



COUNCIL SUBCOMMITTEE FOR WATER ISSUES MEETING

SUBCOMMITTEE MEETING AGENDA

TUESDAY, JUNE 4, 2019, 9:00 AM

Lower Level City Hall, 201 South Cortez Street
Prescott AZ 86303
(928) 777-1272

Jim Lamerson, Chairman

Steve Blair, Councilman

Steve Sischka, Councilman

The following Agenda will be considered by the Prescott **Council Subcommittee for Water Issues** at its **Subcommittee Meeting** pursuant to the Prescott City Charter, Article II, Section 13. Notice of the meeting is given pursuant to Arizona Revised Statutes, Section 38-431.02. One or more members of the Council Subcommittee may be attending the meeting through the use of a technological device.

- A. Call to Order
- B. Roll Call

SUBCOMMITTEE MEMBERS:

Chairman Jim Lamerson
Member Steve Blair
Member Steve Sischka

- C. Approval of Minutes of May 7, 2019
- D. Water Allocation Update, January 1, 2019 to June 30, 2019
- E. Water Service Agreement Application - Judy York (WSA19-011)
- F. Individual Metering of Multi-Family Developments
- G. Future Agenda Items
- H. Adjournment

EXECUTIVE SESSION

Upon a public majority vote of a quorum of the Council Subcommittee for Water Issues, the Council Subcommittee may hold an executive session, which will not be open to the public, regarding any item listed on the agenda but only for the following purposes:

- (1) Discussion or consideration of personnel matters (A.R.S. §38-431.03(A)(1));

- (2) Discussion or consideration of records exempt by law (A.R.S. §38-431.03(A)(2));
- (3) Discussion or consultation for legal advice with the city's attorneys (A.R.S. §38-431.03(A)(3));
- (4) Discussion or consultation with the city's attorneys regarding the city's position regarding contracts that are the subject of negotiations, in pending or contemplated litigation, or in settlement discussions conducted in order to avoid litigation (A.R.S. §38-431.03(A)(4));
- (5) Discussion or consultation with designated representatives of the city to consider its position and instruct its representatives regarding negotiations with employee organizations (A.R.S. §38-431.03(A)(5));
- (6) Discussion, consultation or consideration for negotiations by the city or its designated representatives with members of a tribal council, or its designated representatives, of an Indian reservation located within or adjacent to the city (A.R.S. §38-431.03(A)(6));
- (7) Discussion or consultation with designated representatives of the city to consider its position and instruct its representatives regarding negotiations for the purchase, sale or lease of real property (A.R.S. §38-431.03(A)(7)).

THE CITY OF PRESCOTT ENDEAVORS TO MAKE ALL PUBLIC MEETINGS ACCESSIBLE TO PERSONS WITH DISABILITIES. With 72 hours advanced notice, special assistance can be provided for sight and/or hearing-impaired persons at this meeting. Reasonable accommodations will be made upon request for persons with disabilities or non-English speaking residents. Please call the City Clerk (928) 777-1272 to request an accommodation to participate in this public meeting. Prescott TDD number is (928) 445-6811. Additionally, free public relay service is available from Arizona Relay Service at 1-800-367-8939 and more information at www.azrelay.org

Confidentiality

Arizona statute precludes any person receiving executive session information from disclosing that information except as allowed by law. A.R.S. §38-431.03(F). Each violation of this statute is subject to a civil penalty not to exceed \$500, plus court costs and attorneys' fees. This penalty is assessed against the person who violates this statute or who knowingly aids, agrees to aid or attempts to aid another person in violating this article. The city is precluded from expending any public monies to employ or retain legal counsel to provide legal services or representation to the public body or any of its officers in any legal action commenced for violation of the statute unless Council Subcommittee for Water Issues takes a legal action at a properly noticed open meeting to approve of such expenditures prior to incurring any such obligation or indebtedness. A.R.S. §38-431.07(A)(B).

CERTIFICATION OF POSTING OF NOTICE

The undersigned hereby certifies that a copy of the foregoing notice was duly posted at Prescott City Hall on _____ at _____m. in accordance with the statement filed by the Prescott Council Subcommittee for Water Issues with the City Clerk

Maureen Scott, MMC, City Clerk

MEETING DATE/TYPE: SUBCOMMITTEE MEETING 6-4-19

DEPARTMENT: Public Works

AGENDA ITEM: Approval of Minutes of May 7, 2019.

Item Summary

Subcommittee meeting minutes from May 7, 2019, for review and approval.

Attachments

1. Minutes of May 7, 2019

Recommended Action: **MOVE** to approve Subcommittee Minutes of May 7, 2019.



CITY COUNCIL SUBCOMMITTEE FOR WATER ISSUES

May 7, 2019
9:00 a.m.

Lower Level Conference Room
201 S. Cortez Street
Prescott, Arizona 86303

Minutes of the City Council Subcommittee for Water Issues held on May 7, 2019 in the Lower Level Conference Room, located at 201 S. Cortez Street, Prescott, Arizona.

A. Call to Order

Chairman Lamerson called the meeting to order at 9:00 a.m.

B. Roll Call

CITY COUNCIL SUBCOMMITTEE FOR WATER ISSUES MEMBERS:

Present:

- Chairman Jim Lamerson
- Member Steve Blair Arrived at 9:05 am
- Member Steve Sischka

Staff Present:

- Michael Lamar, City Manager
- Jon Paladini, City Attorney
- Craig Dotseth, Public Works Director
- Leslie Graser, Water Resource Administrator
- Leah Hubbard, Water Resource Specialist
- Carey Oberheim, Administrative Assistant

C. Approval of Minutes for the April 2, 2019 Meeting

COUNCILMAN SISCHKA MOVED TO APPROVE THE MEETING MINUTES OF APRIL 2, 2019; CHAIRMAN LAMERSON 2ND. PASSED 2-0.

D. Water Allocation Update, January 1, 2019 to June 30, 2019

Item Summary

For January 1, 2019 until July 1, 2019, alternative water supplies were made available in accordance with City Resolution No. 2018-1663. The available supply is 350 acre-feet and stated to be for, "...any development of any type during this period."

Requests for Water Service

New Water Service Agreement applications filed before April 23, 2019 (submission deadline for 5/7/2019 Subcommittee meeting).

Attachment: Minutes of May 7, 2019 (2508 : ITEM C_Minutes)

Application No.	Requested Volume (in acre-feet)	Water Budget Remaining (in acre-feet)
		275.20
WSA 19-008 (Antelope Crossings – amended plats)	59.2	Deep Well Reservation
WSA 19-010 (Pine Acres)	0.25	274.95

This item is for information purposes, no action needed.

E. Water Service Agreement Application

1. Antelope Crossing WSA Amendment (WSA19-008)

Item Summary

Water Service Agreement Application No. WSA19-008 was filed by Vic Chapman of Sun State Builders for Chamberlain Development, LLC, on March 19, 2019. The applicant is seeking an increase of forty-one (41) single-family dwelling units from the initial 255 lots to 296 lots within the Antelope Crossings subdivision, also known as Saddlewood.

Background

City Contract No. 2017-018 allocated water for 255 single-family dwelling units. Of the 89.25 total acre-feet allocated to the property, 64.4 AF was set aside from the Deep Well Ranch Reservation, and 24.85 AF was set aside from the 2016 General Pool. Within City Contract No. 2017-018 2 (C) “Construction of more than two hundred fifty-five (255) residential dwelling units at the Property shall result in the termination of this Agreement.”

It was determined by the Legal Department and Public Works that the increase of units with PLN19-010, the Preliminary Plat for Phases 4 and 5, voided City Contract No. 2017-018. A new contract number will be assigned and the whole subdivision will be put into a new contract. This includes Antelope Crossings Phase 1, Phase 2, Phase 3, and the newly preliminary platted Phases 4 and 5.

In May 2017, the unit allocation per single family residential unit was reduced from 0.35 AF per dwelling unit to 0.20 AF per dwelling unit for WaterSense built homes. Under this unit allocation 296 single-family residential dwelling units will require 59.2 AF. This entire quantity will now be covered by the previously determined Deep Well Ranch Reservation, with 5.2 AF returning to the Deep Well Ranch Reservation. The previously allocated 24.85 AF from the 2016 General Pool will be returned to the water portfolio.

**COUNCILMAN SISCHKA MOVED TO RECOMMEND THE APPLICATION TO COUNCIL;
COUNCILMAN BLAIR 2ND. PASSED 3-0.**

2. Pine Acres (WSA 9-010)

Item Summary

Water Service Agreement Application No. WSA19-010 was filed by Steve Reid, of Pine Acres of Prescott, LLC, on March 9, 2019. The applicant is seeking to build an additional single-family dwelling unit on APN 109-10-036K, for a total of thirteen buildings in Pine Acres Cottages.

Background

The 3.4-acre property is located off of Park Avenue and Bertrand, and is known as Pine Acres Cottages. The zoning for this property is Multifamily Medium, and the property currently consists of 25 dwelling units within 13 buildings.

The additional single-family residence will require 0.25 AF per year of water and can be administratively approved.

This item is for information purposes only, no action needed.

F. Groundwater Recharge of Watson and Willow Reservoir Supplies Update

Summary

During the April 2, 2019 meeting, the Subcommittee requested an update on Watson and Willow Lake Reservoirs, specifically when did the City commence recharge and how much has been recharged to date (April 23, 2019).

Current Conditions

On February 28, 2019, SRP contacted the City regarding releases from Watson and Willow in accordance with the aforementioned document. From March 1, 2019 to March 31, 2019 surface water in the amount of 651 AF was recharged before the standard surface water recharge timeframe. From April 1, 2019, to April 29, 2019, during the standard discharge timeframe, 509 AF was recharged. This results in a total of 1,160 AF recharged as of this calendar year. Of this total about 828 acre feet were recharged without any releases from the reservoirs.

Councilman Blair asked the City Manager Lamar if a presentation can be made soon to City Council regarding recharge. Mr. Lamar responded yes.

This item is for information purposes only, no action needed.

G. Big Chino Ranch Water and ITC Update

Summary

During the April 2, 2019 meeting, the Subcommittee requested an update on the City's Big Chino Water Ranch and the ITC Closed Looped Pumped Storage project with in the State of Arizona defined Big Chino Sub-basin.

Updates

Big Chino Water Ranch Property

- Town of Prescott Valley conducted two field trips to the ranch for their elected officials.

- Annual payment for grazing by K4 Ranch will be received in June 2019.

Comprehensive Agreement No. 1 (CA#1)

- The CA#1 Parties are working with ADWR to determine which additional, existing wells will be equipped with monitoring equipment. When the field installation date is known, notification will be given to the Public Works Director.
- Next quarterly report will be available July 2019, for the April-June time period.

ITC's Closed Loop Pump Storage Project

- No new updates based on their website.

www.bigchinovalleypumpedstorage.com/project-information

<http://www.bigchinovalleypumpedstorage.com/project-information>

- The Federal Energy Regulatory Commission approved ITC's request to prepare the project's licensing application with the Traditional Licensing Process. Over the next two years, in consultation with stakeholders, ITC will design study plans, conduct studies, prepare environmental analyses and develop a draft licensing application – with a goal to file the project's final license application in 2020.

Councilman Blair asked how much we charge K4 Ranch for grazing. Leslie stated \$10,000.

Chairman Lamerson expressed concern over the ITC proposed water usage. Jon Paladini stated that the proposed annual usage is equivalent to the maximum City may use over a 3 year period. After the 3 years of draw to fill the 2 reservoirs they are proposed to pump annually to replace evaporation losses. Graser stated an approximate amount of 1000 AF/yr.

Councilman Sischka asked what SRP thinks of the ITC. Jon Paladini stated SRP has also filed a motion to intervene.

H. Future Agenda Items

A, Councilman Blair requested a Council Agenda item, sooner versus later, on groundwater recharge by Public Works. PW Director verified that the items would include all recharge (surface water and reclaimed).

B. City Manager Lamar reminded and Councilman Lamerson concurred that an item on individually metering multi-family buildings had been recently requested.

I. Adjournment

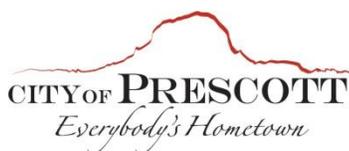
There being no further business to discuss, the meeting was adjourned at 9:43 a.m.

Respectfully Submitted by:

Carey Oberheim, Administrative Assistant

Councilman Jim Lamerson, Chairman

Date: _____



COMMITTEE AGENDA MEMO

MEETING DATE/TYPE: **SUBCOMMITTEE MEETING** **6-4-19**

DEPARTMENT: **Public Works**

AGENDA ITEM: Alternative Water Budget for January 1, 2019 through July 1, 2019 Update.

Item Summary

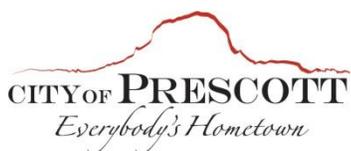
For January 1, 2019 until July 1, 2019, alternative water supplies were made available in accordance with City Resolution No. 2018-1663. The available supply is 350 acre-feet and stated to be for, "...any development of any type during this period."

Requests for Water Service

New Water Service Agreement applications filed before May 21, 2019 (submission deadline for 6/7/2019 Subcommittee meeting).

Application No.	Requested Volume (in acre-feet)	Water Remaining (in acre-feet)	Budget
			274.95
WSA 19-011 (York)	0.30		274.65

Recommended Action: For information purposes.

**COMMITTEE AGENDA MEMO**

MEETING DATE/TYPE: **SUBCOMMITTEE MEETING** **6-4-19**

DEPARTMENT: **Public Works**

AGENDA ITEM: Water Service Agreement Application No. WSA19-011 by Judy York, for 2 additional multifamily units at 206 West Gurley Street.

Item Summary

Water Service Agreement Application No. WSA19-011 was filed by Judy York on April 29, 2019. The applicant is seeking an increase of two additional multifamily dwelling units within 206 West Gurley Street.

Background

The property is located on the corner of Gurley Street and Montezuma. It consists of commercial spaces on the first floor, and will have residential on the second and third floors. Currently the third floor is vacant.

The additional dwelling units will require 0.30 AF per year of water and can be administratively approved.

Attachments

1. Water Service Agreement Application No. WSA19-011
2. Map of WSA19-011

Recommended Action: For information purposes only.



WATER SERVICE AGREEMENT APPLICATION

E.1.a

Public Works - Water Resource Management Division
201 S. Cortez St., Prescott, AZ 86303
(P) 928.777.1645 (F) 928.777.1255

Please complete this application and submit it with a building permit, site plan, or preliminary plat application. Include a legible legal description (metes and bounds) on a separate sheet of paper. Submit all documents and the filing fee directly to the Permit Center at 201 S. Cortez St, Prescott, AZ 86302.

APPLICANT INFORMATION

Applicant: JUDY York Contact Person: Same
Address: [Redacted] City/State/Zip: Prescott AZ
Phone: [Redacted] Email: [Redacted]

Property Owner: Same Contact Person: _____
Address: _____ City/State/Zip: _____
Phone: _____ Email: _____

PROJECT SITE

Address: 206 W. Gurley
Current Zoning: A1 ? Proposed Zoning: _____
Assessor's Parcel Number(s) of Existing Property: _____
Existing Water Service (Y/N): N Existing Sewer Service (Y/N): N
Existing Well (Y/N): _____ If Yes, Well Registry No.: _____

PROJECT DESCRIPTION

Is the project Residential or Commercial? Commercial
Please provide brief description: Remodel of 2nd floor of Commercial Property for Residential

of Proposed Units: 1 # of Proposed Lots: _____

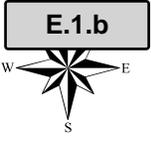
Has a Water Demand Analysis been completed (commercial)? Yes
Has a building permit application been submitted? Yes
Has a Planning and Zoning Recommendation been made? Yes

Applicant Signat: [Redacted] Date: 4-29-1

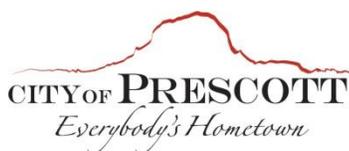
OFFICE USE ONLY				
DATE:	PERMIT #: WSA18-_____	FEE PAID:	ACCELA:	Legal Attached:
SITE PLAN:	BUILDING PERMIT:	PRELIMINARY PLAT:		

Attachment: Water Service Agreement Application No. WSA19-011 (2512 : ITEM E1_WSA19-011)

Exhibit B WSA 19-011



Attachment: Map of WSA19-011 (2512 : ITEM E1_WSA19-011)



COMMITTEE AGENDA MEMO

MEETING DATE/TYPE: **SUBCOMMITTEE MEETING** **6-4-19**

DEPARTMENT: **Public Works**

AGENDA ITEM: Individual Metering of Multi-Family Developments.

Summary

An email from the City Manager on May 6, 2019, conveyed Councilman Lamerson's interest in the concept of individual water meters per dwelling unit at multi-family complexes. Further, it was asked which Arizona jurisdictions already apply this concept?

Background

There are two existing references one in City Code and another in water policy regarding this topic.

Current City Code 2-1-24 states, "All water furnished or sold by the City shall be delivered or supplied through meter only, and every separate building supplied with City water must have its own separate service connection and meter, except that two (2) or more buildings located on the same lot or on contiguous lots under the same ownership, or property known as a court, apartment house or block covering more than one (1) lot, may, upon written permission granted by the City Manager be supplied through the same connection and meter as long as the single ownership continues."

Current Calendar Year 2018 Water Management Policy (amended and extended by Resolution No. 2018-1663) continues to encourage the individual metering of multi-family housing by a property owner sub metering after the City's master meter. "A multi-family project will be deemed Water-Efficient Residential Development if it consists of more than 10 dwelling units, and each unit is separately metered..."

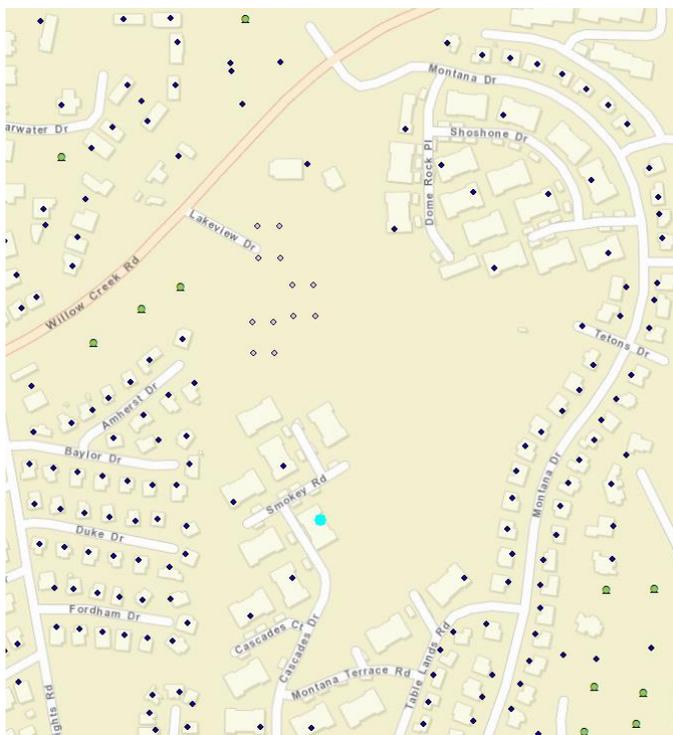
Current Conditions

Due to the current structure of the City's water impact fees, if individual meters were set at each dwelling unit in a multi-family building, the fees charged would be as follows:

Example:

Montana Terrace (each multi-family building contains 8 units)

- The 8 unit multi-family building has a 1.5" meter; water impact fees total \$12,901.
- If a 5/8" meter was set for each unit the water impact fee would be \$30,960 (\$3,870 x 8 units).

AGENDA ITEM: Individual Metering of Multi-Family Developments.

Location of Montana Terrace HOA

Other Arizona Jurisdictions

The City reviewed three jurisdictions, Flagstaff, Tucson, and Tempe.

1. Tucson has a fee structure for “multiple meter installations at the same location”, see below:

AGENDA ITEM: Individual Metering of Multi-Family Developments.

New Meter Installation: MULTIPLE Service Line Connections at the *Same Location* (such as an apartment complex); 5/8 or 3/4 inch Meter for each Connection and Pavement Replacement/*With Automated Meter Reading Device*

Multiple Meter Installation	5/8"	3/4"
2	\$2,939.60	\$2,923.62
3	\$3,611.73	\$3,587.76
4	\$4,178.63	\$4,146.67
5	\$4,988.95	\$4,949.00
6	\$5,469.26	\$5,421.32
7	\$6,969.41	\$6,913.48
8	\$7,536.81	\$7,472.89
9	\$8,708.21	\$8,636.30
10	\$9,275.13	\$9,195.23
11	\$10,430.79	\$10,342.90
12	\$10,997.68	\$10,901.80

New Meter Installation: MULTIPLE Service Line Connections at the *Same Location* (such as an apartment complex); 5/8 or 3/4 inch Meter for each Connection and *NO* Pavement Replacement/*With Automated Meter Reading Device*

Multiple Meter Installation	5/8"	3/4"
2	\$2,060.60	\$2,044.62
3	\$2,715.48	\$2,691.51
4	\$3,282.38	\$3,250.42
5	\$3,851.20	\$3,811.25
6	\$4,331.51	\$4,283.57
7	\$4,986.41	\$4,930.48
8	\$5,553.81	\$5,489.89
9	\$6,213.71	\$6,141.80
10	\$6,780.63	\$6,700.73
11	\$7,436.04	\$7,348.15
12	\$8,002.93	\$7,907.05

- City of Tempe has recently upgraded their metering to Advanced Metering Infrastructure (AMI); this has improved the identification of water customers who could increase their water efficiency or help determine an unknown leak at the customers' property. An article on AMI has been attached to this memo and a City communication with Tempe.

AGENDA ITEM: Individual Metering of Multi-Family Developments.

Submetering and Landlord-Tenant Acts

Submetering in Arizona involves the installation of equipment to measure and bill each unit's water/sewer, gas and electric use. Submetering has been used since it was invented in the early 1920's.

Arizona Residential Landlord-Tenant Act allows for Submetering and Ratio Utility Billing (RUB) System.

- It also allows to pass along administrative fees to residents, however, a lease disclosure is required. Landlords must use the rates the landlord is billed by the utility.

The Mobile Home Park Landlord-Tenant Act requires a separate meter for each user and prohibits billing residents for administrative fees.

- RUB's billing is not allowed in a Mobile Home Park.
- The landlord shall not charge more than the prevailing basic service single-family residential rate charged by the serving utility or provider.

Future opportunities

1. Prescott City Code and policy updates to require or further encourage individual metering or sub metering at multi-family buildings.
2. Improve the City's metering technology when the next meter replacement is due.

Attachments

1. AMWUA Blogpost - Tempe's Automated Metering System
2. City Communication with Tempe on May 22, 2019
3. City Communications with Tempe on May 22, 2019

Recommended Action: For information purposes.

Tempe Gets WaterSmart with New Automated Metering System (May 20, 2019)

By Warren Tenney

The City of Tempe has become the first in the Valley to utilize a fully automated system to read and bill all residential customer water meters. The new system records how much water a home uses every hour, in real time, which will benefit not only the water utility, but also residents who will be able to track their own water use. In addition, it means a monthly visit from a meter reader to manually record each household's water use will no longer be required.

Typically, there are two common ways many Valley cities read water meters electronically. The first - an employee drives past each home and a computer inside the vehicle reads each meter. The second - a water department employee drives into a neighborhood, parks a specially equipped van on a street or in a parking lot, and uses a computer to read each water meter within a half-mile or so. Some cities use a combination of these electronic systems, which are called Automatic Meter Reading (AMR).

Tempe tested but never committed to either of these AMR methods and remained one of the few Valley cities where employees still manually read water meters. The City of Tempe has now taken a giant leap to utilize this fully automated system that relies on a series of "collectors and repeaters" installed mainly on light poles that read and relay water use from Tempe's more than 43,000 water meters. It's called Advanced Metering Infrastructure (AMI).

Tempe has officially finished connecting all residential meters to the system, so now they are focusing on community outreach to let residents know about how this upgraded technology can help them save water and money.

A team of staff from the City of Tempe Water Conservation Program has been busy hitting the streets and local neighborhoods to showcase the new [WaterSmart Online Water Use Portal](#) as well as share additional resources and information including available rebates.

The new software program brings many benefits to residents by making the detailed water use data available on their computers, tablets and cellphones.

Here is some of the information Tempe residents will have at their fingertips.

- **Hourly Water Consumption:** Customers will be able to monitor their water use in real time and determine their own peak uses throughout the day. They will know how much water is used when operating the irrigation system or when doing laundry. Even better, customers will see how much water is saved when they fix irrigation system leaks, convert more yard to desert adapted landscape, or adjust irrigation times during cooler seasons. The system will use the information to build charts showing your household's daily, weekly and annual water use and to compare gallons per day (gpd).
- **High Usage and Leak Detection:** A vigilant consumer will be able to find and fix water leaks quickly. If a consumer sees water being used in the middle of the night when everyone is asleep, it will be clear that the household is paying for water no

one is using. It may be draining from a silently leaking toilet, a broken irrigation line or a water softener recycling too many times. The city will eventually be able to turn on automatic leak alerts so a customer is notified via voicemail, text and/or email when the system detects a leak.

- **Part of the Solution:** The site will compare your household water use to average water users in your neighborhood. This could let you know if your efforts to use water efficiently are paying off or if there is potential to save more. The site also will offer personalized tips on how to save water.
- **Pay Your Bill:** This same portal will link you to the site where you can electronically pay your water bill each month.

The City also will benefit from this new AMI system. For example, monthly bills are based on 30 days of water service, but that number can change. When meters are read manually, the number of days it takes to complete a route can vary because of unpredictable circumstances, such as sick days and rainy days. Adding one or two days of water usage to a bill can mean a noticeable increase in what customers pay that month. Fluctuating bills make it harder for customers to budget and often cause customer complaints and questions. The new system will provide Tempe with more accurate data within a uniform period of time, generating more consistent bills so there are fewer surprises, fewer errors and more transparency.

Water conservation professionals already are using the AMI data to track the impact of the City's water [conservation incentive programs](#), such as rebates and water audits, and to contact customers who could benefit from the programs the City offers. For example, all water systems are built to accommodate a City's annual peak water demand, which usually happens during June, July or August. This peak demand is generally driven by residential outdoor water use. Conservation and irrigation experts can provide homeowners with free [water consultations](#) or landscape water audits to help customers detect leaks and keep their yard thriving more efficiently.

So, if you reside in Tempe, visit the City's website and social media to get additional information and learn more about how you can get direct access to your WaterSmart Online Water Use Portal. This will put the ability to save water and money at your fingertips.

For 50 years, Arizona Municipal Water Users Association has worked to protect our member cities' ability to provide assured, safe and sustainable water supplies to their communities. For more water information visit www.amwua.org.

From: Bomar, Melissa [mailto:Melissa_Bomar@tempe.gov]
Sent: Wednesday, May 22, 2019 12:57 PM
To: Graser,Leslie
Subject: RE: individual metering of multi-family building (apartments)

No problem! We really love it so far... As far as the CII customers go, it's been instrumental in helping us identify issues with their landscaping. I spoke with one customer a few months ago that had no idea he had a missing sprinkler head. The irrigation was set to turn on really early in the morning and he didn't know that he was using thousands of gallons of water every cycle. Another customer I spoke with last week didn't know that his timer was set to run for 13 hours rather than just 1 hour due to not having the am/pm setting correct. Eeek!

From: Graser,Leslie <leslie.graser@prescott-az.gov>
Sent: Wednesday, May 22, 2019 11:22 AM
To: Bomar, Melissa <Melissa_Bomar@tempe.gov>
Subject: RE: individual metering of multi-family building (apartments)

Thanks Melissa, appreciate the info. Hope your new AMI system pays dividends.

Leslie Graser

Public Works -Water Resource Manager
433 N. Virginia Street | Prescott, AZ 86301
Ph: 928-777-1144
leslie.graser@prescott-az.gov

From: Bomar, Melissa [mailto:Melissa_Bomar@tempe.gov]
Sent: Wednesday, May 22, 2019 11:05 AM
To: Graser,Leslie
Cc: Sleeper, Tina
Subject: RE: individual metering of multi-family building (apartments)

Hi Leslie,

The way our AMI system is set up only allows for us to view hourly usage on the master meter for buildings (commercial, apartment, etc.). Any meters beyond the master meter would be controlled/monitored by the building owner and they cannot be linked to our system. If the building owner wanted granular data for each of his units, he would have to submeter it himself or have each unit billed separately (which would be a considerable increase in cost for the monthly meter fees). To my knowledge we do not require a building permit to install a submeter, the customer would just do it on their own.

Please let me know if you have any additional questions.

Thanks,

Melissa Bomar
City of Tempe
Water Resources Business Liaison
480-350-2684

From: Graser, Leslie <leslie.graser@prescott-az.gov>
Sent: Tuesday, May 21, 2019 3:28 PM
To: WUD-Conservation
Subject: individual metering of multi-family building (apartments)

Good afternoon Tempe Conservation,

I recently read an article on your new AMI system and reviewed your WaterSmart Online Water Use Portal. I'm assuming this system can provide consumption for individual apartment units, if they are individually metered or are sub metered after the building's master meter? Is this true?

Does the City of Tempe have codes that require or offer the opportunity for individual metering of apartment units or other multifamily dwellings? If so, can you direct me to the code section?

Thank you,
Leslie Graser
Public Works, Water Resource Manager



433 N. Virginia Street | Prescott, AZ 86301
Ph: 928-777-1144 | Fax: 928-777-1255
leslie.graser@prescott-az.gov