

Community Water System Name

91-

Community Water System Number

Community water systems are required to submit a System Water Plan update every five years (A.R.S. § 45-342). A community water system is a public water system that serves at least fifteen service connections or twenty-five year-round residents.

The system water plan has three components:

- ◆ Water Supply Plan
- ◆ Drought Preparedness Plan
- ◆ Water Conservation Plan

Instructions are listed under each section of this form.

Exemptions

- Systems with a Designation of Assured or Adequate Water Supply may skip Part 1: Water Plan.
- Systems that are located in Active Management Areas (AMAs) and that are regulated under one of the programs for large municipal water providers (serve more than 250 acre-feet water per year) may skip Part 3: Conservation Plan.
- A system located in an AMA and regulated as a small provider may skip the Conservation Plan if it can demonstrate that it will be regulated as a large provider within the next five years. For instructions, see *A.R.S. § 45-342 F*.

If you have any questions, please contact us:

Planning and Data Management Division

Arizona Department of Water Resources

Phone: (602) 771-8585

Email: ecws@azwater.gov

For more information, go to <http://www.azwater.gov/azdwr/StatewidePlanning/Drought/CWS.htm>



PART 1 – WATER SUPPLY PLAN UPDATE

Community Water System Name/Number

Does your system have a Designation of Assured or Adequate Water Supply? Yes No
If yes, you may skip this section (A.R.S. § 45-342) and continue with Part 2 – Drought Plan Update.

Please select how you will report water measurements in this form. Use either gallons or acre-feet, but not both
gallons acre-feet

(Note: To convert acre-feet to gallons, multiply by 325,851. To convert gallons to acre-feet, divide by 325,851).

A. Service Area Lands

* Note: questions 1 through 5 refer to the CWS physical location and were answered on the Initial System Water Plan submitted by your CWS. Because an additional response is not required for these questions, they were omitted from this report.

6. Describe the area you serve on a separate attachment, if changed or expended from your previous SWP submitted. If you serve more than 1,850 people, you must also submit a service area map unless you have already submitted a map pursuant to A.R.S. § 498. The map or description should include the boundaries of your service area, interconnections, and transmission and distribution lines. (The map may also show streets, town limits, landmarks, etc.).

7. Type of area served (consider majority of area served). Please check all that apply:

- Residential single family
- Mixed uses (residential and non-residential)
- Commercial
- Mobile home park
- Institutional (military base, school, or correctional facility)
- Homeowners' Association or Co-operative
- Other -- If other, please describe:

8. Typical or predominant landscaping type in residential areas: Please check only one type.

- Low water-use landscaping
- Turf
- Not landscaped/not irrigated (dirt or natural desert)
- No outdoor water use (e.g. mobile homes with no yards)
- Other -- If other, describe:

B. Sources of Supply

1. Please check all sources of water supply used to meet demand in your system:

- Groundwater
- Non-CAP Colorado River water
- CAP
- Reclaimed water
- Other surface water – (If other, list source here)

2. If you checked groundwater above, do you measure water levels in your wells? Yes No

3. For each well, provide the well registration number and the most recent water level measurement and date measured, if available. (If more space is needed, please attach additional sheets.)

ADWR Well Registration Number (55 - _____)	Depth - to - Water	Date Measured

C. Interconnections

NOTE: If you are located within an Active Management Area (AMA), interconnect agreements may be reviewed by the director of the ADWR pursuant to substantive policy statement GW37 as authorized by A.R.S. §45-492(C).

1. Do you have an interconnection with another water system? Yes No
2. If yes, list name of other system(s):
3. Describe the interconnections, including conditions under which water transfer can take place:

D. Water Sold and Purchased

1. Did you sell water to another water system during the past five years? Yes No
If yes, list quantities and systems:
2. Did you purchase water from another water system during the past five years? Yes No
If yes, list systems and quantities:
Please use the same units (gallons or acre-feet) that you selected in Part 1.

E. System Production/Demand

1. How much water did you use from the sources below? If your system is not metered, please estimate. Please use the same units (gallons or acre-feet) that you selected previously.

Year	Month	Groundwater	Colorado River (Non-CAP)	CAP	Other Surface Water	Reclaimed Water	TOTAL
2011	Jan						
	Feb						
	Mar						
	Apr						
	May						
	Jun						
	Jul						
	Aug						
	Sep						
	Oct						
	Nov						
	Dec						
							Total

2011 average daily demand (divide total volume by 365 days) = _____

Year	Month	Groundwater	Colorado River (Non-CAP)	CAP	Other Surface Water	Reclaimed Water	TOTAL
2012	Jan						
	Feb						
	Mar						
	Apr						
	May						
	Jun						
	Jul						
	Aug						
	Sep						
	Oct						
	Nov						
	Dec						
							Total

2012 average daily demand (divide total volume by 365 days) = _____

Year	Month	Groundwater	Colorado River (Non-CAP)	CAP	Other Surface Water	Reclaimed Water	TOTAL
2013	Jan						
	Feb						
	Mar						
	Apr						
	May						
	Jun						
	Jul						
	Aug						
	Sep						
	Oct						
	Nov						
	Dec						
							Total

2013 average daily demand (divide total volume by 365 days) = _____

Year	Month	Groundwater	Colorado River (Non-CAP)	CAP	Other Surface Water	Reclaimed Water	TOTAL
2014	Jan						
	Feb						
	Mar						
	Apr						
	May						
	Jun						
	Jul						
	Aug						
	Sep						
	Oct						
	Nov						
	Dec						
							Total

2014 average daily demand (divide total volume by 365 days) = _____

Year	Month	Groundwater	Colorado River (Non-CAP)	CAP	Other Surface Water	Reclaimed Water	TOTAL
2015	Jan						
	Feb						
	Mar						
	Apr						
	May						
	Jun						
	Jul						
	Aug						
	Sep						
	Oct						
	Nov						
	Dec						
							Total

2015 average daily demand (divide total volume by 365 days) = _____

2. What days did you have the highest demand? If you are not sure, please estimate. Please use the same units (gallons or acre-feet) that you selected previously.

Estimated Peak Day Demand	
2011	Date:
	Quantity:
2012	Date:
	Quantity:
2013	Date:
	Quantity:
2014	Date:
	Quantity:
2015	Date:
	Quantity:

Was the production data you provided above mostly metered or mostly estimated?

- mostly metered mostly estimated

3. In the past five years, were there any instances where you were not able to meet peak demand?

Check either the first choice or any of the remaining choices that apply.

- Peak demand was always met
- Well pump failed
- Well casing collapsed
- Well went dry
- Storage tank failed
- Surface water shortage
- Distribution line break/failure
- Interconnect down
- Treatment facility problem/failure
- Other (Please describe):

F. Analysis of Projected Water Demand

1. Fill in the table below with your projected system population and projected demand. You may contact ADWR for assistance with projecting population and demand.

Please use the same units (gallons or acre-feet) that you selected previously.

Year	Projected population	Projected average daily demand on system
2021		
2026		
2036		

2. Do you anticipate problems meeting these future demands? Yes No
3. Do you expect any type of change in your area that could increase the demand on your water supply?
Check either the first choice or any of the remaining choices that apply.
- No change expected
 - Development
 - Population increase
 - Industry
 - Agriculture
 - Other (If other, describe):
4. Are you planning to make any changes to help you meet demand over the next 20 years?
Check either the first choice or any of the remaining choices that apply.
- No changes planned
 - Additional and/or improved conservation program
 - Increased storage
 - Additional wells
 - Deepen wells
 - Other state agency contact information
 - Other (If other, please describe):



A. Emergency Operations Contact Person

Name: _____

Position: _____

Phone number: _____

B. Drought Plan of Action

1. Have your drought stages and associated management measures changed in the past five years?
Yes No If yes, please describe each stage or attach a description.

2. Based on your current description of drought stages, what is the highest / worst stage you have declared in the past five years? Please check only one answer.
First stage = no drought, normal conditions
First stage = start of drought
Second stage
Third stage
Fourth stage

3. Based on your current description of drought stages, what stage of drought is your system currently in? Please check only one answer.
First stage = no drought, normal conditions
First stage = start of drought
Second stage
Third stage
Fourth stage

4. At which stage, if any, do your drought management measures begin to be mandatory? Please check only one answer.
No measures are ever mandatory
First stage = no drought, normal conditions
First stage = start of drought
Second stage
Third stage
Fourth stage

C. Implementation of Drought Stages

1. Have the indicators that you use for declaring drought stages changed?
(Precipitation and weather forecasts, regional drought conditions, range and forage conditions, aquifer levels, etc.) Yes No
If yes, either describe here, send or attach updated drought plan of action.

D. Communication with Customers

1. Has your drought communication strategy or education program changed?
Yes No If yes, please describe:

E. Emergency Supplies

1. Do you have an emergency backup water supply? Check either the first choice or any of the remaining choices that apply.
- We do not have a backup supply
 - Utilize interconnection
 - Haul water
 - Use backup well
 - Provide bottled water
 - Drill new well
 - Other (If other, please describe):
2. Should alternative/backup water supplies become necessary, do you have arrangements in place to obtain them?
Yes No
3. Have you had to use any of the following methods to augment your supply in the last five years? Check either the first choice or any of the remaining choices that apply.
- No augmentation needed
 - Use interconnection
 - Haul water
 - Use backup well
 - Provide bottled water
 - Drill new well
 - Other (If other, please describe):



PART 3 – CONSERVATION PLAN UPDATE

Community Water System Name/Number

Is your system located in an Active Management Area (AMA) and regulated under one of the programs for large municipal water providers?

Yes No

If yes, you may skip this section and continue with Part 4 – Certify and Submit.

Below are examples of water conservation measures or best management practices (BMPs) that can reduce water use, improve water efficiency, and enhance drought preparedness.

Please check all that apply.

CONSERVATION MEASURES (BEST MANAGEMENT PRACTICES)	Already implementing = ✓	Will implement in next 5 years = ✓
1. General Measures		
Wells are metered		
Service connections are metered		
Water rate structures encourage efficient water use (e.g. higher rates for higher use)		
Reclaimed water used for landscape watering		
2. Measures to Limit Lost and Unaccounted for Water		
Leak detection and repair		
Meter testing, repair and replacement		
Storage tank evaporation controls		
Infrastructure and/or storage facility improvements		
Elimination of illegal connections		
Other (Describe):		
3. Measures to Raise Public Awareness		
Free conservation handouts or materials for customers		
Conservation tips with water bills or on website		
Requesting that customers reduce water use by a % or in other ways		
Participation in special events and/or community programs		
Other (Describe):		
4. Measures to Assist Customers or Provide Outreach		
Residential audit program		
Advice on how to check home for leaks and make repairs		
Residential interior retrofit program		
Non-residential interior retrofit program		
Non-residential water budgeting program		
Residential or non-residential low water-use landscape information and/or consultations		
High water-use notification		
High water inquiry resolution		
Water waste investigations and assistance		
Other (Describe):		

5. Measures to Educate and/or Train Customers		
Adult education and/or training workshops and classes		
Youth education program		
Speakers bureau		
Xeriscape demonstration garden		
Other (Describe):		
6. Incentives for Efficient Water Use or Conservation		
Residential toilet rebate or incentive for efficient toilets		
Residential toilet replacement		
Rebates or incentives for other efficient fixtures or appliances		
Rebates or incentives for turf conversion or xeriscape installation		
Rebates or incentives for gray water or rainwater fixtures		
Non-residential rebates, incentives, loans, etc.		
Other (Describe):		
7. Measures to Restrict Water use (Conditions of Service or Ordinance)		
Prohibiting water waste or tampering		
Limiting turf or water intensive landscapes in new residences and/or developments		
Requiring low water-use landscapes		
Designating landscape watering days or times		
Prohibiting high water use activities (such as landscape watering) during peak demand hours		
Requiring water-conserving fixtures or appliances that are more efficient than specified in current state codes		
Requiring hot water recirculation devices		
Requiring retrofits on resale		
Requiring on-site rainwater harvesting		
Requiring gray water plumbing		
Requiring car wash recycling		
Requiring a water use plan for new large commercial or industrial customers		
Other (Describe):		
8. Innovation or Research Programs		
Evaluating a new technology or program		
Implementing a new technology or program		
Researching a new technology or program		
Other (Describe):		



PART 4: CERTIFY AND SUBMIT

Community Water System Name/Number

I HEREBY CERTIFY that the above statements are true to the best of my knowledge and belief.

Name of the person preparing the form

Title

Signature of person preparing the form

Date Submitted

Telephone

Email

Please return form by mail, fax or email to:

Arizona Department of Water Resources
Planning and Data Management Division
P.O. Box 36020
Phoenix, AZ 85067-6020

FAX: 602-771- 8690

EMAIL: ecws@azwater.gov

THANK YOU!

