



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

November 1, 2023

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

FROM: Ms. Tara Ford, Chair, Tempe

SUBJECT: **MEETING NOTICE AND AGENDA**

Wednesday, November 8, 2023 – 11:00 a.m.

This meeting will be held via AMWUA Zoom
Access this [Link](#) to join. Meeting ID: 838 3866 3296
(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 13, 2023 Meeting

Please refer to Agenda Item #2
3. Schedule Next Meeting Date: *Tuesday, December 12, 2023, 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 2024-25

In an email dated October 16, 2023, the SROG Advisory Committee recommended that the SROG Committee adopt the 91st Avenue WWTP influent flow and loading projections for Fiscal Year 2024-25.

Please refer to Agenda Item #4A.

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B. Recommendation to Approve an on-call Contract for Local Limits Review

In an email dated October 16, 2023 the SROG Advisory Committee recommended to the SROG Committee that the City of Phoenix be authorized enter into an on-call engineering services contract with Brown and Caldwell for services related to the Local Limits Review project.

Please refer to Agenda Item #4B.

C. Decommissioning Phoenix Metering Station PH01

In an email dated October 16, 2023 the SROG Advisory Committee recommended that the SROG Committee authorize the City of Phoenix to decommission metering station PH01 and adopt an average flow, COD and TSS loading values based on historical data to be used for billing purposes.

Please refer to Agenda Item #4C.

5. Meeting of the SROG Advisory Committee

There was no meeting of the SROG Advisory Committee.

6. Future Agenda Items

7. 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 13, 2023

MEMBERS

Tara Ford, Chair, Tempe
Brian Biesemeyer, Scottsdale
Ron Serio, Glendale
Nazario Prieto, Phoenix

OTHERS

Michelle Barclay, AMWUA
Tara Gonzales, Phoenix
Troy Hayes, Phoenix

1. Call to Order

Ms. Ford called the meeting to order at 11:33 a.m.

2. Approval of the Minutes from the May 8, 2023 Meeting

Upon a motion by Mr. Biesemeyer, a second by Mr. Serio, and unanimous approval, the SROG Committee approved the minutes of the May 8, 2023 meeting.

3. Set Next Meeting Date

The next meeting will be held on Wednesday, October 11, 2023.

4. Consideration of Items for Consent

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

A. SROG Annual Year-End Flow and Loading Report for Fiscal Year 2022-23

In an email dated August 15, 2023, the SROG Advisory Committee recommended that the SROG Committee accept the SROG Year-End Flow and Loading Report for Fiscal Year 2022-23 to be used in the determination of the SROG Year-End Settlement for Fiscal Year 2022-23.

B. SROG Annual Calibration and Flow Audit Report for Fiscal Year 2022-23

In an email dated August 15, 2023, 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 2023.

Mr. Serio 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

Ms. Ford adjourned the meeting at 11:33 a.m.



AGENDA ITEM #4A

November 1, 2023

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 2024-25

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 2024-25.

91st Avenue WWTP Projected Influent Flow and Loadings – FY 24/25

SROG City	Flows (mgd)	COD Conc. (mg/L)	COD Loading (lbs/day)	TSS Conc. (mg/L)	TSS Loading (lbs/day)
Glendale	7.90	1,016.91	67,000	538.81	35,500
Mesa	19.00	880.00	139,445	475.00	75,269
Phoenix	94.00	816.37	640,000	395.43	310,000
Scottsdale	8.50	950.00	67,346	600.00	42,534
Tempe	20.52	700.00	119,796	210.00	35,939
SROG	149.92	826.65	1,033,587	399.29	499,242

These projections were reviewed by the SPEC Committee at their meeting on October 12, 2023 and found to be acceptable. The projections were then approved by the SROG Advisory Committee in an email on October 16, 2023.

The SROG Advisory Committee recommended that:

the SROG Committee adopt the influent flow and loading projections for Fiscal Year 2024-25 as presented by Wilson Engineers.

November 1, 2023

TO: Members of the SROG Committee

FROM: Michelle Barclay, SROG Manager

SUBJECT: ON-CALL CONTRACT FOR LOCAL LIMITS REVIEW – BROWN & CALDWELL

On May 1, 2023, NPDES permit for 91st Ave WWTP (AZ0020524) became effective. The new permit, as typical, requires an evaluation of the plant's local limits. As a facility with an approved pretreatment program, the 91st Ave WWTP must continue to develop and revise local limits.

Per Section D Pretreatment, Part 5; "As part of the second annual pretreatment report required under Part II.D.4., the permittee shall provide a written technical evaluation of the need to revise local limits under 40 CFR § 403.5(c)(1), as required under 40 CFR § 122.44(i)(2)(ii). Such written technical evaluation shall be provided by February 19, 2025."

As a result, the SROG TAC, SPEC and Advisory Committees all recommend engaging the services of a consultant to evaluate existing local limits due to the issuance of the new permit, changes in NPDES standards and new data available. This project is planned for completion by December 30, 2024 so that it can be submitted to EPA by the deadline of February 2025.

RECOMMENDATION

In an email dated October 16, 2023, the SROG Advisory Committee recommended that:

the SROG Committee authorize the City of Phoenix to enter into an on-call engineering services contract with Brown and Caldwell for an amount not to exceed \$250,000.00 for services related to the Local Limits Review project. Funds for these services are available in the SROG CIP Cash Flow for Fiscal Year 2024-25. The project number is WS90120037 using billing schedule 41 with the following percentages: Glendale 20% Mesa 20%, Phoenix 20%, Scottsdale 20% and Tempe 20%.

November 1, 2023

TO: Members of the SROG Committee

FROM: Michelle Barclay, SROG Manager

SUBJECT: AUTHORIZATION TO DECOMMISSION PH01

In August 2022, Wilson Engineers prepared a technical memo regarding the operational cost/benefit of metering stations PH01 and TP05. The conclusion was that the operational costs of PH01 exceed operational benefits. With annual sampling, the cost of sampling event is greater than the benefit for the PH01 metering station. As calculated, the cost of maintaining sampling events at PH01 is 0.90% of the total sampling cost for SROG, but only has a benefit of 0.02%. Therefore, the costs outweigh the benefits for maintaining PH01.

PH01 is located near University and 47th Place. It is a City of Phoenix property, a hotel that sends flow through the Tempe interceptors. The purpose of this metering station is to monitor the flows being sent from the Phoenix hotel to SROG, which pass through TP04 and enter the SRO intercept line.

The recommendation related to PH01 is:

- Adopt an average flow, COD and TSS loading values based on historical data to be used for billing purposes (see table below)
- Sample every five years to validate the values

Average Flow (MGD)	COD (mg/L)	COD (lbs/day)	TSS (mg/L)	TSS (lbs/day)
0.12	727.0	728.0	327.1	332.2

RECOMMENDATION

In an email dated October 16, 2023, the SROG Advisory Committee recommended that:

the SROG Committee authorize the City of Phoenix to decommission metering station PH01 and adopt an average flow, COD and TSS loading values based on historical data to be used for billing purposes. Funds for these services are available in the City of Phoenix CIP Budget for Fiscal Year 2024-25 using billing schedule 32 with the following percentages: Glendale 0% Mesa 0%, Phoenix 100%, Scottsdale 0% and Tempe 0%.

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