

ARE YOU WATER SMART?

Tucson Water is taking its maximum annual allocation of _____ gallons of Colorado River water that is delivered via Central Arizona Project (CAP) canals:

- 46.9 billion gallons
- 30.2 billion gallons
- 15.4 billion gallons

Each year Tucson Water purchases its maximum annual allocation of 46.9 billion gallons – of which approximately 18.3 billion gallons (56,172 AF) is stored underground for future use.

Answer:

WATER Etc.

Customer Question

Does Tucson Water do any customer research?

Yes – focus groups, town halls, phone surveys and more. Right now, the University of Arizona, in conjunction with Tucson Water, is seeking 600+ customers to participate in an online survey about water conservation and rebate programs.

Take the online conservation survey today
<http://cesi.arizona.edu/survey>

There are qualifiers to participate: you must be 18 years or older, a residential Tucson Water customer, own your residence, have not received a conservation rebate from Tucson Water or participated in Tucson Water research about water conservation. The survey takes no more than 20 minutes and participation is voluntary.



WATER MATTERS

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Purchasing and installing 30,000 new automatic water meters is just one Tucson Water capital project slated for this fiscal year that starts July 1.

Learn more about capital projects.

(See Working with Water, pg 4 & 5)



tucsonaz.gov/water

CITY OF TUCSON ENVIRONMENTAL SERVICES



No Styrofoam in Your Blue Barrel

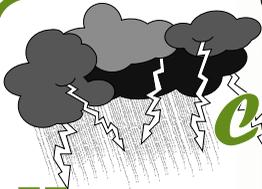
The City of Tucson does not recycle Styrofoam because it's not cost effective – Styrofoam is so light and bulky it's difficult and time consuming for recycling staff to collect a large enough amount for processing. Styrofoam – also called polystyrene – comes in many forms, including packing peanuts and packaging blocks; egg cartons; plates, cups and food containers; and even coolers. (Please remove all Styrofoam packing material from cardboard boxes before recycling the cardboard.)

3 ways to keep Styrofoam products out of a Blue Barrel

- 1) **Reuse** packing peanuts, for example
- 2) **Avoid** Styrofoam by opting for glass, paper or other recyclable materials or not buying Styrofoam products
- 3) **Dispose** of Styrofoam in your trash bin – not a Blue Barrel

Go to www.tucsonaz.gov/es/knowwheretothrow to find out where you can recycle Styrofoam packing peanuts or packaging blocks.

PIMA COUNTY WASTEWATER RECLAMATION



Summer Monsoon Rains Can Affect the Sewer System

Hheavy summer rains that infiltrate sanitary sewers can overwhelm the system.

If you see raw sewage backing up out of manholes, contact us at **(520) 724-6500** and we will dispatch a crew.

Please identify the location of the overflow by intersection, nearby cross streets, etc.



PIMA COUNTY

WASTEWATER RECLAMATION

Your utilities services statement includes fees for your water, environmental services, and wastewater.

Environmental Services (ES) (520) 791-3171 or visit tucsonaz.gov/esd

Pima County Regional Wastewater Reclamation Department (PCRWRD) (520) 724-6500 or visit www.pima.gov/wastewaterreclamation

WORKING WITH WATER



As **Tucson Water's Planning Administrator, Melodee Loyer** has an insider's perspective about the Utility's capital improvement budget, projects and process. According to Loyer, "Capital projects are much more than in the ground and done." Here she explains the "why" behind that statement and offers up some background about Tucson Water's capital projects:

What are the types of capital projects? "Tucson Water's capital improvement program (CIP) focuses on our two separate water systems: the drinking water and the reclaimed-irrigation system. The Five-Year and Fiscal Year 2016 CIP identifies and prioritizes our major projects and equipment purchases based on the needs of the system."

Why does Tucson Water do capital projects? "Capital projects ensure a reliable water system and supply. Investments made on capital projects ensures we can meet long term water reliability goals for our community."

5 Cool Capital Projects

- Purchase and install 30,000 new automatic water meters throughout service area. Benefits: improve meter reading accuracy and increase productivity of staff
- Replace aging mains in neighborhoods throughout the community including Maryvale Manor subdivision, San Paulo Village, Golf Links area, Northgate, Tierra Del Sol and others. Benefits: new infrastructure equals less breaks and water loss, and minimizes water outages for customers
- Major upgrade to the Supervisory Control and Data Acquisition (SCADA) system. Benefits: improve water reliability and system efficiency
- Install new liner, new roof and upgrade security of Rauscher Reservoir. Benefits: improve water reliability and maintain water quality
- Upgrade fire hydrant security system-wide. Benefit: reduces water theft

"Yes, the CIP is about planning, design, construction and installation of pipes, booster stations, smart meters, wells and more. But we also invest – and reinvest – major capital in maintaining all those assets.

The Reservoir Rehabilitation Program is a great example of a long term capital program that updates aging tanks and reservoirs to prevent leaks, ensure security and protect water quality."

What's the CIP budget? "In fiscal year 2016 (July 1, 2015-June 30, 2016), the Tucson Water CIP includes approximately 100 projects for \$75 million. Tucson Water's Five-Year CIP includes 150 projects representing \$300 million."

How is the CIP funded? "Tucson Water funds the CIP from water sales revenues, CAP fees, water revenue bonds and other debt financing."

Where can I find out more about capital projects? Click on www.tucsonaz.gov/files/budget/15book-cip.pdf for the City of Tucson's Approved Five-Year CIP Program 2015-2019. Tucson Water's CIP starts on B-52 (PDF page 96).

CLICK

tucsonaz.gov/water

WATCH


tucsonwater

CALL

English & Español:
(520) 791-4331

TDD

(520) 791-2639

SOCIAL



May 2015 Main Water System Report

To ensure your water is clean, safe and secure, Tucson Water conducts approximately 14,500 individual tests a year on the water in the main distribution system – before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.

Main Water System

About 95% of the water we deliver comes from renewable supplies. These test results reflect the main distribution system, divided into 10 zones:

TEST RESULTS

Zones	Hardness (mg/L*) 84 SP	Sodium (mg/L*) 84 SP	Nitrate-N (mg/L*) 84 SP	Fluoride (mg/L*) 84 SP	pH Level (S.U.) 246 SP	Temperature (deg°F) 246 SP
1	240	66	1.06	0.45	7.9	81.0
2	246	67	0.97	0.43	7.9	80.8
3	242	64	1.37	0.54	7.9	81.4
4	247	68	0.78	0.39	7.8	82.2
5	244	68	0.81	0.38	7.9	81.1
6	249	68	0.79	0.39	7.9	80.9
7	227	64	0.90	0.38	7.9	81.8
8	260	66	1.11	0.46	7.8	81.4
9	256	61	1.76	0.61	7.7	81.7
10	194	67	1.19	0.39	7.8	81.7
Avg	242	66	1.06	0.44	7.8	81.4

* mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SP = Sample Points



COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standards for positive samples
Positive results
246 samples



CHLORINE

Actual Average
246 samples 0.9 mg/L



EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L