion about what that entails. Mr. Masche stated his understanding is that billing schedule 56 was created, approved by the SROG partners, by the managers, and it was agreed that that would be the billing schedule used for projects moving forward. Mr. Masche said he agrees with Mr. Cassens that we would love to see exactly what you're asking for in writing, so that Phoenix finance staff, he and Tara, can go through that and determine what the implications and ramifications of Mr. Rahman's requests are.

Mr. Rahman suggested Glendale and Mesa coordinate a response. Mr. Roye responded that he believes it needs to go through Finance Committee and through SPEC. Mr. Roye thinks they should each bring their own position statements, noting it sounds like at least three of the cities will be similar. Then the process can bring it back up to this committee. He said at least we won't have all these questions of what it means for the financial side that way, as well as other aspects that we certainly aren't going to going to settle today. Mr. Roye said he doesn't think it's going to get settled quickly, and Glendale recognizes it is not going to be overnight.

Ms. Kisling stated that as Mr. Masche expressed the City Phoenix is not opposed to the new billing schedule, but regarding the talk of implementing it backwards, at this moment we don't know what that would even entail and what all the ramifications would be.

Ms. Barclay said that this is a big deal, and everything was done right, Mr. Rahman might disagree with it, but it was done correctly. Absolutely everything was done correctly, but yet Mr. Rahman stated multiple times that it was accounting errors, billing errors and things that were done inaccurately. Mr. Rahman responded that what he meant was if according to contract, if you find later the capacity was in error, and in Mesa's opinion the capacity should have been different. He is acknowledging that Mesa approved all of it. All he is saying, is that there are ways, contractually, if you find an error, you can fix it. Ms. Barclay responded that Mr. Rahman keeps saying it's an error and that is not true.

Mr. Rahman responded that for now, let's just go by what Mr. Roye is saying. Mr. Rahman understands that there might be some financial ramification, it might be very difficult, and that this is above his pay grade and he needs to talk to his boss and see what the city's position would be. Mr. Rahman stated that he is going to carry forward what he heard today that accounting wise is going to be difficult to implement.

Mr. Roye stated that what he heard is that, at least from Phoenix, they're not opposed to moving forward with the billing schedule, it is just the look back that is a concern. Ms. Kisling agreed. Ms. Barclay pointed out that this will get into a potentially messy situation where we're going have to choose which projects deserve the look back. All of them versus just some of them, you're going to have projects that are active versus closed, then potentially you're going to ask for at least two cities to cut you a check to settle up.

Ms. Canez explained that all of the assets that we've created related to the projects flow through to the financial statements and equity calculations. So this issue is potentially a lot bigger than just trying to settle a project. Mr. Rahman responded that what he is hearing is that for the finance group, it's going to be a lot of work. Ms. Barclay responded that Mr. Rahman is minimizing this by saying it's going to be a lot of work. It's a structural change, and something we haven't ever done before. It's not a simply little bit of work. Ms. Canez responded that he is talking about potential impact to asset allocations, and we need to spend more time looking at what this could potentially look like.

Mr. Rahman reiterated his position that the look back needs to happen and now he is hearing the other side of the story which is that this has never been done before, but he doesn't think just because it hasn't been done before that it cannot be done. He stated he is not the expert on everything, not the finance guy, not the lawyer, not the contractual person and this is why we need this discussion. Ms. Barclay responded that by his logic if we soon decommission plant 2A and 91st Ave goes down to 219mgd, or 229mgd or whatever ends up being the official capacity are we going to go back and undo everything you're doing trying to do right now to make it actually correct? By that logic, we are going to have to redo everything again?

Mr. Rahman asked Mr. Masche if he is recalling correctly that Mr. Masche had mentioned that plant 2A hasn't been used for quite some time. Mr. Masche responded that's correct, but that doesn't matter, because the plant is still permitted and it could still be placed into operation. So even if it's even if it's not in operation, it is still on the permit and it still counts towards the permitted capacity.

Mr. Rahman stated he is not personally opposed to addressing plant 2A right away and is not opposed to just taking it off. Mr. Masche responded that we have to find out what the requirements are to decommission that plant with the regulatory agencies so that we can take those steps to decommission that plant in the correct way, and then once it's decommissioned, then we can change our regulatory permits to the new capacity.

Mr. Rahman said to Ms. Barclay that regarding plant 2A that he believes every time we change plant capacity, based on the contract, the contract clearly says it would be based on ownership capacity. Ms. Barclay responded that as soon as that is all handled, we will have a real number. It's going to be the first time in a bit that we've had a good, solid, agreed upon number for everybody going forward. Then we'll adopt that capacity, that'll be our right answer. She asked Mr. Rahman if anytime plant capacity changes if he is going to want to look backwards? Mr. Rahman responded no, anytime you change the contract you have a new schedule going forward. Ms. Barclay agreed that a new schedule going forward would be appropriate.

Mr. Roye stated that this capacity has existed for quite a few years, it is not like we just finished a plant. Ms. Barclay said that everything was to this point was done a certain way, decisions were made and agreed on appropriately by your predecessors, within the framework of the JEPA. Mr. Rahman said he is not disputing that, his position is that we need to look into whether there's a mechanism for the cities to actually apply this new schedule to the ongoing projects and whether we can look back to a certain point. He questioned if this is contractually it is allowed. He stated he is not the contract specialist in this disagreement, but there are ways to actually remedy a contract dispute.

Mr. Roye stated that he will work with his staff internally and come up with something before the next SPEC and Finance Committee meetings. Mr. Rahman replied that would be helpful because he does not understand the financial implications, he is the technical guy. Mr. Roye suggested kicking this back to the Finance and SPEC Committees, everyone developing their own position papers and bringing it back to this committee in a couple months.

Ms. Campo asked if there would be a benefit to approving the new billing schedule so it is not hypothetical. Ms. Barclay responded the approval of a billing schedule is not difficult, and that it won't make any difference process wise either way as we can always pass a billing schedule along with a project if it is needed. Mr. Rahman responded that if we approve the new schedule today there will be less to fix later since today we just approved two projects using billing schedule 56. Ms. Barclay responded that is incorrect, as those are extensions of existing ongoing continuous projects and we cannot just change those with a new schedule. We'd have to close out the existing project, refund the balance in each projects then have each city front the refund into the new projects so that the work can continue, then we need to fund the new project number.

Ms. Canez stated that if they don't want a project moving forward as presented today with those billing schedules, then they should not approve them. Ms. Campo responded that with those contracts expiring she understands that 91st Avenue needs pipe coating people on board, so she doesn't think that we want to hold up those expiring contracts. Ms. Canez responded that she understands that, but we have to keep in mind that we don't know if there is any look back period here. Ms. Canez reminded the committee that they have to consider that if these projects are approved formally based on the billing schedule that's presented, then that's what's formal. So just as long as everyone understands that piece of it that we don't know if there's a look back period. We still have to go back and do our due diligence on that end.

Mr. Rahman stated that he is thinking it might take a while to come to that agreement, because we all are kind of at different positions. He asked Ms. Barclay if it would it be possible to actually establish the billing schedule and then, at least going forward it can be applied to all projects. Ms. Barclay responded that again, it is not going to apply to all projects, only to future projects that would have used billing schedule 56 and the first opportunity to apply that new billing schedule and impact any project is expected to be next spring. Ms. Gonzales responded that is correct, that one is below the line, no funds have been collected on it so we would be able to change that project number and billing schedule. Ms. Campo asked about an emergency situation, Ms. Barclay responded that if needed we can address that very quickly. Mr. Rahman responded that if it is not until next spring let's do this the right way. Ms. Barclay stated we have at least six or eight months before this is an issue, and if there is an emergency that requires a new billing schedule we can approve that along with the emergency project, but right now what we're doing is pushing ahead with something where we don't know the implications.

Ms. Campo stated that is fair, and Scottsdale has no position on look backs, they are concerned with what's going forward and this is something that has been brought to light today regarding look backs. She stated that she thinks we can all agree that going forward, 230mgd should be used and it is concerning that there are multiple permits with different capacities and thinks that should be rectified sooner rather than later.

Mr. Roye stated there's precedence for changing billing schedules. August 16, 2018 regarding process piping rehab. It was on a billing schedule 42 and then it got moved to billing schedule 56. Ms. Barclay said that change was before it was in motion, right? Ms. Barclay explained that setting a new billing schedule would require closing out the project, starting over with a new project number, funding the new project number with the remaining balance that was left over in the ongoing project, which is going to have to come from the cities, and then the original project balance will be refunded because we'd have to settle up. So in order to change a billing schedule for an existing project we'd have to prefund that, the numbers would change, the whole this approval would change. It would be a different project number, it'd be a different billing schedule, and the amount would probably be different.

Mr. Roye responded he can't address that. Ms. Barclay said she is just saying that if you're tinkering with this, there's second and third and fourth order things that we need to consider before we make a big mess. Mr. Roye said his point is it's been done in the past. Ms. Barclay responded that changes can be done during the approval process, and that has been done but for an ongoing project that changes everything and we're going to have to talk to Araceli.

Ms. Campo stated that we should discuss what is approved and what's above the line because she thinks there may be a misunderstanding. Ms. Barclay responded that approved means above the line because it is already approved by the managers, already gone through the manager committee. The managers have signed off on it. The other ones below the line are planned projects. Ms. Campo then asked for confirmation that the projects below the line have not been brought forward and are not going up for advertisement prior to being moved above the line.

Ms. Gonzales explained that manager's approval is needed when we go into contract, and for some of the larger projects, in order to make it more financially viable for the city, we will move the project above the line when we're going through the advertisement process. Approval and moving above the line allows the collection of funds, which helps us to level out the funding instead of saying suddenly this is construction year and we need all this money. Ms. Gonzales explained that the managers, which is the formal approval, happens when we go to them and we ask to enter into contract. An approval of a project number happens when we put it above the line, when we're asking for advertisement. In this situation, they both have one thing in common that is once it's above the line, we are collecting funds on it, those funds are collected based the percentage of the billing schedule, and at that point we are unable to change the billing schedule because we don't pay back each other.

Ms. Gonzales stated that Mr. Roye is absolutely right. We have, in the past, changed a billing schedule. The one that she can remember most recently is the interceptor capacity. We recognized a need for it, but no funds had been spent from that, so we were able to liquidate the project, reimburse all of the cities and start a new project with the new billing schedule and start collecting again. That was possible because no funds had been spent, we had no contract, had not been paying contractors or consultants yet.

Mr. White asked Ms. Gonzales about those projects are ongoing for several years. He asked if they are approving those one year at a time. Ms. Gonzales responded that most of them are on five year contracts. For example, today 90100093 is that one's been going on since before she has been here, and we approve them in five year contracts. And as you can see, the contracts are for CA&I, so even though it's a not to exceed for $500,000 we may not spend the whole $500,000 if not needed. We're not just writing them a blank check. Also if a project comes up related to that project that was recognized by the consultant that's under contract, any repairs happen out of that project number, so the funds that are in there are used for the repairs that are identified and related to that project.

Mr. White responded that he thinks he is understanding but is curious about the future. If once that project number is created and it's moving forward, if there are any capacity changes, would that change anything in the future. Ms. Gonzales responded that historically it has not. Every time a new plant has come online a new billing schedule has been created to reflect the new capacity. If there was a project that was already going on in the old capacity, it carried forward. She noted that we haven't had a new one, and since, around 2009, it's kind of an exceptional situation.

Mr. Rahman stated that this is not something that's going to continue to happen, it is hopefully a one off. Mr. Rahman stated that changing and updating the schedule is the norm, and what he is saying is that not updating the schedule, even if the capacity changed, for almost 16 years now, that's an exception. Hopefully it won’t happen again, so we won't be in this situation.

Mr. Roye asked Mr. Masche if the plant 2A study that impacts plant capacity is already a project. Mr. Masche responded that it is a task within a consultant's contract to look at and provide certification to SROG and to the regulatory agencies on what the final plant capacity is, both solids and liquids. We will not have enough data on that until probably early 2028. Mr. Rahman asked if we can’t just use the original plant 2A capacity rather than trying to rewrite the whole plant. Mr. Masche responded that regarding plant 2A, he believes the original capacity was 11 or 12mgd at the time of construction. When we take plant 2A and decommission it to the satisfaction of the regulatory agency, it can not be put back into service, and then that capacity would then be deleted from the plant capacity. Mr. Masche explained that there are there are regulatory requirements that have to be met in order for That plant to be decommissioned, and the capacity of the overall treatment facility, capacity to be changed.

Mr. Roye asked Mr. Masche if the only thing that we are really losing is the aerator, right? Mr. Masche responded that there is a secondary basin as well. Mr. Roye stated that we are not going to lose the whole 11 or 12 mgd. Mr. Masche replied no, you're, you're going to lose the entire 11 or 12 because of the biological treatment which is the aeration basin. While we're going to keep the primaries, the aeration basin is going to go away, which is where you're getting your treatment capacity.

Mr. Roye replied that we'll let the engineers tell us. Mr. Masche stated that he disagrees. They agreed to disagree.

C. Future Agenda Items

There was no discussion of this item.

D. Adjournment

The meeting adjourned at 2:06 p.m.

AGENDA ITEM #3A

Multi-City Project Analysis

Detail of Expenditures As of June 30, 2026

Table 1

WBS Element	Project Title	Current Month Expenditures	Project To-Date Cost	Outstanding Contractual Amount	Total Project Cost
WS90100021	Flood Protection - Toxicity TIE/TRE	0.00	169,591.05	0.00	169,591.05
WS90100092	91st Ave Instrumntation & Control	76,814.55	9,046,899.28	1,315,893.03	10,362,792.31
WS90100093	91st Ave WWTP Pipe/Equip Coating	6,237.75	6,377,324.07	368,450.05	6,745,774.12
WS90100094	91st Ave WWTP Safety	197,723.29	7,366,367.58	1,926,591.87	9,292,959.45
WS90100095	91st Ave WWTP Work & Asset Mgt	211,602.78	1,725,302.27	821,190.61	2,546,492.88
WS90100100	91st Ave Support Facilities Rehab	186,290.19	15,138,977.60	3,016,073.15	18,155,050.75
WS90100101	91st Ave Process Piping Rehab	98,883.62	14,651,017.00	2,559,313.26	17,210,330.26
WS90100103	Toxicity Identification Evaluation	1,536.00	139,530.51	80,000.00	219,530.51
WS90100104	Multi-Phase Process Improvements	0.00	3,236,866.98	0.00	3,236,866.98
WS90100105	91st Ave WWTP Process Control 2016	277,247.26	9,224,913.65	1,370,799.83	10,595,713.48
WS90100106	91st Ave WWTP Fire Safety	174,149.51	10,294,546.52	4,276,214.66	14,570,761.18
WS90100107	91st Ave WWTP Facility Assessment	0.00	2,082,133.95	0.00	2,082,133.95
WS90100109	91st Ave WWTP Facility Rehab	197,085.50	24,556,755.45	3,943,747.69	28,500,503.14
WS90100111	91st Ave WWTP Solids Rehab Phase 1	49,917.25	52,468,794.19	32,004,271.50	84,473,065.69
WS90100112	91st Ave WWTP Plant 2B Rehab	271,355.81	86,303,443.76	2,215,039.07	88,518,482.83
WS90100113	Process Cntrl Sys Imp-91st Ave WWTP	166,353.71	2,714,174.55	1,207,422.69	3,921,597.24
WS90100114	91st Ave WWTP Plant 1A Rehab	532,266.82	2,027,147.58	3,643,128.62	5,670,276.20
WS90100115	91st Ave WWTP Master Plan	103.50	1,065,855.65	61,318.93	1,127,174.58
WS90120037	91st Ave WWTP Local Limits Study 12-13	1,639.40	143,656.19	0.00	143,656.19
WS90140006	Tres Rios Reuse/Recharge Phase II	0.00	62,243,910.72	0.00	62,243,910.72
WS90140016	Tres Rios Rehab and Replacement	92,198.00	3,470,334.46	1,961,947.93	5,432,282.39
WS90160098	Glendale GL02 Metering Station	1,799.25	4,460,808.35	1,930,797.46	6,391,605.81
WS90160106	SRO Condition Assessment	0.00	1,410,369.93	228,385.69	1,638,755.62
WS90160107	SAI Condition Assessment	0.00	1,790,246.20	287,962.66	2,078,208.86
WS90160113	Salt River Outfall Parallel Interceptor	11,347.95	77,614.60	3,108,196.70	3,185,811.30
WS90160114	SROG/SAI Intrcptr Projects 1,2,3 & 4	8,648.00	47,161.00	0.00	47,161.00
Total		**2,563,200.14**	**322,233,743.09**	**66,326,745.40**	**388,560,488.49**

MULTI-CITY PROJECT ANALYSIS
DETAIL OF OUTSTANDING CONTRACTS AS OF JUNE 30, 2026
TABLE II

PROJECT INDEX	CONTRACT NUMBER	VENDOR	CONTRACT AMOUNT	CHANGE ORDER AMOUNT	LIQUID ENCUMBR	OUTSTANDNG CONTRACT AMOUNT
WS90100092 - 91ST AVE INSTRUMNTATION & CONTROL						
	154042	WILSON ENGINEERS LLC	5,000,000.00		3,684,106.97	1,315,893.03
			9,949,990.06	(217,831.46)	8,416,265.57	1,315,893.03
WS90100093 - 91st Ave WWTP Pipe/Equip Coatin						
	149652	RFI CONSULTANTS LLC	300,000.00		209,451.95	90,548.05
	155549	PCL CONSTRUCTION INC	275,009.00		260,722.00	14,287.00
	158297	JOSEPH PAINTING COMPANY INC	117,963.00		-	117,963.00
	161086	PCL CONSTRUCTION INC	145,652.00		-	145,652.00
			6,784,850.26	(592,168.05)	5,824,232.16	368,450.05
WS90100094 - 91ST AVE WWTP Saftey						
	149651	LUDVIK ELECTRIC COMPANY	21,695.00		-	21,695.00
	155549	PCL CONSTRUCTION INC	1,845,185.00		1,467,533.00	377,652.00
	155878	WATER WORKS ENGINEERS LLC	350,000.00		177,649.05	172,350.95
	155879	EIC ENGINEERS LLC	250,000.00		90,260.08	159,739.92
	161086	PCL CONSTRUCTION INC	1,195,154.00		-	1,195,154.00
			9,073,331.94	(201,729.61)	6,945,010.46	1,926,591.87
WS90100095 - 91ST AVE WWTP WORK & ASSET MGT						
	158806	WILSON ENGINEERS LLC	969,496.46		729,362.16	240,134.30
	4400705877	PROCESS SOLUTIONS ASSURANCE	93,150.75		55,135.74	38,015.01
	4400849779	TMG UTILITY ADVISORY SERVICES INC	512,908.08		88,288.14	424,619.94
	4401055976	LCS TECHNOLOGIES INC	41,932.80		39,352.74	2,580.06
	4401104328	LCS TECHNOLOGIES INC	61,000.00		26,414.00	34,586.00
	4401167176	LCS TECHNOLOGIES INC	19,440.00		16,328.52	3,111.48
	4401185234	LCS TECHNOLOGIES INC	219,830.40		142,603.89	77,226.51
	4401186145	THE INTERSECT GROUP LLC	15,840.00		15,839.97	0.03
	4401183628	LCS TECHNOLOGIES INC	19,296.00		18,378.72	917.28
			2,415,940.43	(180,656.06)	1,414,093.76	821,190.61

MULTI-CITY PROJECT ANALYSIS
DETAIL OF OUTSTANDING CONTRACTS AS OF JUNE 30, 2026
TABLE II

PROJECT INDEX	CONTRACT NUMBER	VENDOR	CONTRACT AMOUNT	CHANGE ORDER AMOUNT	LIQUID ENCUMBR	OUTSTANDNG CONTRACT AMOUNT
WS90100100 - 91ST AVE SUPPORT FACILITIES REHAB						
	155549	PCL CONSTRUCTION INC	4,610,566.00		2,997,107.00	1,613,459.00
	155878	WATER WORKS ENGINEERS LLC	500,000.00		82,471.50	417,528.50
	155879	EIC ENGINEERS LLC	150,000.00		-	150,000.00
	155879	EIC ENGINEERS LLC	100,000.00		-	100,000.00
	161086	PCL CONSTRUCTION INC	665,028.00		4,391.00	660,637.00
	4401158579	FIRST CHOICE HYDRAULIC	74,448.65		-	74,448.65
			17,778,031.75	(177,519.83)	14,584,438.77	3,016,073.15
WS90100101 - 91ST AVE PROCESS PIPING REHAB						
	147881	BROWN & CALDWELL	2,400,000.00	(400,000.00)	1,668,390.85	331,609.15
	155549	PCL CONSTRUCTION INC	6,476,268.00		5,458,147.48	1,018,120.52
	159749	B&F CONTRACTING	1,117,787.59		-	1,117,787.59
	161086	PCL CONSTRUCTION INC	91,796.00			91,796.00
			17,017,383.00	(415,800.00)	14,042,269.74	2,559,313.26
WS90100103 - 91AV TOXICITY ID EVALUTN						
	161429	HAZEN AND SAWYER DPC	80,000.00		-	80,000.00
			179,492.00	-	99,492.00	80,000.00
WS90100105 - 91st Ave WWTP Process Control						
	155878	WATER WORKS ENGINEERS LLC	400,000.00		97,410.22	302,589.78
	155549	PCL CONSTRUCTION INC	2,130,563.00		2,093,738.00	36,825.00
	155879	EIC ENGINEERS LLC	450,000.00		94,143.65	355,856.35
	155879	EIC ENGINEERING LLC	100,000.00		-	100,000.00
	158310	LUDVIK ELECTRIC COMPANY	182,310.00		154,995.30	27,314.70
	161086	PCL CONSTRUCTION INC	822,821.00		274,607.00	548,214.00
			10,683,281.00	(451,216.80)	8,861,264.37	1,370,799.83

MULTI-CITY PROJECT ANALYSIS
DETAIL OF OUTSTANDING CONTRACTS AS OF JUNE 30, 2026
TABLE II

PROJECT INDEX	CONTRACT NUMBER	VENDOR	CONTRACT AMOUNT	CHANGE ORDER AMOUNT	LIQUID ENCUMBR	OUTSTANDNG CONTRACT AMOUNT
WS90100106 - 91st Ave WWTP Fire Safety						
	155547	FELIX CONSTRUCTION CO	3,812,295.00		3,583,233.59	229,061.41
	161083	FELIX CONSTRUCTION CO	2,679,583.19		930,408.33	1,749,174.86
	162054	WILSON ENGINEERS LLC	275,832.28		51,865.23	223,967.05
	157170	FIRE PROTECTION SERVICE CORPORATION	2,074,011.34			2,074,011.34
			14,205,401.79	(850.58)	9,928,336.55	4,276,214.66
WS90100109 - 91st Ave WWTP Facility Rehab						
	149651	LUDVIK ELECTRIC COMPANY	1,895,398.58		1,386,136.87	509,261.71
	155549	PCL CONSTRUCTION INC	10,930,841.00		8,409,948.00	2,520,893.00
	161086	PCL CONSTRUCTION INC	1,970,442.00		1,364,775.00	605,667.00
	4401105184	GEA MECHANICAL EQUIPMENT US INC	76,580.79		-	76,580.79
	4401105716	DUPERON CORPORATION	199,677.19		-	199,677.19
	4401105839	STENZEL SEALING SOLUTIONS LLC	31,668.00		-	31,668.00
			28,293,853.80	(42,023.38)	24,308,082.73	3,943,747.69
WS90100111 - 91st Ave WWTP Solids Rehab Phase 1						
	152491	ARCADIS US INC	16,054,932.62	(5,129,022.91)	8,076,904.05	2,849,005.66
	153445	PCL CONSTRUCTION INC	72,203,873.22	(2,000,000.00)	41,631,327.38	28,572,545.84
	155549	PCL CONSTRUCTION INC	1,300,000.00		717,280.00	582,720.00
			91,407,308.84	(7,828,916.03)	51,574,121.31	32,004,271.50
WS90100112 - 91st Ave WWTP Plant 2 Rehab						
	153379	HAZEN AND SAWYER P.C.	9,821,321.89		9,015,284.20	806,037.69
	157028	MCCARTHY BUILDING COMPANIES INC	73,500,000.00		72,189,068.62	1,310,931.38
	161086	PCL CONSTRUCTION INC	1,791,085.00		1,693,015.00	98,070.00
			87,094,470.16	-	84,879,431.09	2,215,039.07
WS90100113 - Process Cntrl Sys Imp-91st Ave						
	155549	PCL CONSTRUCTION INC	1,736,826.00		1,652,269.00	84,557.00
	159237	ARCADIS US INC	1,209,119.02		420,169.46	788,949.56
	159238	OZ ENGINEERING	138,437.02		49,438.50	88,998.52
	161083	FELIX CONSTRUCTION CO	164,025.00		114,817.50	49,207.50
	4401213076	SUMMIT ELECTRIC SUPPLY COMPANY INC	39,022.30		15,412.00	23,610.30
	4401208918	SUMMIT ELECTRIC SUPPLY COMPANY INC	154,435.40		70,655.89	83,779.51
	4401205215	SUMMIT ELECTRIC SUPPLY COMPANY INC	88,320.30		-	88,320.30
			3,913,483.24	-	2,706,060.55	1,207,422.69

MULTI-CITY PROJECT ANALYSIS
DETAIL OF OUTSTANDING CONTRACTS AS OF JUNE 30, 2026
TABLE II

PROJECT INDEX	CONTRACT NUMBER	VENDOR	CONTRACT AMOUNT	CHANGE ORDER AMOUNT	LIQUID ENCUMBR	OUTSTANDNG CONTRACT AMOUNT
WS90100114 - 91st Ave WWTP Master Plan						
	162922	HAZEN AND SAWYER DPC	4,799,847.00		1,719,312.38	3,080,534.62
	163272	MCCARTHY BUILDING COMPANIES INC	749,684.00		187,090.00	562,594.00
			5,549,531.00	-	1,906,402.38	3,643,128.62
WS90100115 - 91st Ave WWTP Master Plan						
	157696	ARCADIS US INC	1,031,828.08		970,509.15	61,318.93
			1,031,828.08	-	970,509.15	61,318.93
WS90140016 - Tres Rios Rehab and Replacement						
	147890	FELIX CONSTRUCTION CO	1,456,856.80		1,403,189.00	53,667.80
	158310	LUDVIK ELECTRIC COMPANY	2,057,238.00		155,369.00	1,901,869.00
	4401017342	BROWN WHOLESALE ELECTRIC CO	8,398.51		1,987.38	6,411.13
			5,095,078.84	(8,895.43)	3,124,235.48	1,961,947.93
WS90160098 Glendale GL02 Metering Station						
	159940	WILSON ENGINEERS LLC	779,635.30		561,832.64	217,802.66
	161083	FELIX CONSTRUCTION CO	2,500,000.00		787,005.20	1,712,994.80
			6,322,300.78	(52,665.83)	4,338,837.49	1,930,797.46
WS90160106 Salt River Outfall (SRO) Condition Assessment						
	160336	CONSOR NORTH AMERICA INC	1,449,520.38		1,221,134.69	228,385.69
			1,450,077.38	-	1,221,691.69	228,385.69
WS90160107 Southern Ave Interceptor (SAI)						
	159748	WACO LLC	162,262.46		158,374.81	3,887.65
	157885	PROJECT ENGINEERING CONSULTANTS LTD	1,700,000.00		1,415,924.99	284,075.01
			1,862,262.46	-	1,574,299.80	287,962.66
WS90160113 Salt River Outfall Parallel Interceptr						
	164990	BROWN & CALDWELL	2,512,526.54		-	2,512,526.54
	164988	ACHEN-GARDNER CONSTRUCTION LLC	595,670.16			595,670.16
			3,108,196.70	-	-	3,108,196.70
				GRAND TOTAL		66,326,745.40

AGENDA ITEM #3B

Multi-City Subregional Operating Group (SROG)
Customer Aging Report as of July 31, 2026

Customer Number	Fund	City	Description	Invoice Number	Date Mailed	Current Invoice	Current Balance	Past Due 1-30 Days	Past Due 31-60 Day	Past Due 61-90 Days
10000007	415	Glendale	Capital Projects	401052482	7/1/2026	400,808.00	0.00	0.00	0.00	0.00
10000001	20	Glendale	Operations & Maintenance	401055173	7/28/2026	397,733.00	397,733.00	0.00	0.00	0.00
10000008	416	Mesa	Capital Projects	401052483	7/1/2026	1,095,517.00	0.00	0.00	0.00	0.00
10000003	20	Mesa	Operations & Maintenance	401055174	7/28/2026	754,766.00	754,766.00	0.00	0.00	0.00
10000009	417	Scottsdale	Capital Projects	401052484	7/1/2026	695,042.50	0.00	0.00	0.00	0.00
10000002	20	Scottsdale	Operations & Maintenance	401055175	7/28/2026	393,308.00	393,308.00	0.00	0.00	0.00
10000010	418	Tempe	Capital Projects	401052485	7/1/2026	1,266,950.00	0.00	0.00	0.00	0.00
10000000	20	Tempe	Operations & Maintenance	401055176	7/28/2026	778,785.00	778,785.00	0.00	0.00	0.00

Source: SAP preview of payments

Prepared by City of Phoenix Utilities Accounting

AGENDA ITEM #4

August 2026

SUB-REGIONAL OPERATING GROUP (SROG)

91st Avenue WWTP
SROG Support Services
COP Project: WS90100062

Year End Flow and Loading Report Fiscal Year 2025-2026

WILSON ENGINEERS

AGENDA

Year End Flow and Loading Report for Fiscal Year 2025-2026

1. Year End Flow and Loading Report Schedule
2. Results Summary

? Questions

Year End Flow and Loading Report Schedule

- Draft Report Development
  - June/July 2026
- Draft Report Distributed
  - August 4th, 2026
- Draft Report Presentation to SPEC
  - August 13th, 2026
- Draft Report Presentation to SROG Advisors for Approval
  - August 20th, 2026
- Draft Report to Managers for Approval (No Presentation)
  - September 9th, 2026

AGENDA

Year End Flow and Loading Report for Fiscal Year 2025 - 2026

1 Year End Flow and Loading Report Schedule

2 Results Summary

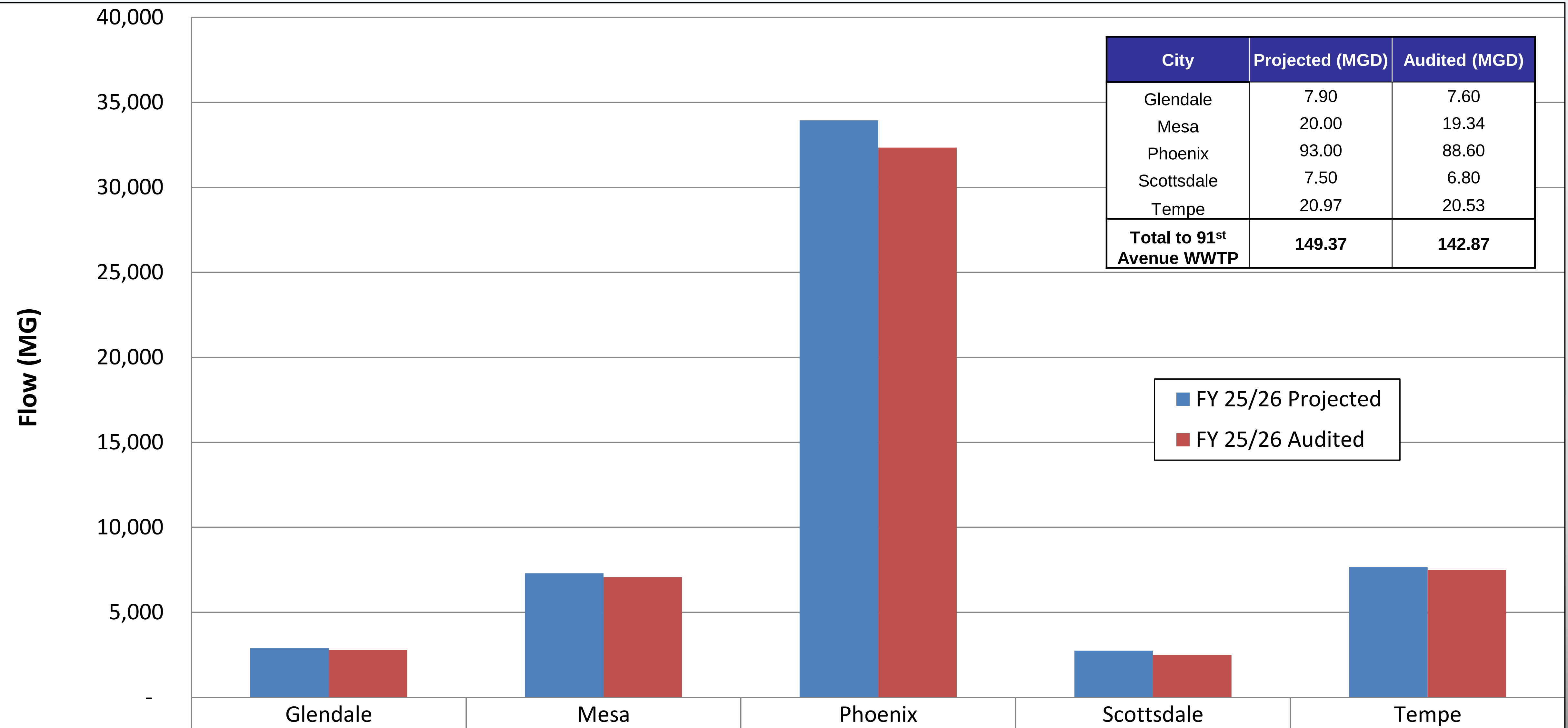
? Questions

Average Daily Flow by SROG City

- FY 25/26 Audited

City	Total Yearly Flow (Million Gallons)	Average Daily Flow (MGD)
Glendale	2,775.67	7.60
Mesa	7,058.69	19.34
Phoenix	32,338.43	88.60
Scottsdale	2,483.59	6.80
Tempe	7,493.66	20.53
Total to 91st Avenue WWTP	**52,150.04**	**142.87**

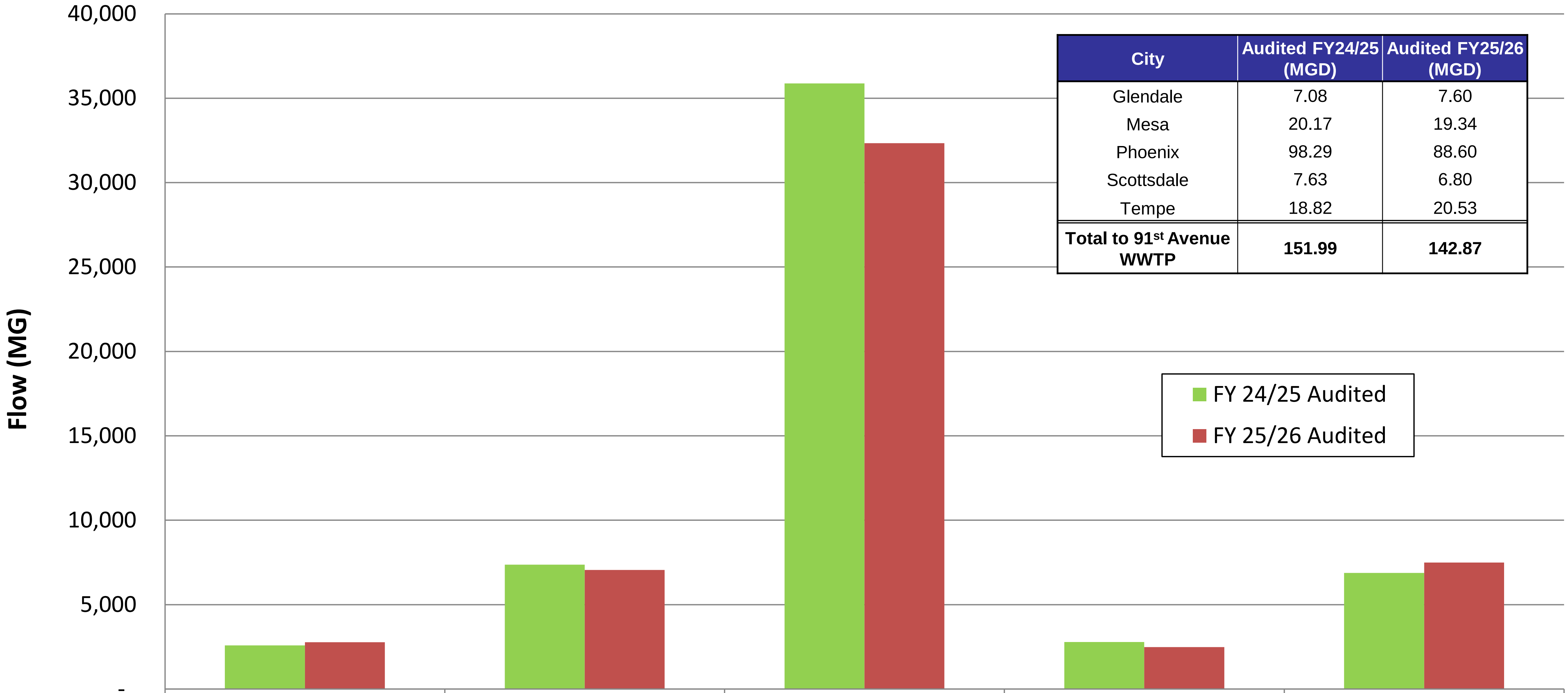
Flows – Projected vs. Audited Values



City	Projected (MGD)	Audited (MGD)
Glendale	7.90	7.60
Mesa	20.00	19.34
Phoenix	93.00	88.60
Scottsdale	7.50	6.80
Tempe	20.97	20.53
Total to 91st Avenue WWTP	**149.37**	**142.87**

	Glendale	Mesa	Phoenix	Scottsdale	Tempe
FY 25/26 Projected	2,884	7,300	33,945	2,738	7,654
FY 25/26 Audited	2,776	7,059	32,338	2,484	7,494

Flow Audited Values FY 24/25, FY 25/26



City	Audited FY24/25 (MGD)	Audited FY25/26 (MGD)
Glendale	7.08	7.60
Mesa	20.17	19.34
Phoenix	98.29	88.60
Scottsdale	7.63	6.80
Tempe	18.82	20.53
Total to 91st Avenue WWTP	**151.99**	**142.87**

	Glendale	Mesa	Phoenix	Scottsdale	Tempe
FY 24/25 Audited	2,584	7,362	35,875	2,786	6,871
FY 25/26 Audited	2,776	7,059	32,338	2,484	7,494

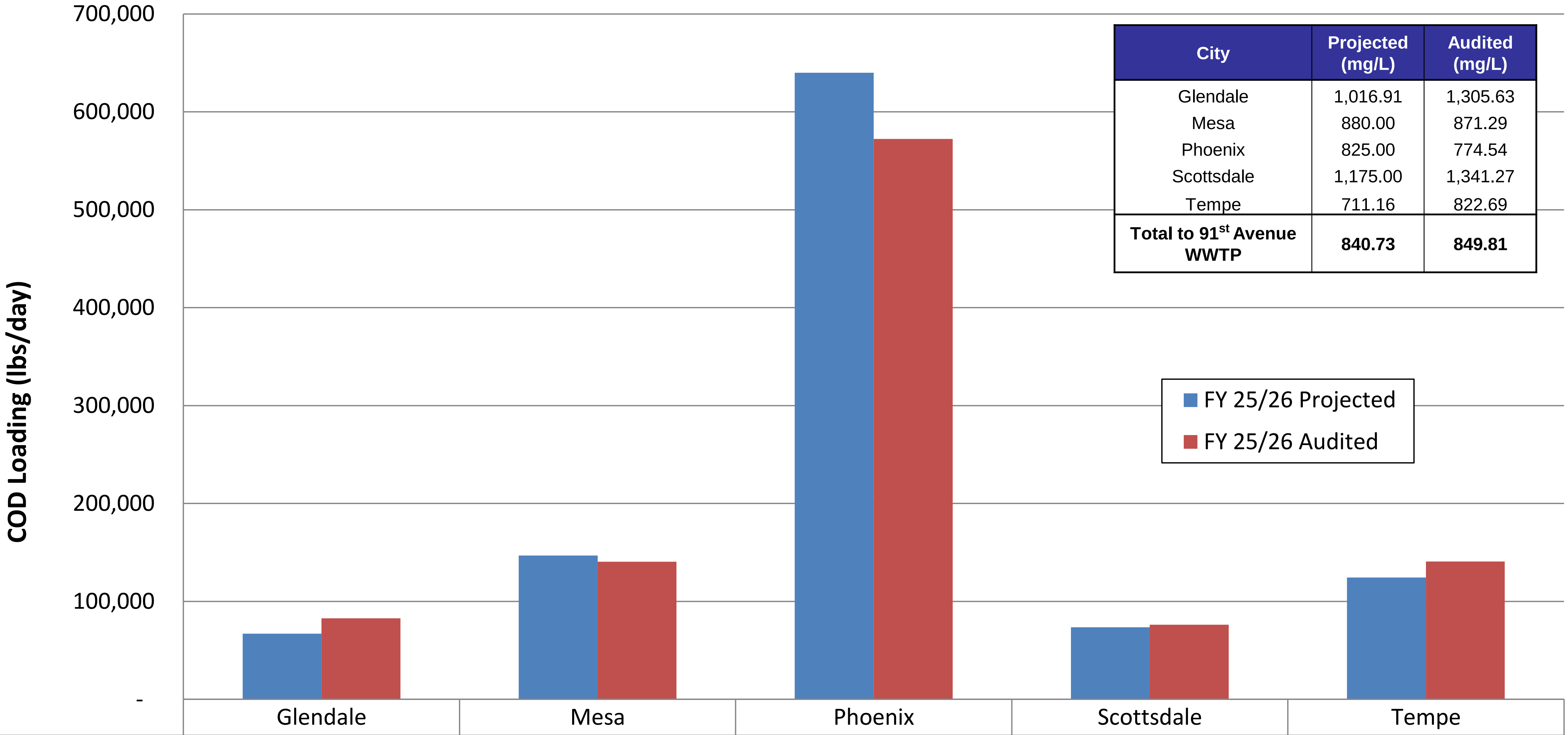
COD Loading

- FY25/26 Audited

City	Total Yearly Flow (million gallons)	Average Daily Flow (MGD)	Average Daily COD Loading (lbs/day)	Equivalent COD Concentration (mg/L)
Glendale	2,775.67	7.60	82,806	1,305.63
Mesa	7,058.69	19.34	140,527	871.29
Phoenix	32,338.43	88.60	572,316	774.54
Scottsdale	2,483.59	6.80	76,115	1,341.27
Tempe	7,493.66	20.53	140,865	822.69
Total to 91st Avenue WWTP	**52,150.04**	**142.87**	**1,012,629**	**849.81**

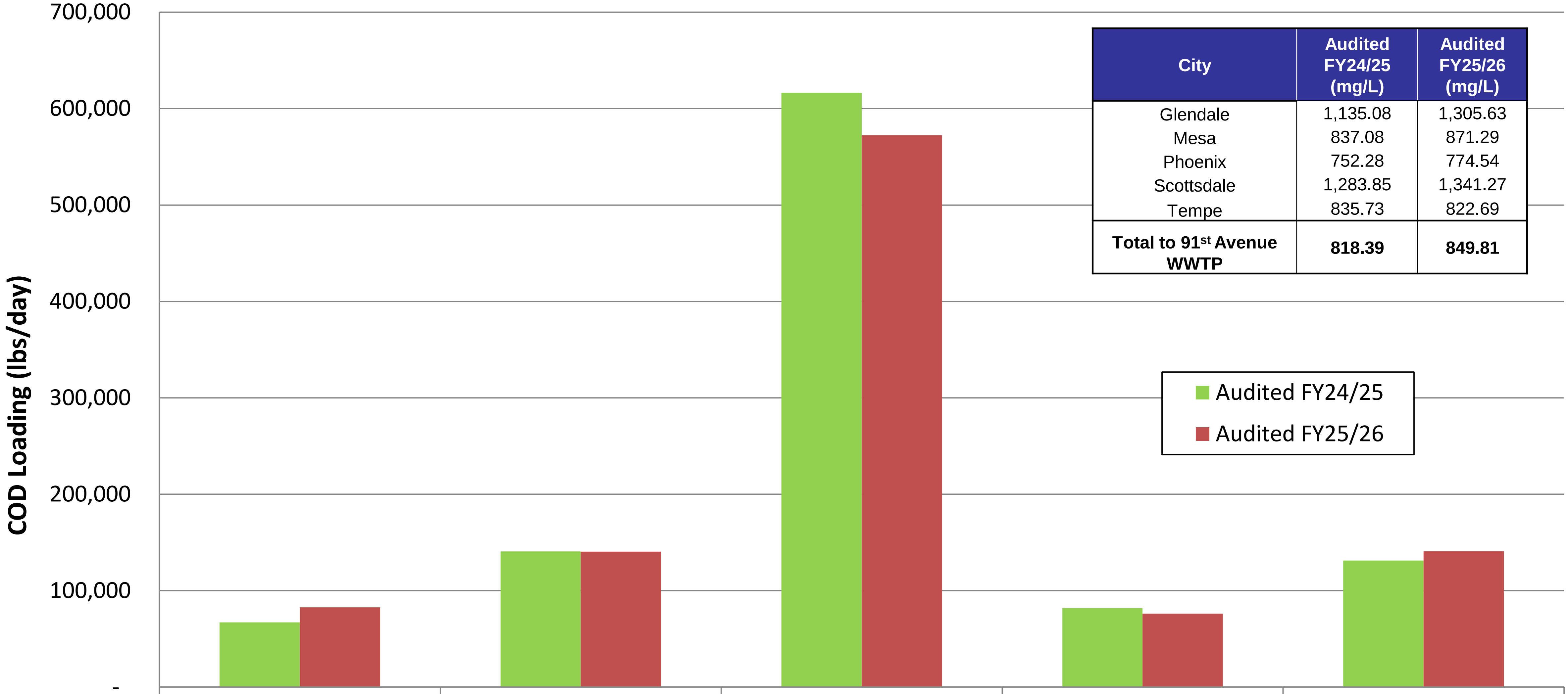
COD – Projected vs. Audited Values FY25/26

City	Projected (mg/L)	Audited (mg/L)
Glendale	1,016.91	1,305.63
Mesa	880.00	871.29
Phoenix	825.00	774.54
Scottsdale	1,175.00	1,341.27
Tempe	711.16	822.69
Total to 91st Avenue WWTP	**840.73**	**849.81**



	Glendale	Mesa	Phoenix	Scottsdale	Tempe
FY 25/26 Projected	67,000	146,784	639,887	73,496	124,375
FY 25/26 Audited	82,806	140,527	572,316	76,115	140,865

COD Audited Values FY24/25, FY25/26



City	Audited FY24/25 (mg/L)	Audited FY25/26 (mg/L)
Glendale	1,135.08	1,305.63
Mesa	837.08	871.29
Phoenix	752.28	774.54
Scottsdale	1,283.85	1,341.27
Tempe	835.73	822.69
Total to 91st Avenue WWTP	**818.39**	**849.81**

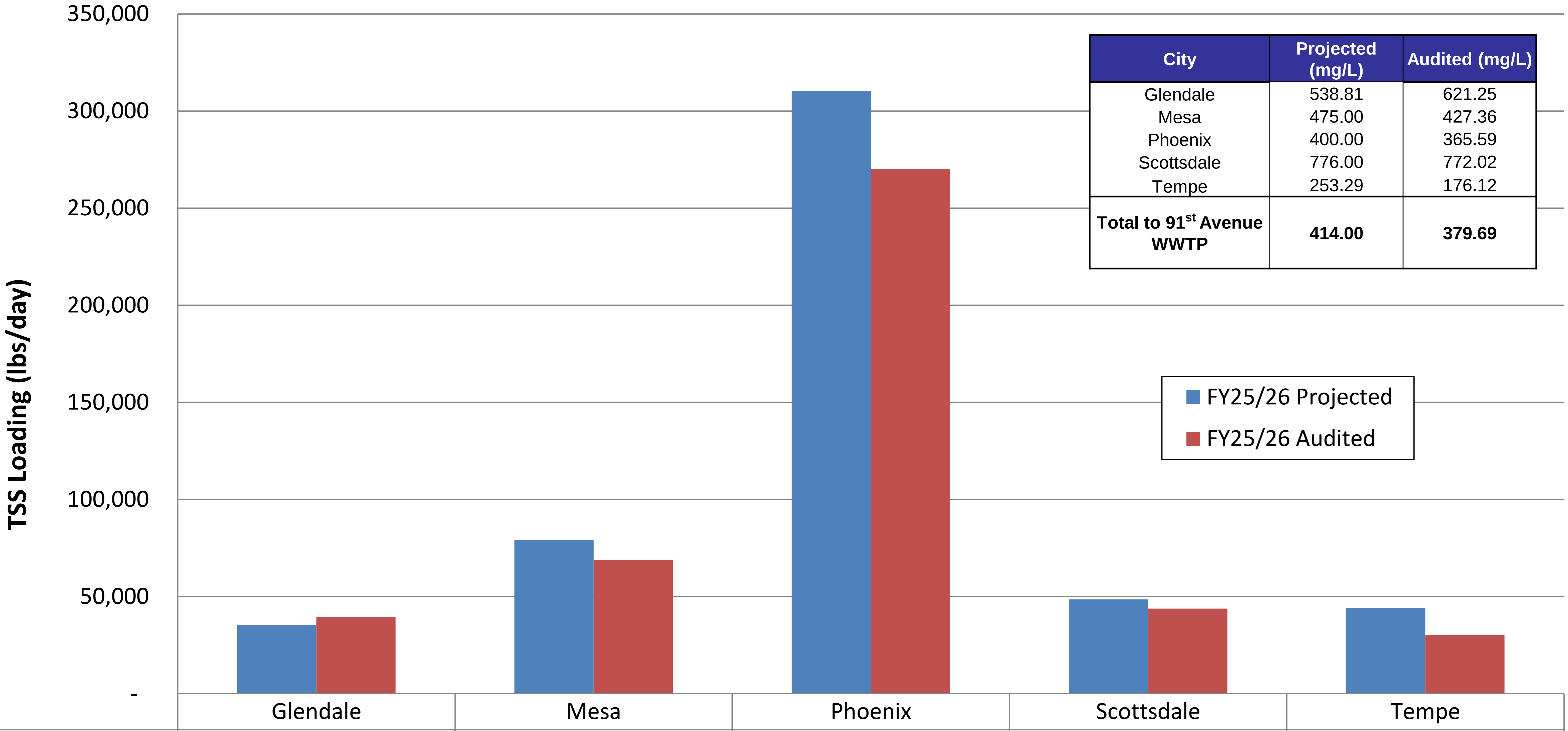
	Glendale	Mesa	Phoenix	Scottsdale	Tempe
Audited FY24/25	67,026	140,805	616,652	81,723	131,216
Audited FY25/26	82,806	140,527	572,316	76,115	140,865

TSS Loading

- FY25/26 Audited

City	Total Yearly Flow (million gallons)	Average Daily Flow (MGD)	Average Daily TSS Loading (lbs/day)	Equivalent TSS Concentration (mg/L)
Glendale	2,775.67	7.60	39,401	621.25
Mesa	7,058.69	19.34	68,928	427.36
Phoenix	32,338.43	88.60	270,137	365.59
Scottsdale	2,483.59	6.80	43,811	772.02
Tempe	7,493.66	20.53	30,156	176.12
Total to 91st Avenue WWTP	**52,150.04**	**142.87**	**452,433**	**379.69**

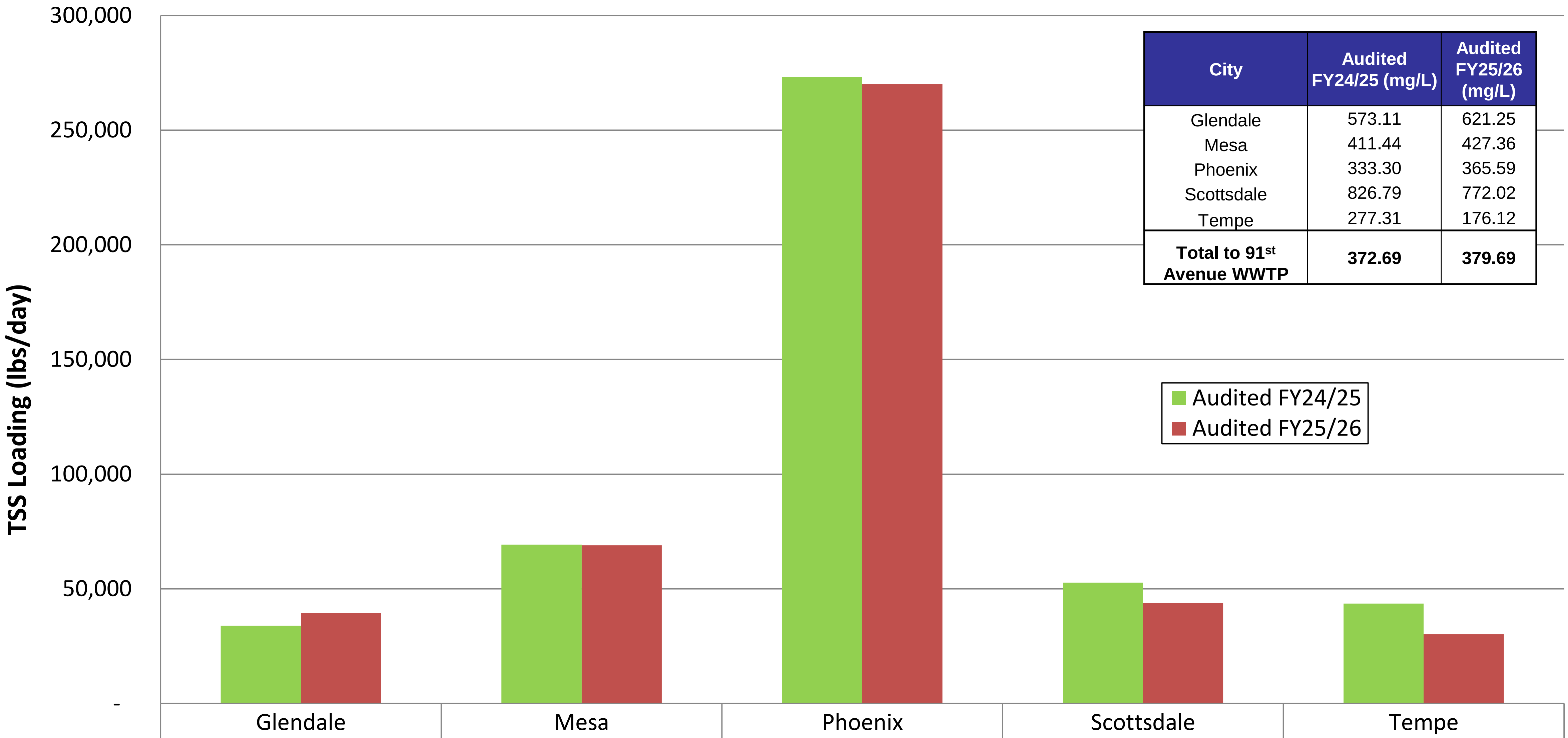
TSS – Projected vs. Audited Values FY25/26



City	Projected (mg/L)	Audited (mg/L)
Glendale	538.81	621.25
Mesa	475.00	427.36
Phoenix	400.00	365.59
Scottsdale	776.00	772.02
Tempe	253.29	176.12
Total to 91st Avenue WWTP	**414.00**	**379.69**

	Glendale	Mesa	Phoenix	Scottsdale	Tempe
FY25/26 Projected	35,500	79,230	310,248	48,539	44,297
FY25/26 Audited	39,401	68,928	270,137	43,811	30,156

TSS Audited Values FY24/25, FY25/26



City	Audited FY24/25 (mg/L)	Audited FY25/26 (mg/L)
Glendale	573.11	621.25
Mesa	411.44	427.36
Phoenix	333.30	365.59
Scottsdale	826.79	772.02
Tempe	277.31	176.12
Total to 91st Avenue WWTP	**372.69**	**379.69**

	Glendale	Mesa	Phoenix	Scottsdale	Tempe
Audited FY24/25	33,842	69,208	273,209	52,629	43,540
Audited FY25/26	39,401	68,928	270,137	43,811	30,156

AGENDA

Year End Flow and Loading Report for Fiscal Year 2025/2026

1 Year End Flow and Loading Report Schedule

2 Results Summary

? Questions

Glendale ARIZONA mesa·az CITY OF SCOTTSDALE Tempe

WILSON ENGINEERS


Questions

Influent Flow and Loads to 91st Avenue WWTP

91st Ave WWTP					
Fiscal Year	Flow (MGD)	COD		TSS	
		(lbs/day)	(mg/L)	(lbs/day)	(mg/L)
FY 10/11	140.67	880,833	750.79	389,701	332.17
FY 11/12	140.81	853,291	726.61	372,231	316.97
FY 12/13	137.70	850,963	743.05	380,924	332.62
FY 13/14	137.73	897,243	781.12	410,559	357.43
FY 14/15	137.28	884,265	772.36	425,834	371.94
FY 15/16	135.62	891,238	787.94	412,519	364.71
FY 16/17	133.71	901,869	808.75	415,361	372.47
FY 17/18	135.12	913,082	810.27	427,906	379.73
FY 18/19	133.94	934,019	836.14	429,154	384.18
FY 19/20	135.16	930,718	825.72	432,508	383.71
FY 20/21	140.75	952,798	811.64	449,370	382.80
FY 21/22	148.99	1,002,704	806.93	496,117	399.25
FY 22/23	149.04	994,789	800.33	479,394	385.68
FY 23/24	153.23	981,873	768.33	448,608	351.04
FY 24/25	151.99	1,037,422	818.39	472,428	372.69
FY 25/26	142.87	1,012,629	849.81	452,433	379.69

Glendale ARIZONA mesa·az CITY OF SCOTTSDALE Te

WILSON ENGINEERS

City of Glendale Flow and Loads to 91ST Avenue WWTP

City of Glendale					
Fiscal Year	Flow (MGD)	COD		TSS	
		(lbs/day)	(mg/L)	(lbs/day)	(mg/L)
FY 10/11	8.14	56,519	832.89	27,595	406.66
FY 11/12	7.53	49,735	791.70	24,078	383.28
FY 12/13	7.08	54,737	929.26	26,183	444.50
FY 13/14	8.32	63,877	920.56	29,623	426.91
FY 14/15	6.70	59,322	1,061.92	29,982	536.71
FY 15/16	7.45	68,791	1,107.39	33,349	536.85
FY 16/17	7.46	62,741	1,008.19	32,113	516.03
FY 17/18	6.74	56,567	1,006.21	28,858	513.33
FY 18/19	7.04	63,582	1,083.67	32,412	552.41
FY 19/20	6.43	62,739	1,170.54	30,960	577.63
FY 20/21	8.98	63,100	842.64	28,581	381.67
FY 21/22	7.42	60,035	969.59	28,903	466.79
FY 22/23	7.97	63,887	961.37	34,312	516.32
FY 23/24	7.78	74,071	1,141.57	33,912	522.64
FY 24/25	7.08	67,026	1,135.08	33,842	573.11
FY 25/26	7.60	82,806	1,305.63	39,401	621.25

City of Mesa Flow and Loads to 91ST Avenue WWTP

City of Mesa					
Fiscal Year	Flow (MGD)	COD		TSS	
		(lbs/day)	(mg/L)	(lbs/day)	(mg/L)
FY 10/11	17.23	124,280	865.03	65,655	456.98
FY 11/12	17.72	104,855	709.43	51,942	351.43
FY 12/13	16.13	108,075	805.84	52,901	394.44
FY 13/14	16.19	109,500	811.14	54,974	407.23
FY 14/15	15.94	106,450	800.90	55,985	421.22
FY 15/16	16.54	112,664	816.91	60,988	442.22
FY 16/17	16.62	114,716	827.43	60,434	435.90
FY 17/18	16.27	113,909	839.48	61,404	452.54
FY 18/19	16.77	117,166	837.80	60,553	432.99
FY 19/20	17.46	124,653	855.99	66,542	456.94
FY 20/21	16.51	109,362	794.13	56,029	406.85
FY 21/22	15.95	111,699	839.57	59,517	447.35
FY 22/23	15.95	116,962	879.53	62,745	471.83
FY 23/24	19.07	138,917	873.45	68,826	432.75
FY 24/25	20.17	140,805	837.08	69,208	411.44
FY 25/26	19.34	140,527	871.29	68,928	427.36

City of Phoenix Flow and Loads to 91ST Avenue WWTP

City of Phoenix					
Fiscal Year	Flow (MGD)	COD		TSS	
		(lbs/day)	(mg/L)	(lbs/day)	(mg/L)
FY 10/11	83.61	517,937	742.81	219,193	314.36
FY 11/12	83.70	527,828	756.20	232,315	332.83
FY 12/13	84.43	521,538	742.67	232,512	331.10
FY 13/14	82.52	531,881	772.87	244,617	355.45
FY 14/15	84.05	542,061	773.29	259,211	369.78
FY 15/16	81.14	520,836	769.66	238,927	353.07
FY 16/17	80.33	541,345	808.01	238,585	356.11
FY 17/18	83.79	568,090	812.96	259,411	371.23
FY 18/19	81.73	581,318	852.80	260,209	381.73
FY 19/20	83.52	576,871	828.21	264,156	379.25
FY 20/21	87.39	604,306	829.11	290,310	398.31
FY 21/22	96.49	646,471	803.37	329,419	409.37
FY 22/23	98.16	631,400	771.23	300,513	367.06
FY 23/24	100.57	582,853	694.90	265,666	316.75
FY 24/25	98.29	616,652	752.28	273,209	333.30
FY 25/26	88.60	572,316	774.54	270,137	365.59

City of Scottsdale Flow and Loads to 91st Avenue WWTP

City of Scottsdale					
Fiscal Year	Flow (MGD)	COD		TSS	
		(lbs/day)	(mg/L)	(lbs/day)	(mg/L)
FY 10/11	12.85	90,357	848.98	49,134	458.39
FY 11/12	14.44	79,502	660.31	38,031	315.87
FY 12/13	11.52	80,986	845.45	42,487	443.54
FY 13/14	11.30	86,892	922.12	49,484	525.13
FY 14/15	11.21	82,872	886.27	50,241	537.30
FY 15/16	11.05	86,808	942.01	49,309	535.08
FY 16/17	9.38	82,709	1,008.71	51,392	626.77
FY 17/18	9.47	73,732	933.63	49,242	623.52
FY 18/19	9.76	69,019	847.84	44,125	542.04
FY 19/20	9.26	68,761	890.70	44,646	578.33
FY 20/21	8.66	62,243	861.87	41,316	572.09
FY 21/22	9.52	74,376	936.86	45,930	578.55
FY 22/23	7.59	59,753	944.33	44,242	699.20
FY 23/24	6.79	64,808	1,144.43	43,967	776.41
FY 24/25	7.63	81,723	1,283.85	52,629	826.79
FY 25/26	6.80	76,115	1,341.27	43,811	772.02

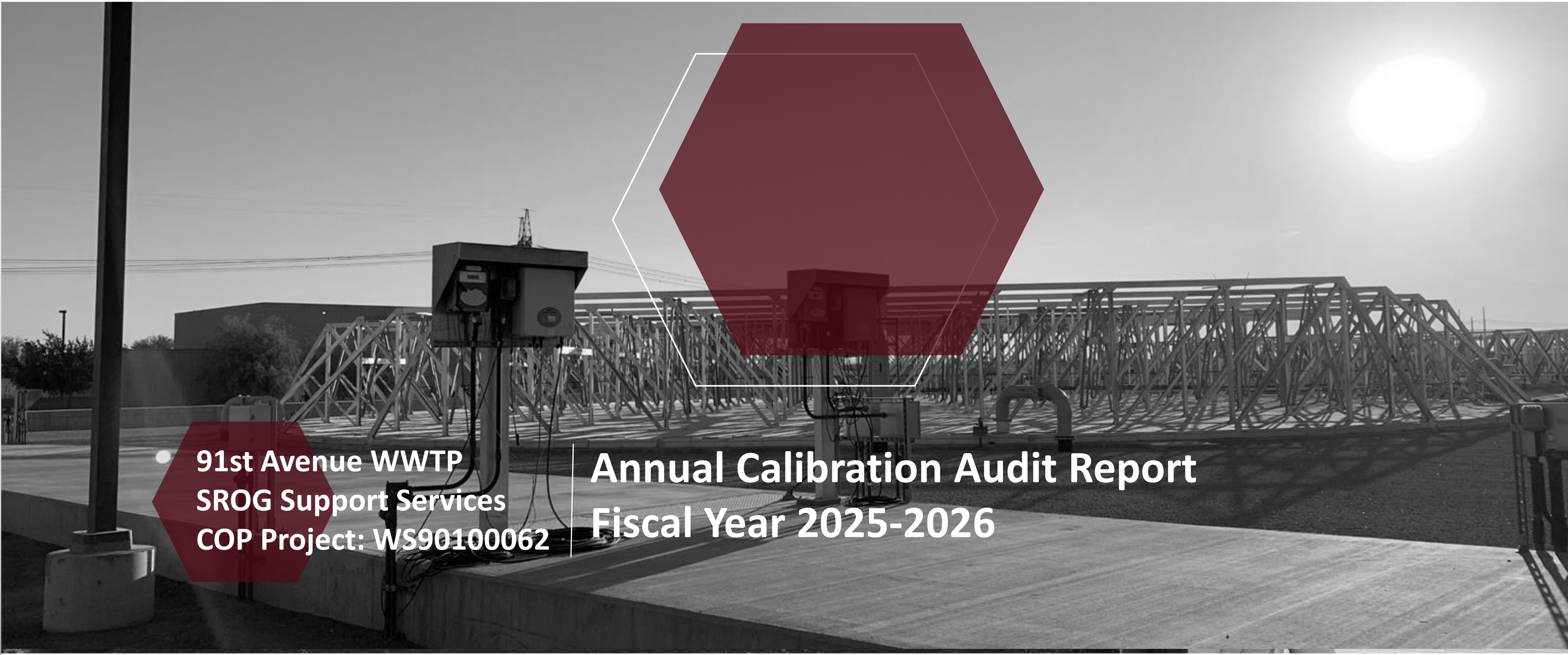
City of Tempe Flow and Loads to 91^ST Avenue WWTP

City of Tempe					
Fiscal Year	Flow (MGD)	COD		TSS	
		(lbs/day)	(mg/L)	(lbs/day)	(mg/L)
FY 10/11	18.85	91,740	583.48	28,124	178.87
FY 11/12	17.42	91,371	628.74	25,865	177.98
FY 12/13	18.54	85,627	555.38	26,841	174.09
FY 13/14	19.41	105,093	649.30	31,861	196.85
FY 14/15	19.38	93,560	578.85	30,414	188.17
FY 15/16	19.45	102,139	629.68	29,946	184.61
FY 16/17	19.46	100,358	618.36	32,837	202.32
FY 17/18	18.85	100,785	641.10	28,991	184.41
FY 18/19	18.64	102,934	662.10	31,855	204.90
FY 19/20	18.49	97,694	633.49	26,204	170.38
FY 20/21	19.13	113,787	710.13	33,134	206.78
FY 21/22	19.61	110,123	673.23	32,348	197.76
FY 22/23	19.37	122,787	760.00	37,582	232.61
FY 23/24	19.03	121,224	763.80	36,237	228.32
FY 24/25	18.82	131,216	835.73	43,540	277.31
FY 25/26	20.53	140,865	822.69	30,156	176.12

AGENDA ITEM #5

SUB-REGIONAL OPERATING GROUP (SROG)

August 2026



91st Avenue WWTP
SROG Support Services
COP Project: WS90100062

Annual Calibration Audit Report
Fiscal Year 2025-2026

WILSON ENGINEERS

AGENDA

Annual Flow Audit Report for Fiscal Year 2025-2026

1 Background

2 Data Review

3 Field Observations

4 Recommendations

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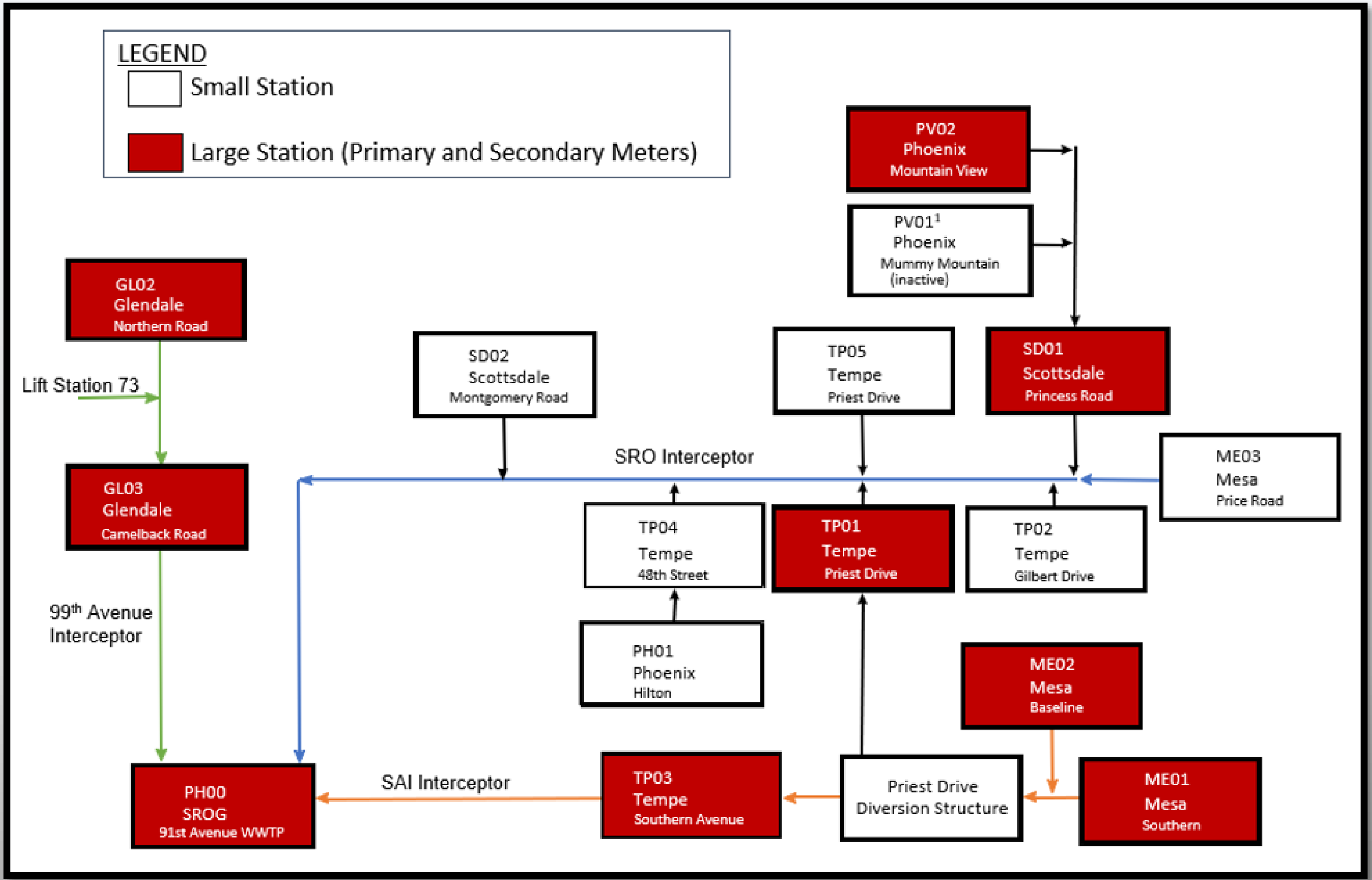
BACKGROUND

- Large Station – Flows Greater than 5 MGD
- Small Station – Flows Less than 5 MGD



Glendale ARIZONA mesa·az CITY OF SCOTTSDALE Tempe

WILSON ENGINEERS

BACKGROUND

Station	Type	Primary Meter	Secondary Meter
PH00	Large	3 Lasers	6 Lasers
GL02	Large	Laser	Laser
GL03	Large	Laser	Laser
ME01	Large	Flume + Pulsar	ADFM
ME02	Large	Flume + Pulsar	ADFM
ME03	Small	Flume + Siemens	----
SD01	Large	Laser	Laser
SD02	Small	Laser	----
PV02	Large	Laser	Flume + Hydroranger
TP01	Large	Laser	Flume + Hydroranger
TP02	Small	Flume + Hydroranger	----
TP03	Large	Laser	Flume + Hydroranger
TP04	Small	Flume + Hydroranger	----
TP05	Small	Flume + Hydroranger	----

Annual Field Calibration Schedule

Date	Stations	Participants
3/5/2026	91st Ave WWTP Influent Channel Lasers	Phoenix
	91st Ave WWTP UP01-UP05 Splitter Boxes	Phoenix
3/10/2026	ME01, ME02, ME03	Phoenix, Mesa
3/11/2026	GL03	Phoenix, Glendale
	TP04, TP05	Phoenix, Tempe
3/12/2026	SC01	Phoenix, EPCOR
	TL01	Phoenix, Tolleson
3/17/2026	SD01, SD02, PV02	Phoenix
3/18/2026	23rd Ave WWTP Headworks Flumes	Phoenix
	91st Ave WWTP Headworks Flumes	Phoenix
6/3/2026	TP02, TP03	Phoenix, Tempe
7/8/2026	TP01	Phoenix, Tempe
7/22/2026	91st Ave WWTP Headworks Flumes	Phoenix

Notes:

Wilson Engineers and WEECI were present at all calibration events

AGENDA

Annual Flow Audit Report for Fiscal Year 2025-2026

1. Background
2. Data Review
3. Field Observations
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Data Review

Notes:

Historical: Data previously metered at the station.

Audited: Partial adopted data following auditing protocols.

Year	2025						2026					
Month	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
PH00 (Lasers)	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser
GL02 (Laser)	Laser	Laser	Laser	Laser	Laser	Laser Historical	Historical	Laser Historical	Laser	Laser	Laser	Laser
GL03 (Laser)	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser Historical	Laser Historical	Laser Historical
ME01 (Flume)	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume
ME02 (Flume)	Flume	Flume Historical	Flume	Flume	Flume	Flume	Flume	Flume Audited	Flume	Flume	Flume	Flume
ME03 (Flume)	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume Historical	Flume Historical
PH01 (Flume)	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume
SD01 (Laser)	Laser	Laser	Laser Audited	Laser	Laser	Laser	Laser	Laser Audited	Laser Audited	Laser	Laser	Laser
SD02 (Laser)	Laser	Laser Historical	Historical	Laser	Laser Historical	Laser	Laser	Laser	Laser	Laser	Laser	Laser
PV02 (Laser)	Laser Audited	Laser Audited	Laser	Laser	Laser	Laser	Laser Audited	Laser Audited	Laser Audited	Laser Audited	Laser	Laser
TP01 (Laser)	Laser Audited	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser	Laser
TP02 (Flume)	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume Historical	Flume	Flume	Flume
TP03 (Laser)	Laser Audited	Laser Audited	Laser	Laser Audited	Audited	Laser	Laser Audited	Laser	Laser	Laser	Laser	Laser
TP04 (Flume)	Flume	Flume	Flume	Flume Historical	Flume Historical	Flume	Flume	Flume	Flume	Flume	Flume	Flume
TP05 (Flume)	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume	Flume

Agenda

Annual Flow Audit Report for Fiscal Year 2025-2026

1. Background
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3. **Field Observations**
4. Recommendations

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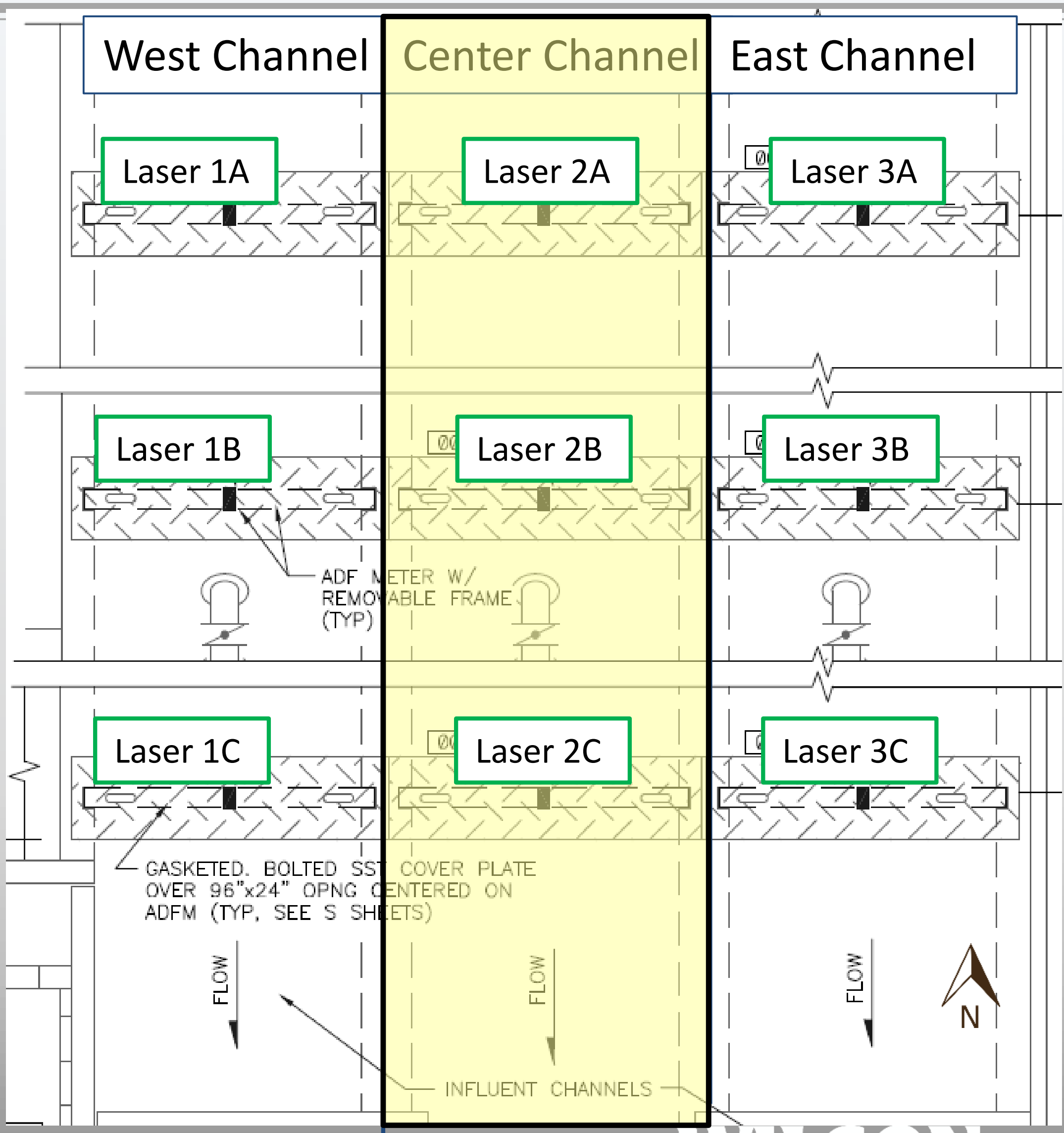
General Observations – PH00 (3/5/2026)

Laser	Observations
1A, 1B, 1C, 3A, and 3C	*Units in good working order*. Hard level measurements taken to confirm level readings.
2A, 2B, and 2C	*Channel was closed.*
3B	*Units in good working order*. Hard level measurements taken to confirm level readings. Level adjusted after measurements were taken.



Glendale Arizona mesa·az City of Scottsdale Tempe

WILSON ENGINEERS

General Observations – Glendale (3/11/2026)

Station/Meter	Observations
GL02 Temporary Laser	*A temporary unit was installed but was not calibrated*. Laser Data is continuously monitored through Cellular communications via Cipher FY25/26. The GL02 metering station is being relocated.
GL03 Laser 1 and Laser 2	*Units are in good working order*. Bottom of the laser is installed flush to the invert of the pipe. Calibration was completed with the 360 distance measurement minus the 54” pipe. Verified with fixed target.

Glendale ARIZONA mesa·az CITY OF SCOTTSDALE Tempe

WILSON ENGINEERS

General Observations – Mesa (3/10/2026)

Station/Meter	Observations
ME01/ME02/ME03	*Communication Issues*. Continuous telephone modem communication issues for FY 2025/2026.
ME01 24” Parshall Flume	*Sensor needs to be changed out*. Response time of sensor is approximately 5 minutes. Data is downloaded weekly by Wilson.
ME02 36” Parshall Flume	*Ultrasonic sensor is not level*. Data is downloaded weekly by Wilson.
ME03 18” Parshall Flume	*Primary measuring device is turned off*. No flow table is installed. Data is downloaded monthly by Wilson.
ME01 ADFM	*Unit is disconnected and flow meter is operational for a short period after cleaning*. Data is downloaded weekly by Wilson. ADFM production is discontinued. No units are available for replacement.
ME02 ADFM	*Unit is disconnected and flow meter is operational for a short period after cleaning*. Data is downloaded weekly by Wilson. ADFM production is discontinued. No units are available for replacement.

General Observations – Phoenix (3/17/2026)

Station/Meter	Observations
PV02 24" Parshall Flume	Calibration team was unable to verify the signal to Scottsdale as no representative was present.
PV02 Laser	Calibration team was unable to verify calibrate ultrasonic sensor with the fixed target calibration method. The signature programming was verified.

General Observations – Scottsdale (3/17/2026)

Station/Meter	Observations
SD01 Laser 1 and Laser 2	*Units are in good working order.* Laser is mounted with the bottom flush with the inside edge of the pipe. Level verification was completed using the 360 distance minus pipe diameter.
SD02 Laser	*Unit is in good working order.* Laser is mounted with the bottom flush with the inside edge of the pipe. Level verification was completed using the 360 distance minus pipe diameter.

General Observations – Tempe (3/11/2026, 6/3/2026, and 7/8/2026)

Station/Meter	Observations
TP02/TP04/TP05	*Communication Issues*. Continuous telephone modem communication issues for FY 2025/2026.
TP01 48” Parshall Flume	*Unit is in good working order.*
TP02 18” Parshall Flume	Ultrasonic sensor is very slow to respond and needs to be replaced. Data is downloaded monthly by Wilson.
TP03 48” Parshall Flume	*Unit is in good working order.*
TP04 9” Parshall Flume	*Unit is in good working order.* Data is downloaded monthly by Wilson.
TP05 6” Parshall Flume	Tempe going to change out meter due to analog outputs no longer working. Data is downloaded monthly by Wilson.

Notes:

TP01 laser was installed and calibrated on July 2, 2025. Due to the recent installation, the TP01 laser was not included in the FY 25/26 calibration event.

TP03 laser was installed and calibrated on May 15, 2025. Due to the recent installation, the TP03 laser was not included in the FY 25/26 calibration event.

Agenda

Annual Flow Audit Report for Fiscal Year 2025-2026

1. Background
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RECOMMENDATIONS

- Consider Replacing ADFMs at ME01 and ME02
- Complete Communication Equipment Upgrades at Stations with Communication Issues
  - ME01, ME02, ME03, TP02, TP04, and TP05
- Consider Including the Calibration of the SROG Inline Meters in the Annual Calibration
  - NN01, SA01, SA02, SA03, SR01, SR02A, SR03, SR04A, and SR05

AGENDA

Annual Flow Audit Report for Fiscal Year 2025-2026

1. Background
2. Data Review
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Questions