



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

November 3, 2021

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

FROM: Mr. Jake West, Chair, Mesa

SUBJECT: **MEETING NOTICE AND AGENDA - *AMMENDED***

Wednesday, November 10, 2021 – 11:00 a.m.

This meeting will be held via AMWUA Zoom
Access this [Link](#) to join. Meeting ID: 846 8615 0586
(Option to join by phone: 602-753-0140, same Meeting ID as above)

AGENDA – ITEMS FOR DISCUSSION AND POSSIBLE ACTION

1. Call to Order
2. Approval of the Minutes of the September 8, 2021 Meeting

Please refer to Agenda Item #2
3. Schedule Next Meeting Date: Wednesday, December 8, 2021, 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 91st Avenue WWTP Influent Flow and Loading Projections for Fiscal Year 2022-23

At their October 21, 2021 meeting, the SROG Advisory Committee recommended that the SROG Committee adopt the 91st Avenue WWTP influent flow and loading projections for Fiscal Year 2022-23.

Please refer to Agenda Item #4A.

Arizona Municipal Water Users Association

B. Peoria IGA

In an email dated September 13, 2021 the SROG Advisory Committee recommended that the SROG Committee accept the City of Phoenix and the City of Glendale entering into an Intergovernmental Agreement with the City of Peoria.

Please refer to Agenda Item #4B.

C. 25-Year Master Plan

At their October 21, 2021 meeting, the SROG Advisory Committee recommended that the SROG Committee accept new project number WS90100115 and authorize the City of Phoenix to advertise, select and negotiate scope of work and fee, to provide professional consultant services to develop a 91st Avenue WWTP 25-year Master Plan Report.

Please refer to Agenda Item #4C.

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

The minutes from the October 21, 2021 SROG Advisory Committee meeting are attached.

7. Future Agenda Items

8. Adjournment

The order of the agenda may be altered or changed by the SROG Managers 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, or by request.

SUB-REGIONAL OPERATING GROUP COMMITTEE

MEETING MINUTES

September 8, 2021

MEMBERS

Chris Hassert for Jake West, Chair, Mesa
Craig Johnson, Chair, Glendale
Terry Piekarz, Tempe
Nazario Prieto, Phoenix
David Walby for Brian Biesemeyer, Scottsdale

OTHERS

Michelle Barclay, AMWUA
Tara Gonzales, Phoenix

1. Call to Order

Mr. Hassert called the meeting to order at 11:04 a.m.

2. Approval of the Minutes from the May 12, 2021 Meeting

Upon a motion by Mr. Johnson, a second by Mr. Piekarz, and unanimous approval, the SROG Committee approved the minutes of the May 12, 2021 meeting.

3. Set Next Meeting Date

The next meeting will be held on Wednesday, October 13, 2021.

4. Consideration of Items for Consent

Mr. Johnson made a motion to approve the following item for consent:

A. SROG Annual Year-End Flow and Loading Report for Fiscal Year 2020-21

In an email dated August 19, 2021, the SROG Advisory Committee recommended that the SROG Committee accept the SROG Year-End Flow and Loading Report for Fiscal Year 2020-21 to be used in the determination of the SROG Year-End Settlement for Fiscal Year 2020-21.

B. SROG Annual Calibration and Flow Audit Report for Fiscal Year 2020-21

In an email dated August 17, 2021, 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 2021.

Mr. Piekarz seconded the motion, which was unanimously approved.

5. Joint Exercise of Power 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. Hassert adjourned the meeting at 11:07 a.m.



AGENDA ITEM #4A

November 3, 2021

TO: Members of the SROG Committee

FROM: Michelle Barclay, SROG Manager

SUBJECT: RECOMMENDATION TO ADOPT THE 91ST AVENUE WWTP INFLUENT FLOW AND LOADING PROJECTIONS FOR FISCAL YEAR 2022-23

Each year the SROG cities make projections about how much flow and loadings they expect to send to the 91st 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 91st Avenue WWTP during Fiscal Year 2022-23.

91st Ave. WWTP Projected Influent Flow and Loadings – FY 22/23

SROG City	Flows (mgd)	COD Conc. (mg/L)	COD Loading (lbs/day)	TSS Conc. (mg/L)	TSS Loading (lbs/day)
Glendale	7.90	1,009.32	66,500	535.02	35,250
Mesa	18.00	875.00	131,355	475.00	71,307
Phoenix	90.00	830.00	623,000	390.00	292,734
Scottsdale	8.80	900.00	66,053	600.00	44,035
Tempe	19.92	659.94	109,638	199.98	33,224
SROG	144.62	826.23	996,546	395.11	476,550

These projections were reviewed by the SPEC Committee at their meeting on October 14, 2021 and found to be acceptable. The projections were then approved by the SROG Advisory Committee at their meeting on October 21, 2021.

The SROG Advisory Committee recommended that:

the SROG Committee adopt the influent flow and loading projections for Fiscal Year 2022-23 as presented by Wilson Engineers.

November 3, 2021

TO: Members of the SROG Committee

FROM: Michelle Barclay, SROG Manager

SUBJECT: INTERGOVERNMENTAL AGREEMENT (IGA) WITH THE CITY OF PEORIA

This request will authorize the cities of Phoenix and Glendale to enter an IGA with the City of Peoria to provide Peoria with the ability to divert wastewater flows that would normally go to the Butler Facility to the 99th Interceptor as needed during either an emergency or planned bypass event.

Prior to the construction of the Peoria's Butler Drive Water Reclamation Facility, a portion of Peoria's wastewater was sent to the City of Tolleson WWTP via the 99th Avenue Interceptor for treatment. Peoria retained ownership of its 99th Avenue Interceptor capacity following the construction of its Butler Facility, however Peoria's ownership capacity in the interceptor ends at the diversion structure near Van Buren and 99th Avenue. With this agreement, the City of Peoria requests that the City of Glendale transport wastewater from the bypass structure to the 91st Avenue WWTP for treatment during emergency and planned bypass events. The City of Peoria also requests that the City of Phoenix treat this wastewater at the 91st Avenue WWTP using its available excess treatment capacity.

The City of Peoria will be responsible for all costs and expenses associated with the wastewater flows discharged into the 99th Avenue Interceptor and treatment at the 91st Avenue WWTP.

RECOMMENDATION

In an email dated September 13, 2021, the SROG Advisory Committee recommended that:

the SROG Committee accept the City of Phoenix and the City of Glendale entering into an Intergovernmental Agreement with the City of Peoria. The purpose of this IGA is for Glendale and Phoenix respectively to provide transportation and treatment of wastewater flows released by the Peoria Butler Drive Water Reclamation Facility for emergency or short-term planned events. Furthermore, Peoria will be responsible for all costs and expenses associated with the wastewater flows discharged into the 99th Avenue Interceptor and treatment at the 91st Avenue WWTP.

November 3, 2021

TO: Members of the SROG Committee

FROM: Michelle Barclay, SROG Manager

SUBJECT: MASTER PLAN UPDATE

In 2000, Greeley and Hansen and Malcolm Pirnie developed a 25-Year Facility Master Plan for the 91st Avenue WWTP. The Master Plan forecasted needs for wastewater capacity at the 91st Avenue WWTP from 2005 through year 2030. The study was based upon projections of wastewater growth and each SROG City's plans for construction of their own facilities. The study recommended treatment component and system alternatives, phasing schedules, and cost estimates for future expansions.

In 2005, Greeley & Hansen and Malcolm Pirnie provided a limited update to the 25-Year Master Plan to incorporate the Unified Plant 2005 Expansion Project. Then in 2010, Greeley & Hansen and CH2M Hill provided a comprehensive update to the 25-year Master Plan. The existing Master Plan covers the period 2010-2035.

Recently a significant piping and plant asset evaluation has been completed. As a result of this analysis, a 10-year rehabilitation plan was developed for the 91st Avenue WWTP.

This Master Plan update will develop a path for the future operation of the 91st Avenue WWTP based on flow and loading projections for the SROG cities and update the facility specific recommendations within the 10-year improvement plan for the 91st Avenue WWTP. This project will result in a Master Plan for 91st Avenue WWTP for the period 2022-2050. The scope for this project is being developed by the SROG SPEC Committee.

RECOMMENDATION

At their meeting on October 21, 2021, the SROG Advisory Committee recommended that:

the SROG Committee accept new project number WS90100115 and authorize the City of Phoenix to advertise, select and negotiate scope of work and fee, to provide professional consultant services to develop a 91st Avenue WWTP 25-year Master Plan Report for an amount not to exceed \$1,000,000. Funds for these services are available in the SROG CIP Cash Flow for Fiscal Year 2022-23. Project number WS90100115 will use billing schedule 41 with the following percentages: Glendale 20%, Mesa 20%, Phoenix 20%, Scottsdale 20% and Tempe 20%.