



***Public Notice Pursuant to A.R.S. § 38-431.02***

November 4, 2020

TO: Members of the Sub-Regional Operating Group (SROG) Committee of the Joint Municipal Water Reclamation System

FROM: Mr. Craig Johnson, Chair, Glendale

SUBJECT: **MEETING NOTICE AND AGENDA**

**Thursday, November 12, 2020 – 11:00 a.m.**

**This meeting will be held via AMWUA Zoom**  
**Access this [link](#) to join. Meeting ID: 862 1944 8235**  
(Option to join by phone: 1-346-248-7799, same Meeting ID as above)

**AGENDA – ITEMS FOR DISCUSSION AND POSSIBLE ACTION**

1. Call to Order
2. Approval of the Minutes of the September 9, 2020 Meeting  
  
Please refer to Agenda Item #2
3. Schedule Next Meeting Date: Wednesday, December 9, 2020, at 11:00 a.m.
4. Consideration of Items for Consent

The following items listed under the consent agenda will be considered as a group and acted upon by one motion with no separate discussion of said items unless a Committee member so requests. In that event, the item(s) will be removed from the agenda for separate action.

- A. Recommendation to Adopt the 91<sup>st</sup> Avenue WWTP Influent Flow and Loading Projections for Fiscal Year 2021-22

At their October 15, 2020 meeting, the SROG Advisory Committee recommended that the SROG Committee adopt the 91<sup>st</sup> Avenue WWTP influent flow and loading projections for Fiscal Year 2021-22.

Please refer to Agenda Item #4A.

---

**Arizona Municipal Water Users Association**

B. Recommendation for Additional Funding - Salt River Outfall (SRO) Interceptor Rehabilitation – Project E

At their October 15, 2020 meeting, the SROG Advisory Committee recommended that the SROG Committee authorize additional funding to the City of Phoenix for construction and construction administration & inspection services not to exceed \$995,000 for emergency roof repairs in junction structure 6-22-309 and other unexpected repairs related to the Salt River Outfall Interceptor Rehabilitation, Project E.

Please refer to Agenda Item #4B.

5. Joint Exercise of Power Agreement (JEPA) Negotiations

This is a standing agenda item in the event the Committee should discuss the JEPA negotiations.

6. Meeting of the SROG Advisory Committee

A meeting of the SROG Advisory Committee was held on October 15, 2020.

Please refer to the agenda and minutes for this meeting, Agenda Item #6.

7. Future Agenda Items

8. Adjournment

*The order of the agenda may be altered or changed by the SROG Committee. More information about AMWUA and SROG public meetings is available in the AMWUA office, online at [www.amwua.org/what-we-do/public-meetings](http://www.amwua.org/what-we-do/public-meetings), or by request.*

## SUB-REGIONAL OPERATING GROUP COMMITTEE

### MEETING MINUTES

September 9, 2020

#### MEMBERS

Craig Johnson, Chair, Glendale  
Chris Hassert for Jake West, Mesa  
Nazario Prieto, Phoenix  
David Walby for Brian Biesemeyer, Scottsdale  
Mark Weber for Tara Ford, Tempe

#### OTHERS

Michelle Barclay, AMWUA  
Tara Gonzales, Phoenix

#### 1. Call to Order

Mr. Johnson called the meeting to order at 11:07 a.m.

#### 2. Approval of the Minutes from the June 10, 2020 Meeting

Upon a motion by Mr. Hassert, a second by Mr. Prieto, and unanimous approval, the SROG Committee approved the minutes of the June 10, 2020 meeting.

#### 3. Set Next Meeting Date

The next meeting will be held on Wednesday, October 14, 2020.

#### 4. Consideration of Items for Consent

Mr. Johnson removed items A&B from the consent agenda and asked for a roll call vote on items A&B.

##### A. Recommendation to Enter into Multiple Contracts with McCarthy - 91<sup>st</sup> Ave WWTP Plant 2B Rehabilitation

At their August 20, 2020 meeting, the SROG Advisory Committee recommended that the SROG Committee authorize the City of Phoenix to enter multiple contracts with McCarthy for an amount not to exceed \$750,000.00 to provide Preconstruction Services and GMP Preparation services related to the rehabilitation of Plant 2B.

Mr. Hassert stated that the push back from Mesa on items A&B has to do with the fact that Mesa does not have a clear solution for funding.

Mr. Prieto, Mr. Walby and Mr. Johnson voted in favor of the motion. Mr. Hassert voted against. Mr. Weber was not present for this vote. The motion was approved.

B. Recommendation to Enter into a Contract with Hazen & Sawyer - 91<sup>st</sup> Ave WWTP Plant 2B Rehabilitation

At their August 20, 2020 meeting, the SROG Advisory Committee recommended that the SROG Committee authorize the City of Phoenix to enter a contract with Hazen & Sawyer for an amount not to exceed \$4.0M for design services related to the rehabilitation of Plant 2B.

Mr. Prieto, Mr. Walby and Mr. Johnson voted in favor of the motion. Mr. Hassert voted against. Mr. Weber was not present for this vote. The motion was approved.

Mr. Walby made a motion to approve the following items for consent:

C. SROG Annual Year-End Flow and Loading Report for Fiscal Year 2019-20

At their August 20, 2020 meeting, the SROG Advisory Committee recommended that the SROG Committee accept the SROG Year-End Flow and Loading Report for Fiscal Year 2019-20 to be used in the determination of the SROG Year-End Settlement for Fiscal Year 2019-20.

D. SROG Annual Calibration and Flow Audit Report for Fiscal Year 2019-20

At their August 20, 2020 meeting, the SROG Advisory Committee recommended that the SROG Committee accept the SROG Annual Calibration and Flow Audit Report as fulfilling the provisions of Exhibit G of Addendum No. 4 to the JEPA for Fiscal Year 2019-20.

Mr. Prieto seconded the motion, which was unanimously approved. Mr. Weber was not present for this vote.

**5. Joint Exercise of Powers Agreement (JEPA) Negotiations**

There was no discussion on this item.

**6. Meeting of the SROG Advisory Committee**

There was no discussion on this item.

**7. Future Agenda Items/Comments**

There was no discussion on this item.

**8. Adjournment**

Mr. Prieto adjourned the meeting at 11:11 a.m.

November 4, 2020

TO: Members of the SROG Committee

FROM: Michelle Barclay, SROG Manager

SUBJECT: RECOMMENDATION TO ADOPT THE 91<sup>ST</sup> AVENUE WWTP INFLUENT FLOW AND LOADING PROJECTIONS FOR FISCAL YEAR 2021-22

Each year the SROG cities make projections about how much flow and loadings they expect to send to the 91<sup>st</sup> Avenue WWTP. These projections are usually developed anywhere between four and nine months prior to the beginning of the fiscal year to which the projections relate. These projections are then used to develop the billing rates for that year.

The following is a table outlining, by SROG city, the projected flows, COD and TSS concentrations, and COD and TSS loadings. This table represents what each city is projecting to send to the 91<sup>st</sup> Avenue WWTP during Fiscal Year 2021-22.

**91<sup>st</sup> Ave. WWTP Projected Influent Flow and Loadings – FY 21/22**

SROG City	Flows (mgd)	COD Conc. (mg/L)	COD Loading (lbs/day)	TSS Conc. (mg/L)	TSS Loading (lbs/day)
Glendale	7.90	1,001.73	66,000	531.22	35,000
Mesa	18.00	875.00	131,355	475.00	71,307
Phoenix	84.00	842.18	590,000	381.12	267,000
Scottsdale	9.00	950.00	71,307	600.00	45,036
Tempe	19.62	660.13	108,018	200.04	32,733
<b>SROG</b>	<b>138.52</b>	<b>836.77</b>	<b>966,680</b>	<b>390.46</b>	<b>451,076</b>

These projections were reviewed by the SPEC Committee at their meeting on October 8, 2020 and found to be acceptable. The projections were then approved by the SROG Advisory Committee at their meeting on October 15, 2020.

The SROG Advisory Committee recommended that:

the SROG Committee adopt the influent flow and loading projections for Fiscal Year 2021-22 as presented by Wilson Engineers.

November 4, 2020

TO: Members of the SROG Committee

FROM: Michelle Barclay, SROG Manager

SUBJECT: AUTHORIZATION FOR ADDITIONAL FUNDING FOR THE SALT RIVER OUTFALL REHABILITATION PROJECT E

This request is seeking authorization to provide additional funding for SRO Rehab Project E for construction and construction administration & inspection services due to an emergency repair situation discovered in Junction Structure 6-22-309 at Lower Buckeye Road and 27<sup>th</sup> Avenue, and additional work needed to Junction Structures 6-23-305 and 6-23-306, and Discharge Structure 4-10-302.

The emergency repair in Junction Structure 6-22-309 involves replacing the roof, as it was discovered long term creep has been responsible for the roof panels sagging significantly enough that the structural engineers at Brown & Caldwell felt closing the road was warranted. The repair of this structure is estimated at \$750,000. Repairs that were determined necessary to Junction Structures 6-23-305 and 6-23-306 are estimated at \$110,000 each, with Discharge Structure 4-10-302 estimated to cost \$60,000 which is expected to be at least partially reimbursed under warranty. As a result of this work, CA&I needs to be extended three months at a cost of \$80,000.

Project E is the final project coming out of the 2014 SRO Condition Assessment Report. Project E is the rehabilitation of 83 Grade 3 manholes, 69 of which have been completed. Brown & Caldwell was selected for design services through a Qualification Based Selection process in October of 2017. These additional funds for Project E were not included in the SROG CIP Cash Flow estimate for Fiscal Year 2020-21, but will be included at the mid-year revision that is scheduled to be approved by the SROG Advisory Committee later this month.

This project will be billed according to Billing Schedule 34 which is based on overall ownership of the SRO.

#### RECOMMENDATION

At their October 15, 2020 meeting, the SROG Advisory Committee recommended that:

the City of Phoenix be authorized additional funding for construction and construction administration & inspection services not to exceed \$995,000 for emergency roof repairs in Junction Structure 6-22-309 and other unexpected repairs related to the Salt River Outfall Interceptor Rehabilitation, Project E. Funds for these services are not currently in the SROG CIP Cash Flow. Funds for these services are to be budgeted in WS90160095 for Fiscal Year 2020-21. The costs will be prorated among the remaining SROG cities using Billing Schedule 34 with the following percentages: Mesa 18.84%, Phoenix 46.25%, Scottsdale 23.91% and Tempe 11.00%.

**DRAFT**

**SROG ADVISORY COMMITTEE**  
**MEETING MINUTES**  
**October 15, 2020**

**MEMBERS**

Brian Draper, Mesa  
Patty Kennedy, Phoenix  
Richard Sacks, Scottsdale  
Ron Serio, Chair, Glendale  
Mark Weber, Tempe

**OTHERS**

Blaine Akine, Phoenix	Ken Slota, PCL
Michelle Barclay, AMWUA	Cindy Smith, Phoenix
Tara Gonzales, Phoenix	Steve Todd, Wilson Engineers
Stacey Kisling, Phoenix	Peter Torres, Phoenix
Gus Lopez, Wilson Engineers	Nick Yonezawa, HDR

**A. Call to Order**

Mr. Serio called the meeting to order at 1:33 p.m.

**B. General Business – Items for Discussion and Possible Action**

1. Approval of the Minutes from the August 20, 2020 Meeting

Upon a motion by Mr. Kennedy, a second by Mr. Weber and unanimous approval, the SROG Advisory Committee approved the minutes from the August 20, 2020 meeting.

2. The next SROG Advisory Committee meeting was scheduled for Thursday, November 19, 2020, 1:30 p.m., via Zoom

3. Information Items

Mr. Draper asked if all the change orders on item 3A were brought through SROG Committees. Mr. Torres responded that he prepared this document and will look into this and respond to Mr. Draper.

There were no comments on Items B, C or D.

4. [91<sup>st</sup> Avenue WWTP Flow and Loading Projections for Fiscal Year 2021-22](#)

Mr. Todd of Wilson Engineers asked the committee if they would like to see the entire presentation again as most of the committee had seen this information and the presentation at the SPEC meeting last week. It was agreed only the summary was necessary. Mr. Todd showed the summary of the proposed flow and loading values for FY 2021-22.

Upon a motion by Ms. Kennedy, a second by Mr. Draper, and unanimous consent, the SROG Advisory Committee recommended to the SROG Committee that the influent flow and loading projections for Fiscal Year 2021-22 be adopted as presented by Wilson Engineers.

5. [Salt River Outfall \(SRO\) Interceptor Rehabilitation – Project E](#)

Ms. Smith reminded the committee that Project E is the final project out of the 2014 SRO Rehabilitation, which is the rehabilitation of 83 Grade 3 manholes. She stated that 69 of 83 manholes have been rehabbed to date and construction is expected to be completed by the end of December 2020.

Ms. Smith explained that in the course of this work, emergency situations in need of repair were discovered, as well as additional work on items TBD in the original plans. This involves junction structures 6-22-309, 6-23-305, 6-23-306, and discharge structure 4-10-302. Junction structure 6-22-309 is the one that has the emergency repair situation. 6-23-305 and 306 did not have a manned entry at the time, and now we have a cost estimate for rehab. Then lastly 4-10-302 was not on our anticipated rehab list.

Ms. Smith explained the emergency repair situation discovered in junction structure 6-22-309 at Lower Buckeye Road and 27<sup>th</sup> Avenue. She stated that long term creep failure was discovered in at least one of the roof panels which is sagging. The sag is significant enough that the structural engineers of Brown & Caldwell felt closing the road was warranted. The repair of this structure involves replacing the roof panels. Ms. Smith showed photos of the repair work in progress.

The two TBD structures were examined and it was determined what is needed to rehab those two structures. Ms. Smith showed diagrams with dimensions of those structures.

Ms. Smith stated that discharge structure 4-10-302 was done two years ago by Achen Gardner. Achen Gardner has been informed that this should be warranty work, however, the repair work was already completed since they were already there and had such a short window to be in there and complete the work. The City of Phoenix is in the process of negotiating with Achen Gardner to credit the city for this work under warranty.



Ms. Smith gave a cost breakdown of all of these repairs. The emergency repairs to junction structure 6-22-309 is estimated at \$750,000. Junction structures 6-23-305 and 6-23-306 are estimated at \$110,000 each. The unexpected repairs to discharge structure 4-10-302 are estimated at \$60,000, and CA&I for an additional three months on SRO Rehabilitation Project E will cost \$80,000. This brings the total to \$1,110,000. Reallocated budgeted funds in the amount of \$115,000 can be used, resulting in a need of \$995,000 of additional funds.

Mr. Draper asked what the \$750,000 for 6-22-309 included. Ms. Smith responded that it includes excavation, traffic control, police officers, cutting the roof off and putting a new one back on. The new roof is going to be polymer concrete material manufactured by Armorock and we are going to get new polymer concrete manholes, as well as re-coat the inside.

Mr. Draper stated that he understands why everything was done as it was, but would appreciate a heads up about spending extra money that was not programmed for this project. Mr. Draper stated that the appearance is that Phoenix took it upon themselves to do this work, knowing that it would cost more and are asking for approval after the fact. Ms. Kennedy stated that while they are working on the emergency project, they haven't done anything to the other structures yet. Mr. Draper pointed to the discharge structure. Ms. Kennedy responded that \$60,000 is warranty work which will be at least partially reimbursed, and the reallocated \$115,000 would have covered that, so had it not been for the emergency they could have just handled it within budget. Ms. Keisling stated that the only reason they proceeded with that work is that the lid was off and only going to be off for five days so they had to move quickly. Ms. Kennedy stated that this was a surprise that they had not anticipated. Mr. Draper stated that he had mistakenly thought 6-23-305 and 306, had already been done, so he takes it back. Ms. Gonzales reminded the committee that they presented the emergency issue at the September SPEC meeting which was right after discovering the problem, they just did not have any cost estimates at that point.

Upon a motion by Ms. Kennedy, a second by Mr. Sacks and unanimous approval, the SROG Advisory Committee recommend to the SROG Committee that the City of Phoenix be authorized additional funding for construction and construction administration & inspection services not to exceed \$995,000 for emergency roof repairs in junction structure 6-22-309 and other unexpected repairs related to the Salt River Outfall Interceptor Rehabilitation, Project E. Funds for these services are not currently in the SROG CIP Cash Flow. Funds for these services are to be budgeted in WS90160095 for Fiscal Year 2020-21. The costs will be prorated among the remaining SROG cities using a Billing Schedule 34 with the following percentages: Mesa 18.84%, Phoenix 46.25%, Scottsdale 23.91% and Tempe 11.00%.

Mr. Sacks asked where the money is coming from for these items. Ms. Kennedy said that it will be included in the coming CIP Cash Flow that will be presented in November.

**C. Future Agenda Items**

There was no discussion of this item.

**D. Adjournment**

Upon a motion by Mr. Draper, a second by Ms. Kennedy and unanimous approval, the meeting adjourned at 2:05 p.m.