

# PUBLIC MEETING AGENDA

## Sustainability & Resilience Commission

### MEETING DATE

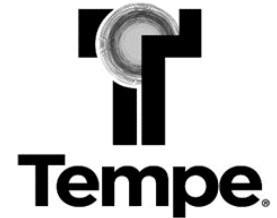
Monday, October 17, 2022  
 4:30 pm – 6:30 pm

### MEETING LOCATION

**Microsoft Teams meeting**  
 Join on your computer or mobile app  
[Click here to join the meeting](#)  
**Or call in (audio only)**  
[+1 480-498-8745,,565023865#](#) United States, Phoenix  
 Phone Conference ID: 565 023 865#  
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AGENDA ITEM	PRESENTER	ACTION or DISCUSSION
<b>1. Welcome New Members and Mission of SRC</b> – The Chair opens the Sustainability and Resilience Commission meeting to new members and provides an overview of the Commissions mission.	Kendon Jung, Commission Chair (4:30 – 4:33 pm)	
<b>2. Public Appearances</b> The Sustainability Commission welcomes public comment for items listed on this agenda. There is a <i>three-minute time limit</i> per citizen	Kendon Jung, Commission Chair (4:33 – 4:35 pm)	
<b>2. Approval of Meeting Minutes</b> The Commission will be asked to review and approve meeting minutes from the September 19, 2022 meeting.	Kendon Jung, Commission Chair (4:35 – 4:37 pm)	Action
<b>3. 2022 Water, Wastewater, Stormwater Rate Study Recommendations</b>	Tara Ford, Municipal Utilities Director Stephen White, Municipal Utilities Business Manager (4:38 – 5:15pm)	Discussion
<b>4. USDA Grow Local Tempe Grant Overview</b>	Maddie Mercer, Neighborhood Resilience Coordinator (5:15 – 5:45pm)	Discussion
<b>5. Board and Commission Annual Report to Council</b>	Brianne Fisher, Climate Action Manager (5:45-6:15pm)	Discussion
<b>6. Housekeeping Items</b> November 21 SRC Meeting (move or keep) Updated Green Codes Schedules – IgCC, EV, Solar	Kendon Jung, Commission Chair Brianne Fisher, Climate Action Manager (6:15 – 6:20 pm)	Discussion
<b>7. Future Agenda Items</b> Commission may request future agenda items.	Kendon Jung, Commission Chair (6:20 – 6:25 pm)	Action

According to the Arizona Open Meeting Law, the Sustainability Commission may only discuss matters listed on the agenda. The City of Tempe endeavors to make all public meetings accessible to persons with disabilities. With 48 hours advance notice, special assistance is available at public meetings for sight and/or hearing-impaired persons. Please call 350-2775 (voice) or 350-8400 (TDD) to request an accommodation to participate in a public meeting.



## Minutes

### City of Tempe Sustainability Commission September 19, 2022

Minutes of the Tempe Sustainability Commission meeting held on Monday, September 19, 2022, 4:30 p.m. at a virtual meeting on MS Teams, through City Hall, 31 E. 5<sup>th</sup> Street, Tempe, Arizona.

**(MEMBERS) Present:**

Kendon Jung (Chair)  
Barbie Burke  
Natalie Mendoza  
Katja Brundiers

Meaghan Coon  
Jake Swanson  
Shawn Swisher

**(MEMBERS) Absent:**

**City Staff Present:**

Brianne Fisher  
Eric Iwersen  
Evelyn Brumfield  
Maddie Mercer  
Andrea Escobar

**Guests Present:**

David Sokolowski  
Megan Swing  
Greg Kinkel  
Athavan Rajasundaram

Vice Chair Burke called the meeting to order at 4:31 p.m.

### **Agenda Item 1 – Public Appearances**

David Sokolowski spoke and asked that the sentence “We need to facilitate the transition to EV’s” be removed from his statement in the minutes from the last commission meeting in order to better represent what he said.

Megan Swing, a graduate student at the ASU Cronkite School introduced herself. She is pursuing her master’s in mass communication and is covering this meeting for her assignment. She studied sustainability for her undergraduate degree. She will be covering the meeting and asking some questions.

### **Agenda Item 2 – Approval of Meeting Minutes**

Vice Chair called for a motion to approve the minutes from August 15, 2022.

**Motion:** Meaghan Coon

**Second:** Katja Brundiars

**Decision:** Approved 7-0

#### **Voted to Approve:**

Kendon Jung (Chair)

Natalie Mendoza

Shawn Swisher

Katja Brundiars

Jake Swanson

Barbie Burke

Meaghan Coon

### **Agenda Item 3 – General Plan 2050- Tempe Tomorrow Overview**

Robbie Aaron from the long-range planning division presented the Tempe General Plan 2050.

#### Overview of the plan

- The plan is an overarching policy document that will reflect the community’s vision for growth over the next 30 years.
- It will include aspects of the CAP such as extreme heat and green space.
- Plans for land use, infrastructure, cultural amenities, and services.
- Serves as reference for zoning requests, economic development, and design of public facilities.

### Plan Development

- Based on input from previous general plans.
- Will take input from the Community Working Group, the Technical Advisory group, the community at large, and boards, commissions, and councils.
- Staff will conduct online surveys, public meetings, and hold conversations with community members.
- Will be at events like arts at the park and other community events to gather input.
- Contentious topics
  - o Locations for high residential density
  - o Balancing historical preservation and development
  - o Balancing neighborhood stability and new development
  - o Open spaces
  - o Public/private transportation options
  - o Affordable housing
- The plan will be presented to the city's boards and commissions and the council at work study sessions after which they will address the input.
- The plan is not done being drafted until it is adopted, which is planned to be at the end of September 2023.
- The final step of approval is a vote in March of 2024. The last general plan was approved in May of 2014.

### ARS Mandates for GP Updates

- ARS requires that a plan be adopted every 10 years.
- The general plan should consist of a statement of community goals and development policies.
- Mandates land use and circulation elements. For Tempe, based on the population, the plan needs to include open space, cost of development, growth area, environment, neighborhood preservation, and others.

### GP2050 Elements

- Executive Summary Introduction
- Chapters:
  - o Land use and development
  - o Economic development
  - o Circulation
    - Elements in the presentation with asterisks are required, elements in red are under consideration.
  - o Environment and Conservation
  - o Open space and recreation

- Public facilities and services
- Sustainability will be incorporated throughout the plan.

#### Preparation and Adoption Schedule

- Phase 1, preparation, is completed.
- Beginning the engagement phase
  - Held community working group and technical advisory meeting.
  - Will hold first major public meeting on October 26 from 6-7:30 at the Legoland discovery center.
    - The event will be fun and interactive. It will revolve around the Lego brick. Commission members are invited to come.
  - Outreach will continue through the end of the process in September.

#### Staff Contacts

- Planning:
  - Ambika P. Adhikari- [Ambika\\_Adhikari@tempe.gov](mailto:Ambika_Adhikari@tempe.gov)
  - Robbie Aaron- [Robbie\\_Aaron@tempe.gov](mailto:Robbie_Aaron@tempe.gov)
  - Jacob Payne- [Jacob\\_Payne@tempe.gov](mailto:Jacob_Payne@tempe.gov)
- Neighborhood Services:
  - Shauna Warner- [Shauna\\_Warner@tempe.gov](mailto:Shauna_Warner@tempe.gov)
  - Brenda Clark- [Brenda\\_Clark@tempe.gov](mailto:Brenda_Clark@tempe.gov)

#### Questions:

- Commissioner Swanson asked if Agricultural Zoning is included in the plan. He mentioned that the coalition for farmland preservation is working on methods within the Salt River and are interested in working with cities on their general plans.
- Commissioner Swanson said that Climate Change was in red on the presentation. He said that it would be helpful to add climate change as a lens to look at other things through.
- Commissioner Brundiers asked to hear more about historical preservation will be framed in honor of Tempe's Land Acknowledgement.
  - Robbie said that they will be weaving the Land Acknowledgement into the plan and will include it in the General Plan.
- Commissioner Swisher voiced his appreciation for the planning team. He said that it can be hard to see how we can make sure the CAP gets seen through all of the elements that it touches. At times there are vocal people with agendas against the sustainability elements of the CAP. He wants to see how the CAP can be involved and not get lost as the process moves forward.

- Robbie said that working one on one with the commission and the S&RO would be beneficial. As planners they know how they can incorporate sustainability into various elements of the plan, and they have experts that can help them. However working with the sustainability team to make sure that they are not missing elements of sustainability throughout the chapters. They will continue to work with the commission and office to ensure that they are not missing anything.
- Megan Swing asked: “what do you anticipate being a major challenge in implementing the plan? Are you anticipating pushback to some of the ideas that you are trying to implement?”
  - Implementation does not come until the plan is adopted in 2024. They are hoping they have a good plan and implementation is not difficult, but things change quickly. They will definitely receive pushback on things like density. It is part of the process. He would not call it pushback, but rather feedback. The voters need to vote to approve the plan and that is what they want to see happen.

Barbie thanked Robbie for his presentation.

#### **Agenda Item 4 – Development of the International Green Construction Code**

Eric Iwerson and Greg Kinkel spoke about the IGCC.

- The IGCC should be familiar to the commission. This presentation is the same presentation that will be presented to council, possibly with some tweaks.
- This is a multi-departmental project and Eric thanked them.
- Agenda:
  - What is the IGCC?
  - Importance of green construction
  - History and current pilot projects
  - Status of Tempe IGCC efforts
  - Public and Stakeholder Outreach
  - Future Policy Adoption Request 2023
  - Future IGCC Code Adoption
- There is no formal ‘ask’ at this meeting. At the next meeting they will be asking for adoption of the code.
- The council has upwards of 100 performance measures. The IGCC reached into many sustainable development and growth measures.
- What is IGCC and why do we care?
  - A major portion of GHG emissions comes from the built environment.

- Increases life of buildings.
- Reduces heat island and increases biomass and green space.
- Improves resilience to heat.
- Reduces potable water consumption.
- Access to EV.
- Reducing dependency on fossil fuels.
- Already incorporated into CAP and Sustainable Facilities Plan
- Encourages a ROI
- What has been done so far?
  - Tempe has been a leader in the region.
  - Some structures were done years ago like the transportation center.
  - They have hired a consultant team which is looking at the zoning and development code and how it would be modified.
  - Looking at pilot projects and see how the code performs. Learning from the projects in real time.
  - The code would be voluntary when adopted. It won't be mandatory at first but it is possible that some aspects might be mandatory later on. They think this is the best way and there will be adoption quickly.
- Across the Valley and World
  - Scottsdale has been doing this work for some time. They have done many green building projects. They are exploring a mandate which Tempe is watching.
  - Phoenix and Chandler are on a similar pathway, having built many green buildings and continue to move forward.
  - They look at these cities to inform Tempe's codes.
- IgCC in Tempe
  - Three projects in Tempe being tested with the codes.
    - Clark Park: Lots of green space and architecture.
    - Tempe Municipal Operations Center
    - Fire Station 2
  - Examples of drawing from Tempe buildings and history to put forward a strong, usable code.

Eric introduced Greg Kinkel from Quest Energy Group to take over the presentation. Quest partnered with DWL architects to come on as the consultant team for the development. They worked on multiple IGCC pilot projects.

- Code Development

- Tempe representatives went through the chapters to develop them for the city. They then met with the consultant team to see how this has worked in other places.
- Six main chapters:
  - Site Sustainability: Stormwater, heat island impact, light pollution, bicycle parking, EV charging, carpool.
  - Water use efficiency: Indoor and outdoor fixtures, xeriscape,
  - Energy efficiency: Renewables, high efficiency equipment, LED lighting, meters.
  - Indoor Environmental Quality: Minimum outside air, air filters, smoking, acoustics, air testing, various other elements for the end user.
  - Materials and Resources: Construction waste, recycling, green materials.
  - Construction and plans for operation: How to test and commission the building, meter it, test to make sure it does what it was supposed to.
- TMOCC
  - They looked at acoustic air testing on this project.
  - Trying to evaluate how valuable it would be. Was found that it was very costly. They looked at how to make the code more usable. They found they could eliminate this section to save cost.
  - Looked at Scottsdale and how they also removed these sections.
- Clark Park
  - Key issue was renewables on this project. IGCC requires renewables on projects. They found it was challenging and expensive on this project, but that it is very important. They wanted to incorporate renewables but make the codes more flexible with things like solar and EV ready/
- Fire Station 2
  - This was a very tight site. They investigated the parking requirements and how they can incorporate EV charging. They looked to make the code more flexible while still meeting the requirements. They concluded that at least 5 percent of parking spaces should be designated as preferred parking for low emission, EV, or carpool.

Eric continued the presentation.

- Going Forward
  - They will keep working with department partners. The code will be housed in the community development department. They plan to bring on board a green



construction specialist which will make it easier for community members to build like this.

- They will keep listening and refining to make sure they accurately integrate the language into the development codes.
- They want to come up with a code that works best for Tempe.
- They will be engaging with stakeholders and boards and commissions.
- They will continue to monitor the pilot projects as well as continuing to review the language in the draft, with completion by the end of 2022.
- The 'ask' from council will be in early 2023, after asking boards and commissions. They will ask the council to adopt a city-wide code for city construction.

#### Questions:

- Vice Chair Burke asked if Scottsdale started as voluntary and if it was successful.
  - Eric said that it is still voluntary, but they are exploring a mandate. They have been very successful and well received.
  - Greg said that they adopted it as voluntary in 2007 and was very successful. They have updated it twice. They use it as a bargaining tool during the zoning process. They want to see the code become mandatory. Anthony Floyd is heading that effort. There is a lot of pushback but also a lot of support.
- Commissioner Brundiers asked what communication and marketing activities have been done? Not everyone knows that this code exists. What have they seen from other cities regarding this?
  - Eric said that this has been an internal process, but in the next phase they will be going out to the public more. This is an opportunity to get people on board and show why this is important. Celebrating and talking about these projects is important. Social media and marketing will be part of the process. This is like the conversations about affordable housing. Initially, there was resistance, but through outreach campaigns it was more widely accepted.
  - Greg added that the public is very excited about green codes and buildings, but owners and developers are wary. Tempe gets to lead the way without being guinea pigs. They can point to the success of Scottsdale and their pilot projects to show developers the successes.
- Vice Chair asked if the public supports the codes while developers push back.
  - Eric said they have seen receptiveness from developers.
  - Council has seen proposals with green elements like EV chargers.
  - Prominent developers are supportive of these projects. A recently approved development has many green aspects, which were voluntarily added.
- Megan Swing asked if they are worried if they have added too much flexibility and the code won't be as effective?

- Greg said that the pilot projects allowed them to see where they could be flexible while still meeting the goals of the code. You do not want to build a watered-down code, but you want to make it work for the developers in Tempe. The international code tries to make a general code for every place. They wanted to make a code specific to Tempe.
- Commissioner Swanson asked if this has the potential to exasperate the housing situation in Tempe through costs being handed down to renters.
  - Eric said they will be watching this. That is why the codes are voluntary. There might be ways with more affordable housing projects where not all the elements are incorporated. It will be part of the discussions.
  - Greg said that was a key element of the pilots. They looked for areas of excessive costs and added flexibility there.
- Athavan said The City of Scottsdale saw that in 2009 Phoenix had a green building national event which promoted their program to developers. The first commercial projects started in 2010 in downtown Scottsdale. People were all trying to get the same land, and the green building codes became the difference. There can be an incentive for them to develop in Tempe and the codes can be a bartering chip.
- Commissioner Swisher commented that if the city can provide creative ways to incentivize adherence. He mentioned that the Coyote's arena has large community impacting projects. The city is using these as leverage points to meet the CAP goals.
- Commissioner Brundiers asked if they could speak about retrofitting.
  - Greg said that the IgCC does not address existing buildings, but he hopes to see that included in a different program in the future.
- Athavan said that as they start to look at efficiency programs, it will increase the capacity of the city to increase populations. New developments will not be much of a load on existing systems. This promotes growth in the city.

Vice Chair Burke thanked the team for their presentation.

### **Agenda Item 5- City of Tempe New Employee Introductions**

Brianne announced the onboarding of new staff.

Andy Escobar introduced herself

- She went to Watts College with a degree in sustainable tourism and was a fellow for the sustainability office. She helped with the CAP update as a project lead and co-author. She is the climate justice and energy equity coordinator.
- Projects on her agenda are the opening of the envision center and the RFP for procurement for resilience hubs master plan. She will be working on mobility home outreach in terms of heat resilience and working with energy companies.

Maddie introduced herself

- She is the neighborhood resilience coordinator. She attended ASU and received a master's in sustainability solutions. She worked in the president's office on sustainability projects. Her focus will be on local food systems, like the USDA supporting local agriculture. She will also be working on GSI.

Evelyn introduced herself

- She has an undergraduate degree in biology and chemistry and a masters in sustainability leadership from ASU. She has worked in sustainability education in the nonprofit sector. She is the Youth Climate Action Coordinator. She will be supporting youth initiatives and promoting youth voices. She will be working on the cool kids initiative.

The office has received a lot of grant money and these new team members will be helping with that.

Megan Swing asked, "what is an initiative you are most looking forward to working on?"

- Maddie said she is most excited about the USDA local Tempe grant. She has worked in the food space extensively, so she is excited to help advance urban agriculture in Tempe.
- Andy is excited to see the initiatives that she wrote about in the CAP come to life.
- Evelyn is excited about activating youth. She has done a lot of work in the zero waste and circular economy space, and she is excited to broaden her perspective.

### **Agenda Item 6- Housekeeping Items**

Brianne said that she hasn't had a chance to help with the projects due to new employee onboarding, but she has next steps on her to do list and will be reaching out to the leads for the next meeting.

### **Agenda Item 7 – Future Agenda Items**

Please refer future items to staff and CC Chair Jung

**Motion:** Jake Swanson

**Second:** Kendon Jung

**Decision:** Approved 7-0

**Voted to Approve:**

Kendon Jung (Chair)

Natalie Mendoza

Shawn Swisher

Katja Brundiars

Jake Swanson

Barbie Burke

Meaghan Coon

The meeting was adjourned at 5:46 pm.

Prepared by: Henry Pearson

Reviewed by: Brianne Fisher

# **2022 Water, Wastewater and Stormwater Rate Study Recommendations**

Sustainability and Resilience  
Commission Meeting  
Oct. 17, 2022





# Council Priorities and Performance Measures



Safe & Secure  
Communities

1.13 – Safe Drinking Water



Strong Community  
Connections

2.02 – Customer Service Satisfaction



Sustainable Growth  
& Development

4.03 – Water Conservation and Efficiency



Financial Stability  
& Vitality

5.01 – Quality of Business Services



- Cost-based allocation
- Data driven
- Customer engagement
- Program cost recovery
  - Stormwater
  - Flood Irrigation





# Rate Study process



Revenue  
Requirements

Cost Allocation

Rate Design

Communicate  
Impacts

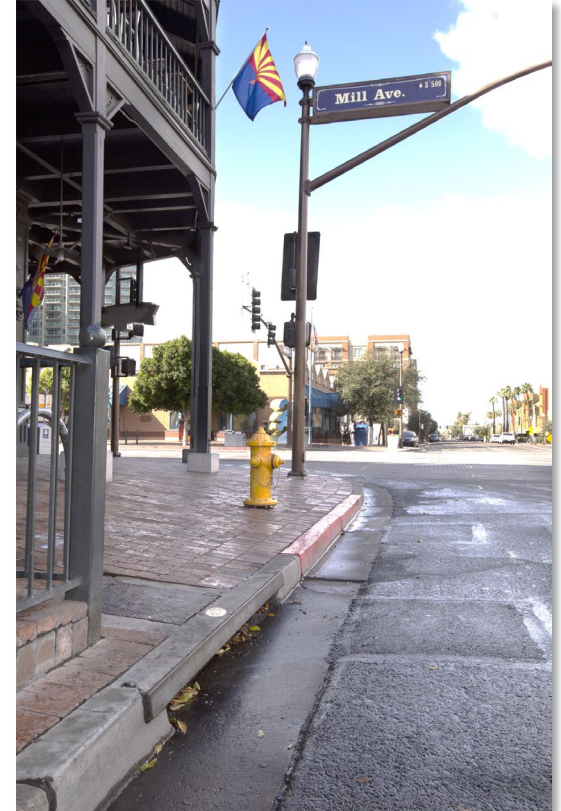
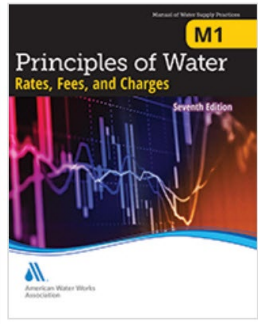
Active Stakeholder Participation





# Rate Study recommendations

- 5.5% average water revenue increase
- 2.5% average wastewater revenue increase
- Stormwater/environmental fee: \$3
- Flood Irrigation: 50% cost recovery



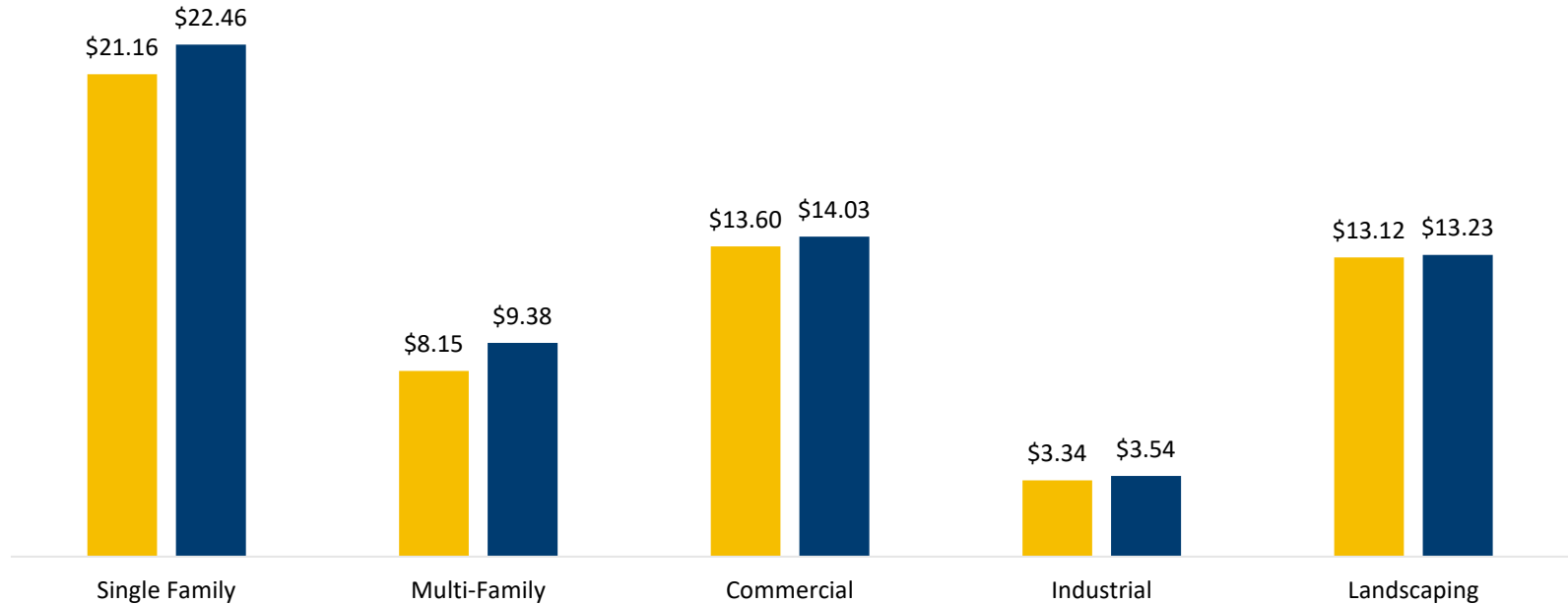


# Water cost allocation adjustments

■ Current Revenue

■ Cost of Service

**Additional Revenue Required (\$M): \$3.27**  
**Percent Change (%): 5.5%**



**Change (\$M):**  
**Change (%):**

**\$1.30**  
**6.1%**

**\$1.23**  
**15.1%**

**\$0.43**  
**3.2%**

**\$0.20**  
**6.0%**

**\$0.11**  
**0.9%**



# Water fixed monthly service charge

Meter Size	Current Fixed Monthly Service Charge	Proposed Fixed Monthly Service Charge
5/8"	\$13.55	\$10.25
3/4"	\$15.30	\$11.50
1"	\$22.80	\$16.80
1.5"	\$48.40	\$34.65
2"	\$94.35	\$65.45
3"	\$213.45	\$97.90
4"	\$307.65	\$228.10
6"	\$1,183.00	\$656.95
8"	\$2,064.50	\$1,018.85
10"	\$3,092.90	\$1,525.25





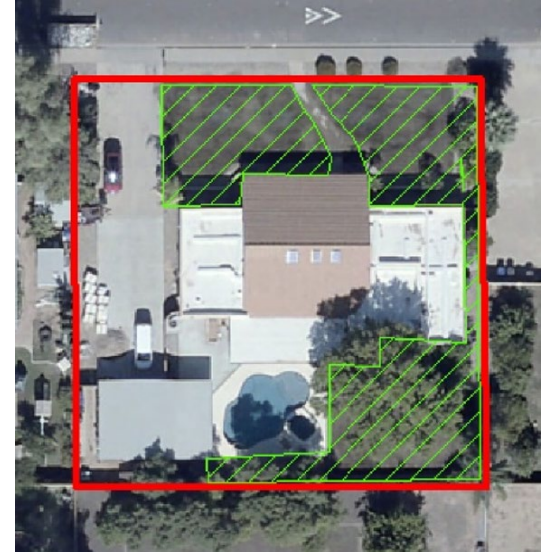
# Proposed Single-Family rate structure



**Tier 1 sized at  
0-8,000 gallons**



**Tier 2 sized at  
8,001-16,000 gallons**



**Tier 3 sized at  
16,001-36,000 gallons**

# Single-Family water volume charges



Current		
Tiers	Tier Size	Current Rate per 1,000 gallons
Tier 1	0-6,000	\$1.90
Tier 2	6,001-12,000	\$2.91
Tier 3	12,001-20,000	\$4.01
Tier 4	20,001-40,000	\$5.08
Tier 5	40,001+	\$5.58

Proposed		
Tiers	Tier Size	Proposed Rate per 1,000 gallons
Tier 1	0-8,000	\$2.53
Tier 2	8,001-16,000	\$3.93
Tier 3	16,001-36,000	\$5.00
Tier 4	36,001+	\$5.79
Tier 5	-	



# Water volume charges for other customer classifications



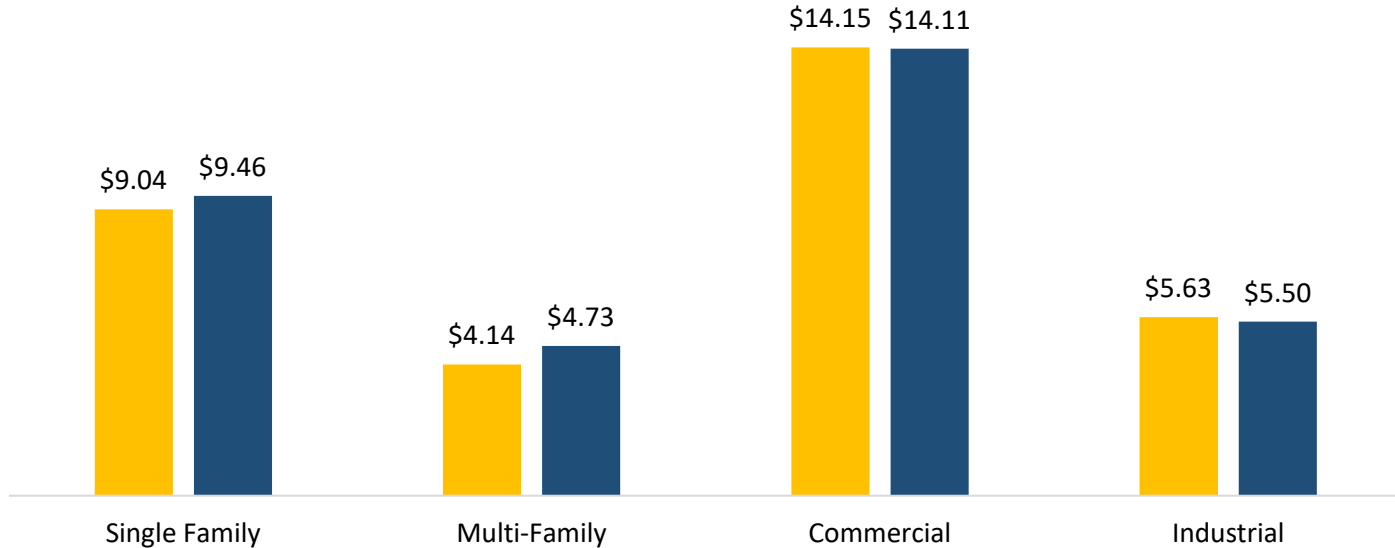
Customer Classification	Current Rate (\$/1,000 gallons)	Proposed Rate (\$/1,000 gallons)
Multi-Family	\$2.11	\$2.81
Commercial	\$2.73	\$3.16
Industrial	\$2.85	\$3.12
Landscaping	\$4.08	\$4.26
Construction	\$4.42	\$4.66



# Wastewater cost allocation adjustments

■ Current Revenue   ■ Cost of Service

**Additional Revenue Required (\$M): \$0.82**  
**Total Change (%): 2.5%**



<b>Change (\$M):</b>	<b>\$0.42</b>	<b>\$0.59</b>	<b>-\$0.04</b>	<b>-\$0.14</b>
<b>Change (%):</b>	<b>4.6%</b>	<b>14.2%</b>	<b>-0.3%</b>	<b>-2.4%</b>



# Wastewater fixed monthly service charge

Meter Size	Current Fixed Monthly Service Charge	Proposed Fixed Monthly Service Charge
5/8"	\$10.30	\$9.30
3/4"	\$14.00	\$10.70
1"	\$25.10	\$16.65
1.5"	\$46.70	\$36.70
2"	\$72.60	\$71.30
3"	\$176.00	\$107.80
4"	\$349.00	\$254.05
6"	\$695.00	\$736.00
8"	\$1,650.00	\$1,142.65
10"	\$2,600.00	\$1,711.75



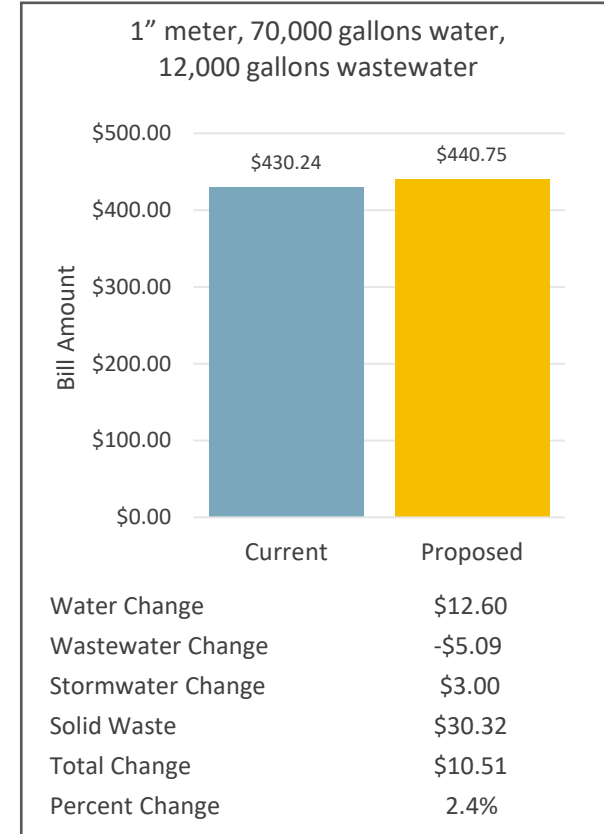
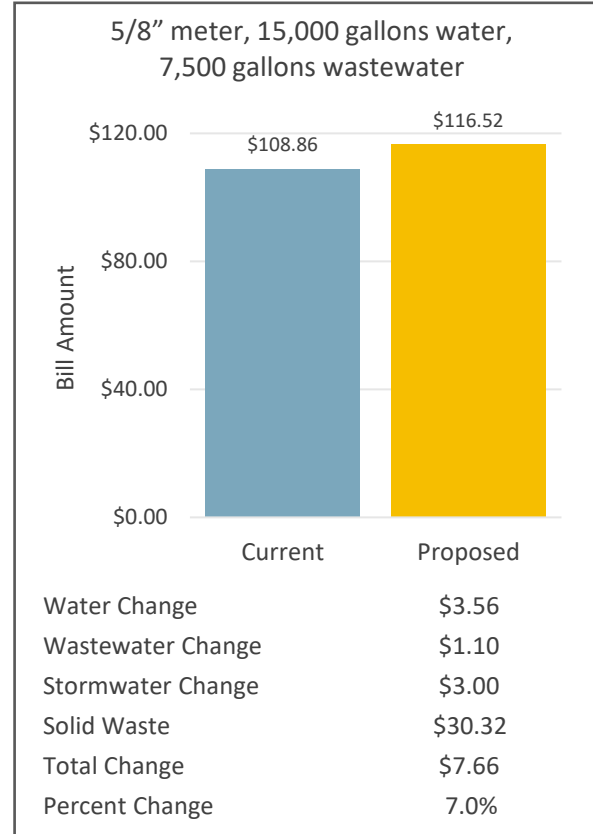
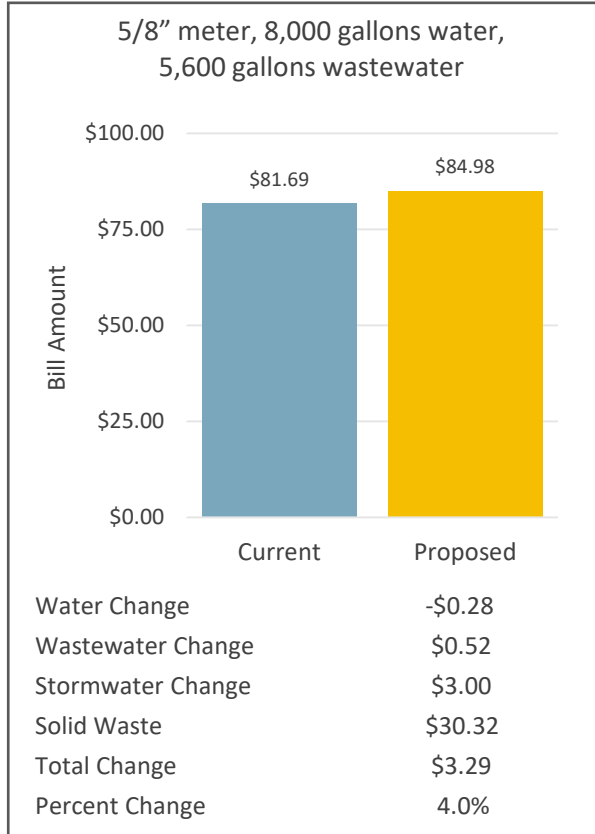




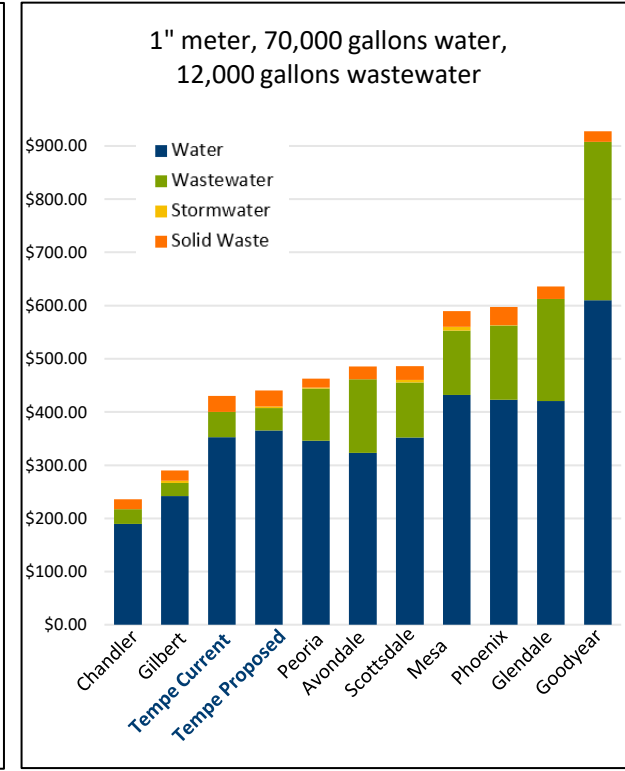
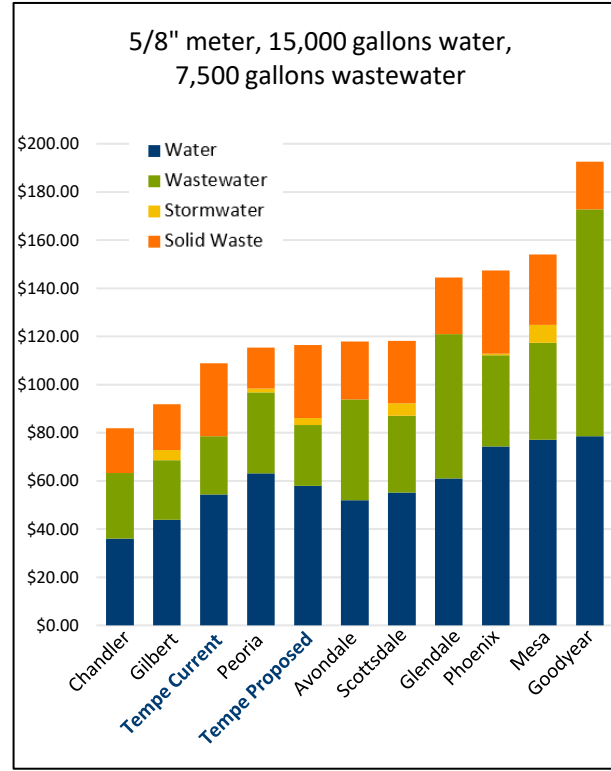
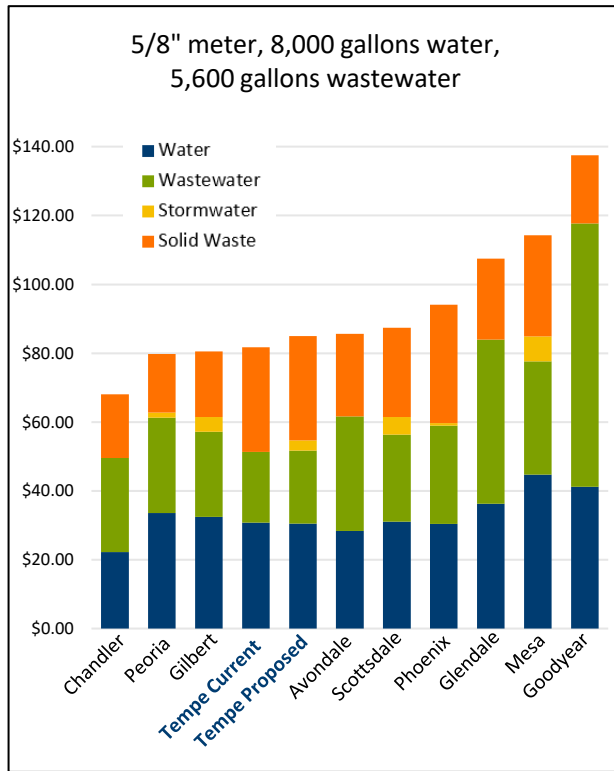
# Wastewater volume charges by classification

Current Classification	New Classification	Current Rate (\$/1,000 gal)	Proposed Rate (\$/1,000 gal)
Single Family	Single Family	\$1.84	\$2.12
Multi-Family	Multi-Family	\$1.84	\$2.39
Commercial – Self-Service Laundry	Commercial – Low	\$2.82	\$3.03
Commercial – Hospitals	Commercial – Low	\$3.06	\$3.03
Commercial – Other	Commercial – Low	\$3.06	\$3.03
Commercial – Food Sales	Commercial – High	\$4.58	\$4.44
Commercial – Restaurants/ Bakeries	Commercial – High	\$7.91	\$4.44
Commercial – Dry Cleaners	Commercial – High	\$7.91	\$4.44
Industrial	Industrial	Varies	Volume – \$2.61 TSS (unit cost/lb.) – \$0.25 COD (unit cost/lb.) – \$0.10

# Single-Family water, wastewater, stormwater, solid waste monthly bill impact



# Single-Family water, wastewater, stormwater, solid waste monthly bill comparison



Based on current rates of other agencies, several of which are likely to increase in FY23.



# Stormwater/Environmental fee

A \$3 monthly fee of per account for costs presently included in water and wastewater.



Department/ Fund	Expense/Activity Type	FY 2023 Cost
Water/Wastewater	Utilities Operations, Environmental, Household Products Collection Center, Street Sweeping, Other Misc.	\$1,526,368

## Future Considerations

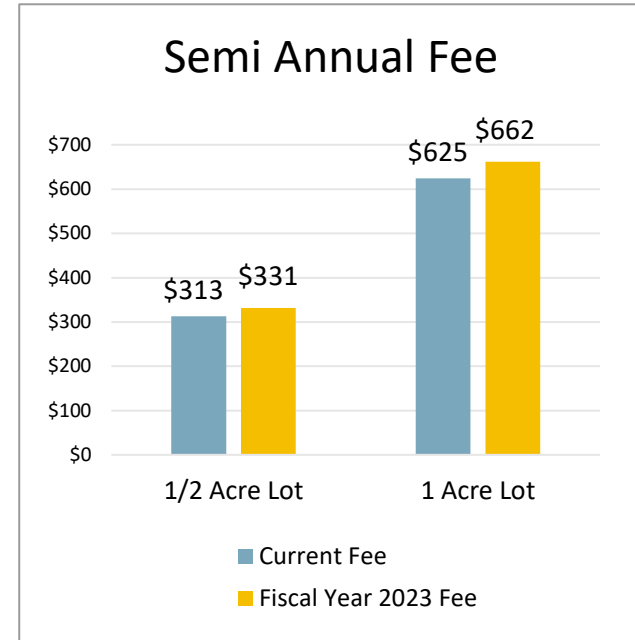
Parks	Drywell Inspection and Maintenance, Vector Control, Capital Projects	\$388,957
Other General Fund Departments	Additional stormwater costs outside interactivity charges, contribution to Environmental regulatory	\$247,704
Sustainability	Residential Green Stormwater Infrastructure Program	\$30,000
Debt Service Fund	Estimated debt service for prior projects (since 2012) and current CIP	\$369,757
Total Annual Costs		\$2,562,786



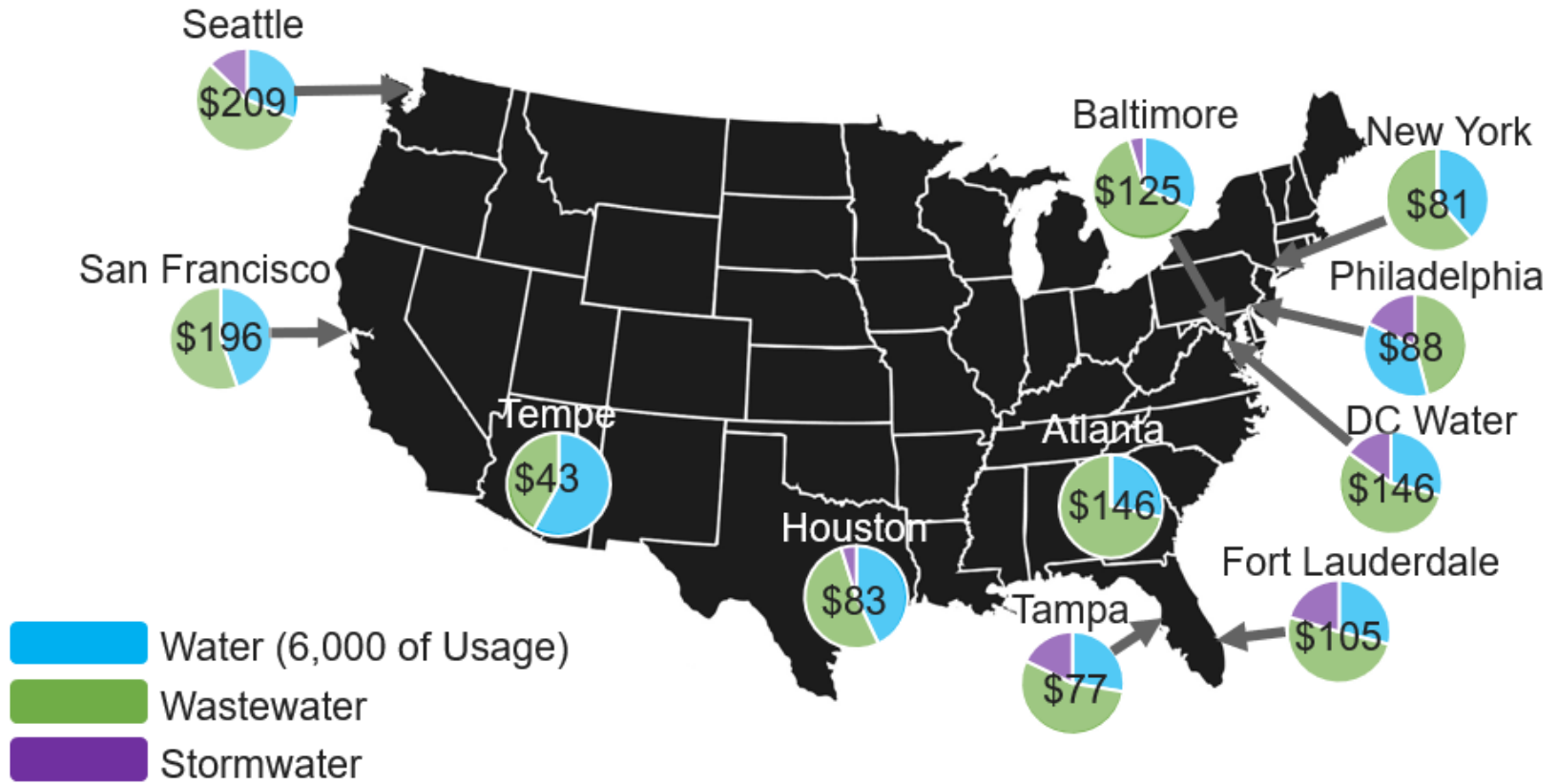


# Flood Irrigation program revenue requirements, impacts

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Revenue Adjustment Factor:	6.0%	5.0%	5.0%	5.0%	5.0%
<b>Revenue</b>					
Flood Irrigation Revenue	\$338,364	\$355,282	\$373,046	\$391,699	\$411,284
Transfer in from GF	\$109,000	\$154,067	\$157,919	\$161,867	\$165,913
<b>Total Revenue</b>	<b>\$447,364</b>	<b>\$509,349</b>	<b>\$530,965</b>	<b>\$553,566</b>	<b>\$577,197</b>
Cost Recovery:	42.3%	47.1%	48.0%	49.0%	50.0%
<b>Expenses</b>					
Capital Expenses	\$291,374	\$291,374	\$291,374	\$291,374	\$291,374
Operating Costs	\$767,206	\$790,222	\$813,929	\$838,347	\$863,497
<b>Total Expenses</b>	<b>\$1,058,580</b>	<b>\$1,081,596</b>	<b>\$1,105,303</b>	<b>\$1,129,721</b>	<b>\$1,154,871</b>



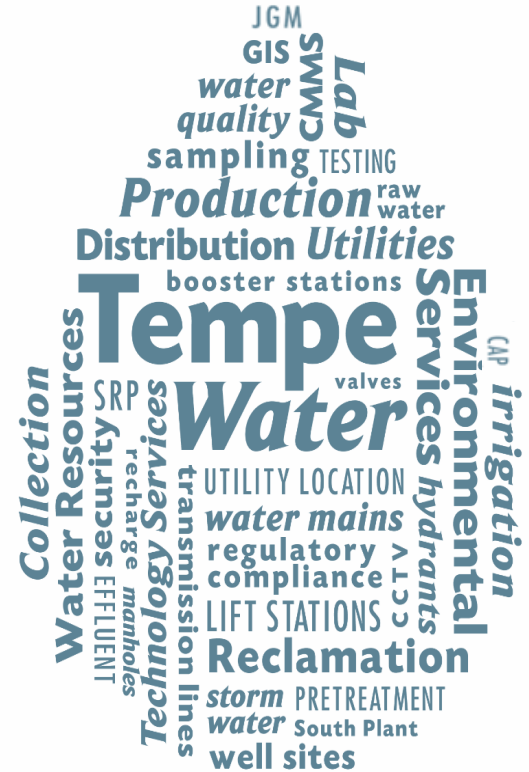
# Current national utility rates comparison





# Summary of recommendations


- 5.5% average water revenue increase
- 2.5% average wastewater revenue increase
- Stormwater/environmental fee: \$3
- Flood Irrigation: 50% cost recovery





# Next Steps

- Public meetings
- Public comment
- Jan. 5, public hearing and consideration of rate adoption
- If adopted, new rates become effective March 1, 2023.





**Tempe seeks input on Water, Wastewater, Stormwater Rate Study recommendations**

The 2022 Water, Wastewater and Stormwater Rate Study analyzed existing and future projected costs and revenues to determine if changes to rates are needed. The draft report and recommendations are available at [tempe.gov/UtilityRateStudy](https://tempe.gov/UtilityRateStudy).

The public is invited to learn about the recommendations at two meetings.

**When:** 12:30 p.m. via Zoom AND 6 p.m. in-person on Monday, Nov. 7, at Tempe Public Library, Program Room A, 3500 S. Rural Road.

**What:** Learn about the recommendations of the rate study and how rate adjustments may affect your utility bill.





# Questions





# Grow Local Tempe USDA Grant Overview

October 2022



# Background

- **What is the USDA grant?**
  - Urban Agriculture and Innovative Production (UAIP) Grant
- **How much is it for?**
  - \$200,000 (*Planning Grant*)
- **What is the timeline?**
  - October 2022 – July 2024
- **How does it align with the CAP Update?**
  - Youth Agenda: Includes focus on expanding food justice and food entrepreneurship through the development of local food initiatives.

# Grant Overview

## Overarching Goal:

- Increase food resilience by supporting UA education and development in economically vulnerable populations.

## Key Components of the Grant:

- City Planning and Policy Research
- Community Engagement
- Asset Mapping
- Training and Professional Development



# Grant Goals and Deliverables

## Goals:

- Support city planning that supports UA and green space conservation.
- Foster UA and local food literacy in low-income, low-access neighborhoods.
- Connect the needs of targeted communities to UA site planning.
- Increase training opportunities for new and beginning urban farmers.

## Deliverables:

- Policy Recommendations
- Food Assets and Solutions Map
- Immersive Education Events
- Community Needs Assessment
- Pilot Project Plans
- UA / Local Food Roadmaps

# Grant Partners and Structure

## Partners:

- City of Tempe S&RO\*\*
- Arizona Sustainability Alliance\*\*
- Unlimited Potential\*\*
- ASU Swette Center\*\*
- Greg Peterson / The Urban Farm
- *Sana Sana*
- Southwest Agroforestry Action Network
- Blue Watermelon Project
- Semillas AZ



## Working Groups:

- **#1:** City Planning for UA
- **#2:** UA & Local Food Engagement
- **#3:** Community Engagement & Needs Assessment
- **#4:** Urban Farmer Support

\*\* = Working Group Lead

# Next Steps

## October 2022

- Initial Working Group(WG) Convenings
- Internal WG Timeline Development
- Begin Policy Research + Asset Mapping Interviews (local + national best practices)

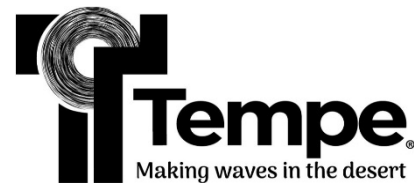
## Spring 2022

- Complete Policy Review
- Finalize Resident Needs Report
- Host Immersive Educational Events
- Complete UA Pilot Plan Drafts

## Winter 2022 / Early 2023

- Disseminate Resident Needs Survey
- Finalize Event Calendar & Planning
- Conduct Background Research on the UA Pilot Plan Sites

# SUSTAINABILITY COMMISSION 2022 ANNUAL REPORT -



## Description as Defined in Ordinance:

The Tempe sustainability commission shall have the following powers and duties:

(1) To research, advise, and recommend to the city council policies and programs that advance sustainability in Tempe, with particular attention to sustainability in the following areas:

- a. Energy management (city operations and the city as a whole);
- b. Climate-action plan with a roadmap of actions to be recommended;
- c. Local food and agriculture;
- d. Livable neighborhoods and happy communities;
- e. Land use and development;
- f. Building practices;
- g. Purchasing practices;
- h. Economic development (green jobs);
- i. Solid waste, recycling, and hazardous waste;
- j. Water and wastewater management;
- k. Transportation;
- l. Dark skies;
- m. Air quality;
- n. Environmental justice; and as of June 2015
- o. Preparedness and resiliency.

(2) Assist city departments in executing approved policies and programs;

(3) To support education and outreach related to the city's sustainability practices;

(4) To identify potential sustainability partnerships with public, private and educational entities; and

(5) To recommend for city council consideration a comprehensive sustainability plan with measurable goals and benchmarks to ensure year-to-year progress. (Ord. No. O2015.24, 6-25-15)

TCC § {City Code, Chapter 2, Article V, Division 21 }

## List of Board and Commission Members, Including Attendance and Service Dates:

<u>Board/Commission Members:</u>	<u>Service Dates:</u>	<u>Attendance Record:</u>
Kendon, Jung	12/31/2023	Attended 6 Meetings out of 6
Mores, Ryan	12/31/2022	Attended 2 Meetings out of 4
Swisher, Shawn	12/31/2023	Attended 6 Meetings out of 6
Vesper, Joyce	12/31/2022	Attended 4 Meetings out of 4
Milam-Edwards, Stephanie	12/31/2022	Attended 2 Meetings out of 4
Burke, Barbie	12/31/2022	Attended 5 Meetings out of 6
Coon, Meaghan	12/31/2023	Attended 6 Meetings out of 6
Mendoza, Natalie	12/31/2022	Attended 6 Meetings out of 6
Brundiars, Katja	12/31/2023	Attended 4 Meetings out of 6
Swanson, Jake	12/31/2023	Attended 6 Meetings out of 6



**Name of Chair and Vice Chair:**

- Chair – Kendon Jung
- Vice Chair – Barbie Burke

**Staff Liaisons and Contact Information:**

<u>Staff Liaison:</u>	<u>Department:</u>	<u>Phone:</u>	<u>Email:</u>
Brianne Fisher	Office of Sustainability	480-350-8959	Brianne_fisher@tempe.gov

**Meeting Frequency and Location:**

Meetings in 2022 were a mix of virtual and in person meetings. Meetings are typically held the third Monday of the month at 4:30 p.m. at 31 E. Fifth Street, Engineering & Transportation Conference Room, Tempe, AZ 85281. In 2022, five virtual meetings were held.

**Number of Meetings Cancelled and Reason for Cancellation:**

July meeting was cancelled for summer vacation.

**Vacancies and Duration of Vacancies:**

Three vacancies occurred in 2022.

**Subcommittee and Subcommittee Activity:**

Did the Board/Commission have any subcommittees active during the reporting period?  YES  NO

**Mission Statement:**

The mission statement of the Sustainability Commission is to be a culture-catalyst to provide leadership, education, and guidance on sustainability programs and policies to City Council and for our entire community to transform Tempe into a healthy and resilient city that inspires the region, the nation and world.

**Accomplishments (Past 12 Months):**

Since the passing of Tempe's first Climate Action Plan in November 2019, the Sustainability Commission has been working with staff to guide the implementation of the highlight actions in the plan: resilient energy hubs, transportation demand management, green infrastructure standards and the adoption of the international green construction code. The Commission also accomplished the following:

- Supported the approval of the Climate Action Plan 2022 Update by Council in March of 2022. The Commission heavily participated in the planning to ensure the update allows Tempe businesses and residents to have tangible actions to partner with the City to create a citywide movement to reduce carbon emissions and become more resilient to extreme heat. The Commission's work and creating a coalition of support including reaching out to:
  - Community based organizations,
  - Business community stakeholders,
  - Residents,
  - Letter of support from Transportation Commission
  - Letter of support from Neighborhood Advisory Commission.

The Sustainability and Resilience Commission are continuing to support the investment and progression of the Climate Action Plan Update – specifically the three highlight actions listed below. The Commission held a retreat in June and identified opportunities to advance the highlight actions as members of committee. Work plans are being built out and progress reports will become a regular agenda item for accountability and progress.

- Climate Action Plan Highlight Actions the Sustainability and Resilience Committee is organizing work plans around:

- Transportation Demand Management/Mobility Hubs
- Resilience Hubs and EnVision Resilience Energy Hubs
- Green Codes and Standards – Green Stormwater Infrastructure, Resilient Tempe Masterplan and International Green Construction Code (IgCC) and Electric Vehicle Code Development
- Supported the Office of Sustainability during the City’s Budget Process:
  - Provided education and outreach to community members regarding Office of Sustainability’s requests
  - Achieved historic investment into the Sustainability Office programs and personnel including:
    - Resilience and Sequestration - \$330,000
    - Climate Justice and Youth – \$125,000
    - Energy - \$60,000
    - Transportation - \$10,000
- Supported the City of Tempe Departments with advancing climate and sustainability goals by providing ideas and advice for the following programs and services:
  - Water, Wastewater, Stormwater Rate Study
  - General Plan 2050
  - LEED for Cities and Community Carbon Disclosure
  - Adaptive Streets
  - Hayden Flour Mill
  - Grass Clippings at Rolling Hills

### **Goals Related to City Council Strategic Priorities, if Applicable (Next 12 Months):**

**Council Priority: Implementing sustainable growth and development strategies, including improving Tempe’s public transit system to meet future needs, by actively seeking innovative technologies and leading the way in creating a more sustainable community.**

#### **Climate Action Policy**

The Commission seeks to support Mayor, Council and city staff in passing climate action policy that moves forward the implementation of the Climate Action Plan including: resilient energy hubs, transportation demand management and mobility hubs, electric vehicles and electric vehicle infrastructure, green stormwater infrastructure standards and the adoption of the international green construction code. We would like to see the Mayor and Council pass a suite of policies in 2022 and invest in the Climate Action Plan through the budget process that will be finalized in June of 2022.

#### **Climate Action Plan 2022 Update**

The Commission will support city staff across departments in completing the Climate Action 2022 that will engage the critical stakeholder groups including, youth, ASU students, businesses, built environmental professionals, the faith-based community, neighborhoods, social justice leaders, and the general public. The update will include new community and municipal Greenhouse Gas Emissions Inventories and actions that each target group want to complete with the city.

#### **Sustainable and Resilient Recovery Efforts**

The Commission will support city staff in implementing recovery efforts including:

- EnVision Resilience Hub on Apache, including opportunities to add solar, energy efficiency technology and refrigeration
- Energy Equity Pilot Project
- Equitable and inclusive engagement in the Climate Action Plan Update focused on small businesses and residents with low incomes
- Efforts to close the digital divide starting with members of the Cool Kids project

**Grant Implementation (HUE and Cool Kids) and Grant Attraction (NSF, DOE, USDA, FEMA)**

The Commission will support city staff in guiding the implementation of existing grants including Healthy Urban Environments, Cools Kids, and Department of Agriculture. The Commission will also support the staff in seeking Federal grants including the National Science Foundation, Department of Energy, and the Federal Emergency Management Administration.

**More consistent communication and joint activity with Council and other Commissions**

The Sustainability Commission is dedicated to more consistently coordinating with Mayor and Council and other Commissions. The Commission fully supports the creation of a Council Committee on Carbon Neutrality and Resilience that would include emissions reductions in transportation, energy, water conservation, resilience to extreme heat and urban forestry.