



SUB-REGIONAL OPERATING GROUP (SROG) Advisory Committee

MEETING NOTICE AND TENTATIVE AGENDA

Thursday, October 17, 2024 – 1:00 p.m.

**Arizona Municipal Water Users Association
Board Room**

**3003 North Central Avenue, Suite 1550
Phoenix, Arizona 85012**

A. Call to Order—Ms. Patty Kennedy, Chair, Phoenix

B. General Business—Items for Discussion and Possible Action

1. Approval of the Minutes from the September 19, 2024 Meeting
2. Schedule Next Meeting Date: Thursday, November 21, 2024, at 1:00 p.m.
3. Information Items
 - a. Multi-City Project Analysis of the 91st Avenue WWTP
 - b. Aging Report
 - c. Statement of Revenues and Expenses
 - d. JEPA Reporting Requirement – ANPP Flow Demand Projection

4. Calibration Report Fiscal Year 2023-24

The Calibration Report for Fiscal Year 2023-23 will be presented for acceptance.

5. Flow and Load Projections for Fiscal Year 2025-26

The flow, COD and TSS loading projections for the 91st Avenue WWTP for Fiscal Year 2025-26 will be presented for acceptance.

6. Process Control Improvement WS90100113

The City of Phoenix is requesting approval of project 90100113, Process Control Improvements.

7. BIC Fourth Option Renewal

The City of Phoenix will request authorization to exercise the third option of the 1994 agreement with the Buckeye Irrigation Company to provide 20,000 acre-feet of SROG effluent from the 91st Avenue WWTP to the BIC regarding the terms of the agreement for the years 2026 through 2030.

C. Future Agenda Items

D. Adjournment

SROG ADVISORY COMMITTEE
MEETING MINUTES
September 19, 2024

MEMBERS

Patty Kennedy, Chair, Phoenix
Craig Caggiano, Tempe
Brian Draper, Mesa
Julia Campo for Kevin Rose, Scottsdale
Mark Roye, Glendale

OTHERS

Simon Amavisca, Phoenix	Arno Leskinen, Consor
Michelle Barclay, AMWUA	John Masche, Phoenix
Araceli Canez, Phoenix	Nashita Naureen, Stantec
Tara Gonzales, Phoenix	Peter Torres, Phoenix
Mark Lee, Consor	Peter Tymkiw, Arcadis

A. Call to Order

Ms. Kennedy called the meeting to order at 1:07 p.m.

B. General Business – Items for Discussion and Possible Action

1. The next SROG Advisory Committee meeting was scheduled for Thursday, October 17, 2024, 1:00 p.m.
2. Information Items

There were no comments on the information items.

4. WS90100111 Solids Phase I Update

Mr. Tymkiw of Arcadis, provided an update on the progress of the Solids Rehab Phase I. He reminded everyone of the GMPs that have been issued. GMP one was the dewatering, centrifuge procurement and commissioning activities. GMP two is boiler building one and two improvements. GMP three was solids thickening, building and associated equipment

improvements. GMP four was solids handling, or the solids dewatering facilities. GMP five is odor control.

Mr. Tymkiw provided progress updates on each GMP. GMP one is centrifuge procurement and is 70% complete. The machines have been purchased and are on site, some of them are installed, some are in storage. There's still about 30% of the work on GMP one left to do. GMP two, the boiler buildings, is about 50% completed. Most of the work in boiler building two is moving forward, and that work is seasonal. GMP three, solids thickening, as well as the GMP four solids handling rehab, are just essentially getting started, a little over 10% complete. GMP five is just getting started with notice to proceed coming shortly.

The schedule update shows GMP two, boiler building rehab, will be substantially complete by summer 2026. GMP three, solids thickening, is scheduled complete in January 2027. And GMP five, odor control, will finish up in early 2027. GMP 1 is expected to be completed in April 2027, where we would have all five new dewatering machines, all five rehabbed and/or new cake pumps installed, all control panels etc., ready to go in April of 2027.

Mr. Draper asked if the location of the biofilter would possibly have a conflict on site with a new building. Mr. Tymkiw responded that will not be an issue.

5. WS90160107 SAI Assessment Update

Mr. Lee of Consor, gave an update on the SAI Assessment. He stated that the SAI is within the city of Phoenix limits, basically 48th Street and Southern, west to the 91st Avenue wastewater treatment plant. He stated that the pipe was cleaned, and then they mounted a camera to a boat and floated it down the pipe. The assessment found no wire breaks in the two 51st Ave siphon pipes, which is good news. The project includes 98,500 feet of pipe and 153 structures and manholes. They are at about 95% completion.

Mr. Leskinen stated that the manhole assessment found that most manholes are in good condition, however 23 manholes have grade five recessed covers, the criteria for grade five being the manhole is recessed an inch or more from the surface which creates a safety issue. Mr. Leskinen said he believes Phoenix has already addressed ten of them so far and the others are under evaluation.

Mr. Leskinen said that the concern is the grade fours and the grade fives, because that's where potential issues are, and that we really need to start looking at budgeting funds to get those replaced as soon as possible. With grade five, the manhole is physically compromised with possible voids and exposed substrate. Grade four is a little bit better, without concrete substrate that's missing. The draft report is for 115 manholes. 7 of the 153 manholes could not be located or accessed, data for 25 manholes was recently received and is under review, and they are waiting on data for the remaining 6 manholes. Mr. Leskinen explained if you just look at the interior of the manhole structure, there are

no grade five manholes, and only 5% of them are grade four which is really good news. The rest of them are grades one through three. However, it is required that they take the frame and cover condition into consideration when doing the overall assessment of a manhole. When doing that, there's about a third of the manholes that suddenly become grade four or grade five, and that's strictly due to the conditions and the frames and covers. Even with that said, the majority of these are pretty good and frames and covers can be addressed fairly easily.

The total estimated costs for repairs, not including the optional frame and cover and chimney rehabilitation, is \$1,195,545. The total estimated costs for repairs, including this optional rehabilitation is \$1,536,931. Possible Rehabilitation Alternative is Cured-in-Place manhole inserts which is \$2,200/vertical foot for 48" pipe and \$2,600/vertical foot for 60" pipe.

Mr. Lee stated that the pipe inspection found significant defects, including detached joint strips and bulges, which require urgent repair. The pipe inspection found roughly 1,200 defects, with 11% being grade fives, which are the most significant. The rehab rating system prioritizes repairs based on the severity of defects and the quantity of defects. The recommended rehab methods include point repair and cured in place pipe (CIPP). The cost estimate for the pipe rehab is \$87.5 million over six years.

The total cost projection of all SAI rehabilitation recommendations is \$89,135,000 over 6 years, including work on both the pipe and manholes.

6. WS90100119 Solids Handling Facility – Conceptual Design

Mr. Masche discussed the need for a new solids handling facility. He explained that the existing solid handling facility was constructed in the early 1990s and is at the end of its useful life as the facility is structurally deficient, is process inefficient, and has numerous issues with plumbing, mechanical, HVAC and electrical systems. Deficient items were noted in the 2018 Facility Assessment, and the need for new facility was discussed in assessment updates in 2021 and 2024. This resulted in putting together a project for a new solids handling facility that was added that to the 10 year prioritized plan 2021.

Mr. Masche explained that the scope will identify a location for the new building that makes the most sense from a process standpoint. He said we will be moving over the five new centrifuges that are being installed right now, but other equipment needs to be determined. Additionally, we also need cost estimates, cost models, and construction scheduling, so that we can properly move this project forward. The request is approval to advertise, select, negotiate a scope of work and fee for professional consultant services to perform a study and conceptual engineering design for a new solids handling facility. Funds for these services will be budgeted in New Project Number WS90100119, not to exceed \$1.5 million. These funds are currently budgeted in fiscal year 2025-26 and billing schedule 56.

Mr. Draper referred to the recent assessment report that identified the need for a new solids handling facility but stated that it doesn't cash flow until fiscal year 2026-27. He stated that Mesa wasn't expecting their share of this \$1.5 million expense to begin sooner. Mr. Draper also said that his management is going to point out that we just spent a lot of money on the existing facility, and now we are looking at a new one, which could look like we threw good money at something bad. Mr. Draper is concerned about having to scrap some pieces of equipment that were just put into the existing facility, and he needs a little more convincing that we need to get moving on this conceptual design next year.

Mr. Masche responded the conceptual design study was put together to answer a lot of the questions that are being asked about equipment, reusing equipment, being able to move it over to a new building etc. The start of the design effort for the new building is in fiscal year 2026-27 but that budget is spread out, over six or seven years, but he said we don't want to delay beginning work to move in this direction. Mr. Masche stated that we don't want to wait to answer some of these questions too long, because we have issues in the existing building and we're trying to be effective stewards and make sure that we are utilizing SROG funds appropriately.

Mr. Roye asked if anyone has looked at what it would cost to keep the existing building going for at least the lifetime of the new equipment. He is concerned we are sinking a ton of money into the old building and not going to get the value out of it. Mr. Roye said he feels we should evaluate what it would take now that we put all this money into the existing building, to keep it going for some extended length of time. He would also like to see the dollar value associated with the process inefficiencies. He asked if there is an ROI on this new building.

Mr. Masche responded that there is not a dollar value or cost estimate for what it would take to rehab the existing Solids Handling Facility to give us another 20 plus years of life. Mr. Masche stated that they budgeted about \$450 million for the building, but it may be closer to \$475 million. Mr. Roye stated that he is in agreement with Mr. Draper and would like more information. Mr. Masche replied that we can fold that into the study and conceptual design effort. Mr. Roye asked if it is possible to get that information before proceeding with the study.

Ms. Kennedy asked if Mr. Roye is suggesting Phoenix come back next month with a plan to get someone through the on-call process to get to run some of these numbers with a not to exceed number of \$400,000-500,000. Mr. Roye responded that he hates to throw a dollar value out there, but he thinks that would be beneficial as we are collectively committing to something in excess of \$400 million. Mr. Roye said he would like to see something that looks at the old building and the new building and weighs the pros and cons. Mr. Draper responded that he doesn't think the effort will be that big. Mr. Masche stated that he can explore options for getting those answers. Mr. Draper said that would be great, as he is going to have to justify this project.

Ms. Kennedy stated that we have been kicking the can down the road and kind of band aiding the facility along the way. Mr. Masche stated that the consultant noted the facility was nearing the end of its useful life in 2018, and there was work to be done in the Solids Handling Facility to keep it going long enough to build a new one, all of which was noted in the 2018 assessment. In 2021 the new solids handling facility was put in the ten year planning.

Mr. Draper stated that he agrees with Mr. Masche but in the May 2021 reprioritization presentation, the cash flow showed this project beginning in fiscal year 2028-29, and the 2024 update showed the cash flow for this starting in fiscal year 2026-27 and now Phoenix is asking for this upfront. He is not saying this project isn't needed, he just needs justification for this unexpected expense at this time. Mr. Draper said that without that, he is going to have to be a no. Ms. Kennedy responded that they will look at quantifying the inefficiencies and see how long we can stretch this building. Mr. Draper responded maybe the building can't be stretched but it would be nice to weigh the options and see what that looks like.

7. WS90160111 SRO Interceptor Capacity (Segments 11, 12, 13)

Mr. Amavisca stated that he was requesting approval to advertise, select, and negotiate scope of work and fee for construction manager at risk services for the SRO interceptor capacity improvements.

Mr. Amavisca gave some background on this request. In April this year, Phoenix received approval for the design, CA&I, and CMAR, pre-construction services for the SRO interceptors sections 11, 12, and 13. Once Mr. Amavisca started the procurement process and submitted a request for services, it was determined that CMAR construction services should be added to this request. This will save time in the procurement process.

Mr. Amavisca stated that this project is funded in the cash flow. It was originally approved as 90160084, but the project number was changed to 90160111 with the introduction of a new billing schedule. However, due to an unforeseen computer system issue, we need to change the project number instead to 90160113, still using Billing Schedule 67.

Upon a motion by Ms. Kennedy, a second by Mr. Caggiano, and unanimous approval, the SROG Advisory Committee authorized the City of Phoenix to accept a new project number for services related to the SRO Interceptor Capacity Improvement Parallel Pipe project. The new project number WS90160113 will replace WS90160111. Funds for these services are budgeted in the SROG CIP Cash Flow beginning Fiscal Year 2024/25. New Project will be billed per Billing Schedule 67 with the following percentages: 0% Glendale, 5.8% Mesa, 57.8% Phoenix, 5.8% Scottsdale, and 30.6% Tempe

Upon a motion by Ms. Kennedy, a second by Ms. Campo, and a majority approval, the SROG Advisory Committee authorized the City of Phoenix to advertise, select and negotiate scope

of work and fee, for construction services for CMAR Services related to SRO Interceptor Capacity project (SRO Segments 11,12,13) for an amount not to exceed \$61,000,000. Funds for these services are available in the SROG CIP Cash Flow starting Fiscal Year 2026/27. The project number is WS90160113 using billing schedule 67 with the following percentages: Glendale 0.0%, Mesa 5.8%, Phoenix 57.8%, Scottsdale 5.8%, and Tempe 30. Glendale abstained.

C. Future Agenda Items

There was no discussion of this item.

D. Adjournment

Upon a motion by Ms. Kennedy a second by Mr. Draper and unanimous approval, the meeting adjourned at 1:58 p.m.

Multi-City Project Analysis
Detail of Expenditures As of August 31, 2024

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
WS90100052	91st Ave-Two Phase Digester Study	0.00	8,395,331.23	0.00	8,395,331.23
WS90100092	91st Ave Instrumntation & Control	58,104.04	7,654,352.06	2,678,877.75	10,333,229.81
WS90100093	91st Ave WWTP Pipe/Equip Coating	11,445.00	5,782,798.07	390,517.05	6,173,315.12
WS90100094	91st Ave WWTP Safety	3,505.00	6,102,162.54	755,791.60	6,857,954.14
WS90100095	91st Ave WWTP Work & Asset Mgt	162.50	632,333.57	1,214,430.87	1,846,764.44
WS90100098	91st Ave Solar Drying Beds Imprvmnts	0.00	5,143,596.81	0.00	5,143,596.81
WS90100099	91st Ave Groundwater Wells Imprvmnts	0.00	6,096,648.43	0.00	6,096,648.43
WS90100100	91st Ave Support Facilities Rehab	166,779.24	11,066,994.74	2,576,111.82	13,643,106.56
WS90100101	91st Ave Process Piping Rehab	31,526.00	11,809,077.11	3,465,001.11	15,274,078.22
WS90100103	Toxicity Identification Evaluation	1,674.25	42,139.96	90,508.00	132,647.96
WS90100104	Multi-Phase Process Improvements	0.00	3,196,866.98	40,000.00	3,236,866.98
WS90100105	91st Ave WWTP Process Control 2016	59,330.24	8,187,971.01	973,506.27	9,161,477.28
WS90100106	91st Ave WWTP Fire Safety	8,235.00	7,429,646.70	2,044,629.17	9,474,275.87
WS90100107	91st Ave WWTP Facility Assessment	180.00	2,069,526.79	23,643.67	2,093,170.46
WS90100109	91st Ave WWTP Facility Rehab	605,330.00	17,436,760.46	4,047,824.42	21,484,584.88
WS90100111	91st Ave WWTP Solids Rehab Phase 1	904,618.13	18,158,995.35	38,696,793.29	56,855,788.64
WS90100112	91st Ave WWTP Plant 2B Rehab	3,518,787.69	43,164,899.96	41,401,250.04	84,566,150.00
WS90100115	91st Ave WWTP Master Plan	4,233.50	591,128.45	520,922.88	1,112,051.33
WS90120037	91st Ave WWTP Local Limits Study 12-13	1,086.00	4,471.75	198,557.56	203,029.31
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	7,740.00	2,840,757.55	138,818.29	2,979,575.84
WS90160084	SROG Interceptor Capacity Improvements	0.00	655,074.36	0.00	655,074.36
WS90160094	Scottsdale Princess Mtr Stn-1	0.00	1,137,726.38	0.00	1,137,726.38
WS90160095	SRO Sanitary Sewer Rehab FY2017/18	0.00	5,094,688.00	0.00	5,094,688.00
WS90160098	Glendale GL02 Metering Station	5,400.00	2,872,865.62	611,517.22	3,483,400.49
WS90160100	SAI 51 Ave Siphons Assessment SROG	0.00	1,498,273.30	0.00	1,498,273.30
WS90160104	SAI Segments 14 & 16 MH Rehab	0.00	131,555.91	0.00	131,555.91
WS90160106	SRO Condition Assessment	14,258.15	116,577.87	1,449,520.38	1,566,098.25
WS90160107	SAI Condition Assessment	352,731.96	1,262,268.46	697,207.54	1,959,476.00
Total		5,755,126.70	240,988,991.19	102,015,428.93	343,004,420.12

MULTI-CITY PROJECT ANALYSIS
 DETAIL OF OUTSTANDING CONTRACTS AS OF
 AUGUST 31, 2024
 TABLE II

PROJECT INDEX	CONTRACT NUMBER	VENDOR	CONTRACT AMOUNT	CHANGE ORDER AMOUNT	LIQUID ENCUMBR	OUTSTANDNG CONTRACT AMOUNT
<u>WS90100092 - 91ST AVE INSTRUMNTATION & CONTROL</u>						
	154042	WILSON ENGINEERS LLC	5,000,000.00		2,321,122.25	2,678,877.75
			9,949,990.06	(217,831.46)	7,053,280.85	2,678,877.75
<u>WS90100093 - 91st Ave WWTP Pipe/Equip Coatin</u>						
	149652	RFI CONSULTANTS LLC	300,000.00		171,641.95	128,358.05
	155549	PCL CONSTRUCTION INC	275,009.00		12,850.00	262,159.00
			6,236,395.26	(592,168.05)	5,253,710.16	390,517.05
<u>WS90100094 - 91ST AVE WWTP Saftey</u>						
	147478	WATER WORKS ENGINEERS LLC	332,917.26	(82,917.26)	249,854.06	145.94
	149651	LUDVIK ELECTRIC COMPANY	21,695.00		0.00	21,695.00
	155549	PCL CONSTRUCTION INC	887,086.00		448,254.00	438,832.00
	155878	WATER WORKS ENGINEERS LLC	200,000.00		31,201.06	168,798.94
	155879	EIC ENGINEERS LLC	150,000.00		23,680.28	126,319.72
			6,670,078.94	(201,583.67)	5,634,983.39	755,791.60
<u>WS90100095 - 91ST AVE WWTP WORK & ASSET MGT</u>						
	158806	WILSON ENGINEERS LLC	882,000.00		241,950.04	640,049.96
	4400705877	PROCESS SOLUTIONS ASSURANCE	93,150.75		60,952.98	32,197.77
	4401001345	GUIDESOFT INC	68,887.10		0.00	68,887.10
	4400849779	TMG UTILITY ADVISORY SERVICES INC	512,908.08		58,476.04	454,432.04
	4401016799	LANCESOFT INC	18,864.00		0.00	18,864.00
			1,799,676.09	(170,831.16)	414,414.06	1,214,430.87
<u>WS90100099 - 91ST AVE WWTP Groudwater Wells Impr</u>						
	142404	CLEAR CREEK ASSOCIATES, LLC	312,893.00	(15,868.75)	297,024.25	0.00
			5,577,092.26	(37,607.37)	5,539,484.89	0.00
<u>WS90100100 - 91ST AVE SUPPORT FACILITIES REHAB</u>						
	147478	WATER WORKS ENGINEERS LLC	350,000.00	(100,000.00)	249,869.34	130.66
	155549	PCL CONSTRUCTION INC	2,578,950.00		723,999.00	1,854,951.00
	155878	WATER WORKS ENGINEERS LLC	300,000.00		934.42	299,065.58
	155879	EIC ENGINEERS LLC	150,000.00		0.00	150,000.00
	4400945145	KING JR, TIMOTHY B	14,731.83		14,731.83	0.00
	4400952614	PROGRESSIVE SERVICES INC	235,260.00		0.00	235,260.00
	4400986515	KING JR, TIMOTHY B	35,478.25		35,478.25	0.00
	4400986516	KING JR, TIMOTHY B	1,600.00		0.00	1,600.00
	4400995024	PRECISION INTEGRATED SYSTEMS INC	11,286.16		11,286.16	0.00
	4400995025	INSTRUMENTATION AND CONTROLS LLC	22,888.00		22,888.00	0.00
	4400978084	KING JR, TIMOTHY B	17,552.29		0.00	17,552.29
	4400978083	KING JR, TIMOTHY B	17,552.29		0.00	17,552.29
			13,267,158.30	(177,389.17)	10,513,657.31	2,576,111.82

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<u>WS90100101 - 91ST AVE PROCESS PIPING REHAB</u>						
	147881	BROWN & CALDWELL	2,400,000.00	(400,000.00)	1,250,172.61	749,827.39
	147891	PCL CONSTRUCTION INC	6,094,720.00		5,980,621.28	114,098.72
	155549	PCL CONSTRUCTION INC	5,771,748.00		3,170,673.00	2,601,075.00
	4401008033	RCI SYSTEMS LLC	13,016.00		13,016.00	0.00
			15,103,279.41	(400,000.00)	11,238,278.30	3,465,001.11
<u>WS90100103 - 91AV TOXICITY ID EVALUTN</u>						
	144947	HAZEN AND SAWYER P.C.	100,000.00		9,492.00	90,508.00
			100,000.00	0.00	9,492.00	90,508.00
<u>WS90100104 - Multi-Phase Process Improvement</u>						
	147891	PCL CONSTRUCTION INC	475,000.00		435,000.00	40,000.00
			3,127,388.00	(267.52)	3,087,120.48	40,000.00
<u>WS90100105 - 91st Ave WWTP Process Control</u>						
	147478	WATER WORKS ENGINEERS LLC	400,000.00	(125,000.00)	274,689.20	310.80
	147479	EIC ENGINEERS LLC	400,000.00	(125,000.00)	261,795.37	13,204.63
	155878	WATER WORKS ENGINEERS LLC	400,000.00		0.00	400,000.00
	155549	PCL CONSTRUCTION INC	2,130,563.00		1,702,212.00	428,351.00
	155879	EIC ENGINEERS LLC	150,000.00		18,360.16	131,639.84
			9,278,150.00	(450,906.00)	7,853,737.73	973,506.27
<u>WS90100106 - 91st Ave WWTP Fire Safety</u>						
	147890	FELIX CONSTRUCTION CO	1,800,000.00		1,710,000.00	90,000.00
	155547	FELIX CONSTRUCTION CO	3,812,295.00		1,857,665.83	1,954,629.17
			9,175,974.98	(850.58)	5,272,829.40	2,044,629.17
<u>WS90100107 - 91WTP FCLTY ASSMT S-43505</u>						
	157194	ARCADIS US INC	227,961.00		204,317.33	23,643.67
			1,911,199.00	(34,672.30)	1,852,883.03	23,643.67
<u>WS90100109 - 91st Ave WWTP Facility Rehab</u>						
	4400995022	FERFUSON US HOLDINGS INC	15,209.71		0.00	15,209.71
	147891	PCL CONSTRUCTION INC	7,717,737.00	(5,676.00)	7,472,501.00	239,560.00
	149651	LUDVIK ELECTRIC COMPANY	1,895,398.58		1,386,136.87	509,261.71
	155549	PCL CONSTRUCTION INC	7,259,947.00		3,976,154.00	3,283,793.00
			21,334,691.42	(42,023.38)	17,244,843.62	4,047,824.42
<u>WS90100111 - 91st Ave WWTP Solids Rehab Phase 1</u>						
	152491	ARCADIS US INC	15,275,474.60	(5,129,022.91)	6,249,165.20	3,897,286.49
	153445	PCL CONSTRUCTION INC	46,836,544.14	(2,000,000.00)	10,037,037.34	34,799,506.80
			63,960,521.74	(7,828,916.03)	17,434,812.42	38,696,793.29
<u>WS90100112 - 91st Ave WWTP Plant 2 Rehab</u>						
	153379	HAZEN AND SAWYER P.C.	9,821,321.89		5,734,366.15	4,086,955.74
	157028	MCCARTHY BUILDING COMPANIES INC	73,500,000.00		36,185,705.70	37,314,294.30
			83,983,299.63	0.00	42,582,049.59	41,401,250.04
<u>WS90100115 - 91st Ave WWTP Master Plan</u>						
	157696	ARCADIS US INC	1,031,828.08		510,905.20	520,922.88
			1,031,828.08	0.00	510,905.20	520,922.88

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<u>WS90120037 - 91st Ave WWTP Local Limits Study</u>						
	157217	HAZEN AND SAWYER P.C.	198,557.56		0.00	198,557.56
			<u>198,557.56</u>	0.00	<u>0.00</u>	<u>198,557.56</u>
<u>WS90140016 - Tres Rios Rehab and Replacement</u>						
	147891	PCL CONSTRUCTION INC	193,920.00		193,004.00	916.00
	153194	WATER WORKS ENGINEERS LLC	84,807.42		84,057.83	749.59
	147890	FELIX CONSTRUCTION CO	1,403,189.00		1,333,029.55	70,159.45
	155549	FELIX CONSTRUCTION CO	108,980.00		87,483.00	21,497.00
	155547	FELIX CONSTRUCTION CO	539,830.00		512,838.50	26,991.50
	4401016952	HACH COMPANY	18,504.75		-	18,504.75
			<u>2,762,028.33</u>	(7,229.84)	<u>2,615,980.20</u>	<u>138,818.29</u>
<u>WS90160098 Glendale GL02 Metering Station</u>						
	152493	WILSON ENGINEERS LLC	400,000.00		387,422.65	12,577.35
	159940	WILSON ENGINEERS LLC	400,000.00		0.00	400,000.00
	147890	FELIX CONSTRUCTION CO	1,864,658.00		1,665,718.13	198,939.87
			<u>3,442,691.50</u>	(52,665.83)	<u>2,778,508.45</u>	<u>611,517.22</u>
<u>WS90160106 Salt River Outfall (SRO) Condition Assessment</u>						
	4400996807	SECURITY TITLE AGENCY INC	557.00		557.00	0.00
	160336	CONSOR NORTH AMERICA INC	1,449,520.38	0.00	0.00	1,449,520.38
			<u>1,450,077.38</u>	0.00	<u>557.00</u>	<u>1,449,520.38</u>
<u>WS90160107 Southern Ave Interceptor (SAI)</u>						
	159748	WACO LLC	97,900.00		36,676.41	61,223.59
	157885	PROJECT ENGINEERING CONSULTANTS LTD	1,700,000.00	0.00	1,064,016.05	635,983.95
			<u>1,797,900.00</u>	0.00	<u>1,100,692.46</u>	<u>697,207.54</u>
GRAND TOTAL						<u>\$102,015,428.93</u>

Multi-City Subregional Operating Group (SROG)
Customer Aging Report as of September 30, 2024

<i>Customer Number</i>	<i>Fund</i>	<i>City</i>	<i>Description</i>	<i>Invoice Number</i>	<i>Date Mailed</i>	<i>Current Invoice</i>	<i>Current Balance</i>	<i>-----Past Due-----</i>		
								<i>1-30 Days</i>	<i>31-60 Day</i>	<i>61-90 Days</i>
10000007	415	Glendale	Capital Projects	401015039	9/1/2024	377,291.00	0.00	0.00	0.00	0.00
10000001	20	Glendale	Operations & Maintenance	401015521	9/25/2024	382,946.00	382,946.00	0.00	0.00	0.00
10000008	416	Mesa	Capital Projects	401015040	9/1/2024	817,777.50	0.00	0.00	0.00	0.00
10000003	20	Mesa	Operations & Maintenance	401015522	9/25/2024	888,569.00	0.00	0.00	0.00	0.00
10000009	417	Scottsdale	Capital Projects	401015041	9/1/2024	593,764.33	593,764.33	0.00	0.00	0.00
10000002	20	Scottsdale	Operations & Maintenance	401015523	9/25/2024	340,531.00	340,531.00	0.00	0.00	0.00
10000000	20	Tempe	Operations & Maintenance	401015524	9/25/2024	639,338.00	639,338.00	0.00	0.00	0.00

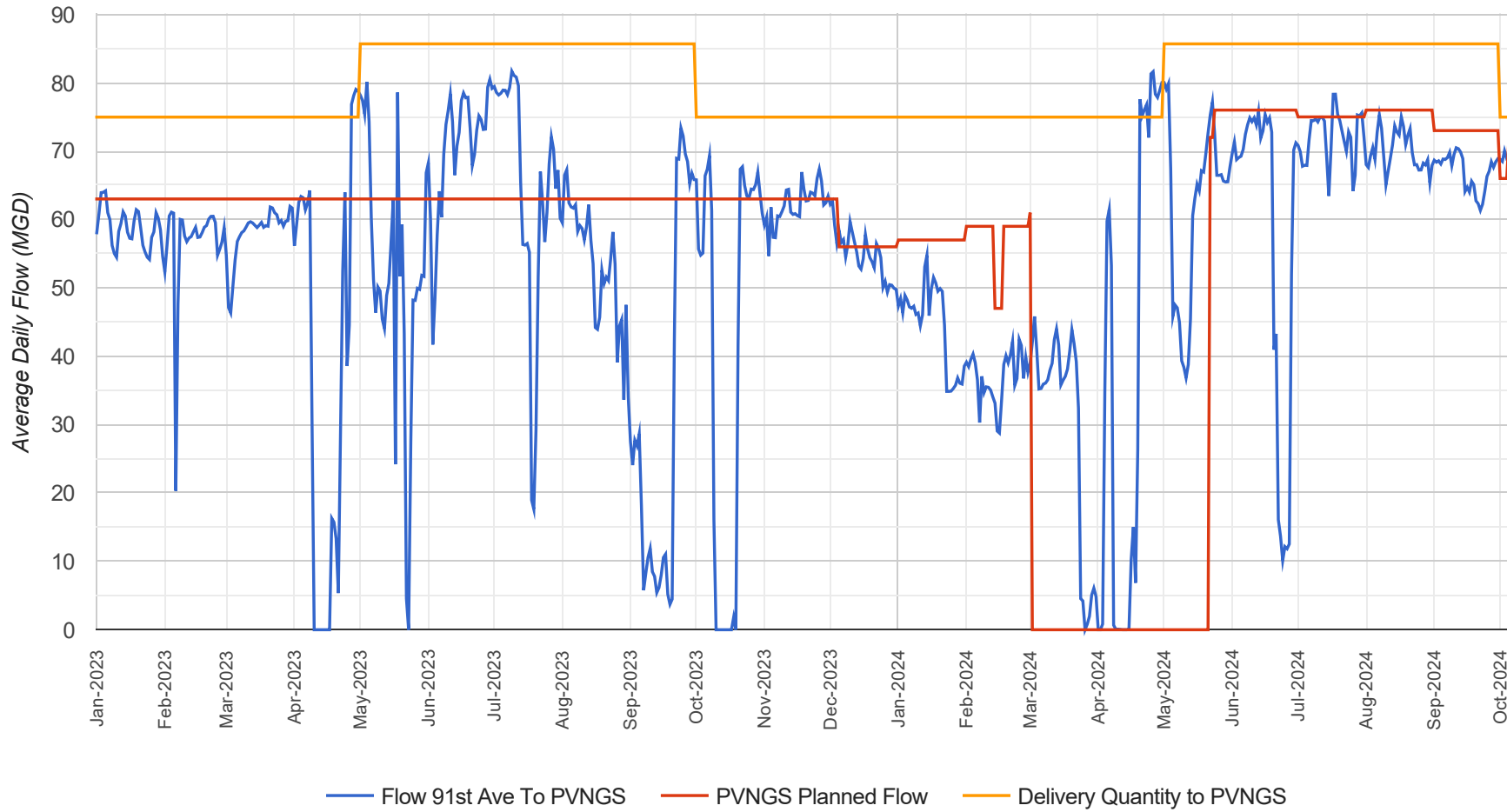
Source: SAP preview of payments
 Prepared by City of Phoenix Utilities Accounting

**MULTI-CITY SUBREGIONAL OPERATING GROUP (SROG)
STATEMENT OF REVENUES AND EXPENSES (*)
FOR THE SECOND MONTH ENDED AUGUST 31, 2024**

Revenues:	AUGUST 2024	Fiscal Year-To-Date
	STMT 4/4	STMT 2/4
Sewer Service Charges:		
Glendale	\$ 382,946	\$ 766,277
Mesa	888,569	1,755,338
Phoenix	4,394,397	8,464,544
Scottsdale	340,531	645,941
Tempe	639,338	1,240,570
Total Sewer Service Charges	6,645,781	12,872,670
Sales of Effluent	1,751,292	3,415,008
Interest Earnings (Expense)	53,604	127,927
Other	-	-
Total Revenues	8,450,677	16,415,605
 Expenses:		
Operations and Maintenance	6,365,757	11,195,061
Replacement Capital Outlay	666,667	1,333,334
General Administration	802,475	1,595,637
Total Expenses	7,834,899	14,124,032
Net Income (Loss)	\$ 615,778	\$ 2,291,573

*Note: This statement is not prepared in conformity with generally accepted accounting principles (GAAP). It is intended to reflect the monthly financial status for compliance with provisions of Intergovernmental Agreement No. 22699 (JEPA).

PVNGS Planned Daily Flow Obligations vs. Actual Flow



Daily Planned Reclaimed Water Commitments by User - Sep 2024

Date	Planned Demand		Daily Planned Commitments by SROG City (MGD) (Approximating Latest JEPA Negotiations)					Actual SROG to PVNGS (MGD)
	PVNGS Demand (MGD)	Total Demand (MGD)	Glendale	Mesa	Phoenix	Scottsdale	Tempe	
09-01-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	68.7
09-02-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	68.4
09-03-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	68.6
09-04-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	68.1
09-05-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	68.8
09-06-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	68.8
09-07-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	69
09-08-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	69.8
09-09-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	67.9
09-10-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	69.5
09-11-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	70.5
09-12-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	70.3
09-13-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	69.9
09-14-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	68.9
09-15-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	64.1
09-16-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	64.7

Daily Planned Reclaimed Water Commitments by User - Sep 2024

Date	Planned Demand		Daily Planned Commitments by SROG City (MGD) (Approximating Latest JEPA Negotiations)					Actual SROG to PVNGS (MGD)
	PVNGS Demand (MGD)	Total Demand (MGD)	Glendale	Mesa	Phoenix	Scottsdale	Tempe	
09-17-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	64
09-18-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	65.6
09-19-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	65.1
09-20-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	62.7
09-21-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	62.3
09-22-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	61.3
09-23-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	62.2
09-24-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	64.1
09-25-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	66.3
09-26-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	67.1
09-27-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	68.4
09-28-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	67.6
09-29-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	68.4
09-30-2024	73	104.1	7.2	12.7	62.7	8.2	13.3	68.9
10-01-2024	66	90.6	6.2	11	54.7	7.1	11.6	68.8
10-02-2024	66	90.6	6.2	11	54.7	7.1	11.6	68.5

Daily Planned Reclaimed Water Commitments by User - Sep 2024

Date	Planned Demand		Daily Planned Commitments by SROG City (MGD) (Approximating Latest JEPA Negotiations)					Actual SROG to PVNGS (MGD)
	PVNGS Demand (MGD)	Total Demand (MGD)	Glendale	Mesa	Phoenix	Scottsdale	Tempe	
10-03-2024	66	90.6	6.2	11	54.7	7.1	11.6	70
10-04-2024	66	90.6	6.2	11	54.7	7.1	11.6	68.9
10-05-2024	72	96.6	6.6	11.8	58.3	7.6	12.4	69.1
10-06-2024	72	96.6	6.6	11.8	58.3	7.6	12.4	28.8
10-07-2024	0	24.6	1.5	2.8	15.5	1.8	3	0
10-08-2024	0	24.6	1.5	2.8	15.5	1.8	3	0
10-09-2024	0	24.6	1.5	2.8	15.5	1.8	3	0