

Arizona
Department
of Water
Resources

June
2010

Regulation under the Modified Non-Per Capita Conservation Program for 55 out of 76 large municipal providers in Arizona's Active Management Areas began in January 2010.

This report provides basic information about the status and requirements of participants in the program, including the best management practices they selected to improve water efficiency in their service areas.

An update to this report will be available after participating providers submit their Conservation Efforts Reports for calendar year 2010.

Modified Non-
Per Capita
Conservation
Program:
June 30, 2010
Midyear Report

Modified Non-Per Capita Conservation Program 2010 MidYear Report

Prepared by Ruth Greenhouse, Water Management Division

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1. Background

The Modified Non-Per Capita Conservation Program (MNPCCP) was developed in conjunction with stakeholders from all Active Management Areas (AMAs). It became effective in May 2008 and is described in the Second Modification to Chapter 5 of the Third Management Plan.

Participation in the program is required for all large municipal water providers that do not have a Designation of Assured Water Supply (DAWS) and that are not regulated as a large untreated water provider or an insititutional provider. Participation in the program is optional for large municipal providers that have a DAWS. (A large municipal provider is a city, town or private water company that serves more than 250 acre-feet of water per year.) To date, 55 out of 76 large municipal providers are regulated under the program.

The MNPCCP requires participating providers to implement best management practices that result in water use efficiency in their service areas. A water provider regulated under the program must implement a required basic public education program and choose one or more additional Best Management Practices (BMPs) based on its size as defined by its combined total of residential and non-residential water service connections:

- Tier 1 – up to 5,000 service area connections: one additional BMP
- Tier 2 – 5,001 - 30,000 service area connections: five additional BMPs
- Tier 3 – more than 30,000 service area connections: ten additional BMPs

The 53 BMPs are divided into the following seven categories:

1. Public Awareness
2. Education and Training
3. Outreach Services
4. Physical System Evaluation and Improvements
5. Ordinances, Conditions of Service, Tariffs
6. Rebates/Incentives
7. Research/Innovation

2. Advisory Committee

An Advisory Committee was established to assist ADWR in the evaluation of the effectiveness of the program. The Advisory Committee was selected based on stakeholder recommendations to include a mix of policy staff and conservation practitioners and:

- at least one representative from each AMA and each tier,
- several representatives of private water companies,
- at least one representative each from a municipality that has a DAWS and one that does not have a DAWS,
- a representative in the existing NPCCP,
- a representative from the agricultural use sector, and
- a representative from the Arizona Corporation Commission.

Current Advisory Committee members:

1. Bruce Hallin, Salt River Project
2. Fernando Molina, Tucson Water Department
3. Graham Symmonds, Global Water Resources
4. Gregg Capps, City of Chandler
5. Jake Lenderking, Arizona American Water
6. Shilpa Hunter-Patel, Robson Communities
7. John Munderloh, Town of Prescott Valley
8. Martin Garland, Rio Rico Utilities, Inc.
9. Ron Whittler, Town of Buckeye
10. Steve Olea, Arizona Corporation Commission
11. Steve Olson, Arizona Municipal Water Users Assn.
12. Tom Harrell, Arizona Water Company
13. Warren Tenney, Metro Domestic Water Improvement District

Current ADWR staff:

1. Ruth Greenhouse, MNPCCP coordinator
 2. Andrew Craddock, compliance coordinator
- Note: Prior to the May 2010 reduction in force, ADWR staff from each AMA participated in the administration of this program.*

The committee met four times between October 2008 and March 2009 and received updates via email correspondence. They provided input on the guidance document, forms, educational workshops, materials, and other program components that are under ongoing evaluation. Future meetings will focus on developing a comprehensive plan to evaluate the results of the program, including BMP selection and implementation. The first comprehensive evaluation report is scheduled to be completed after the first year or two of program implementation.

3. Program Resources

The following resource materials, documentation, and forms are posted on the ADWR website at www.azwater.gov/MNPCCP:

Description and Requirements

- Modifications to Chapter 5, Municipal Conservation Program, Third Management Plan
- MNPCCP At-A-Glance
- Substantive Policy Statement and Guidance Document
- Frequently Asked Questions
- Description of Best Management Practices and Public Education Program
- List of BMPs
- 2009 MNPCCP Progress Report

Forms

- Provider Profile (revised 2010)
- Conservation Efforts Report (revised 2010)

Background

- Public hearing and finding; Orders of Adoption
- Background and Rationale for Program Development
- Evaluation and Stakeholder Process

Planning Tools, Fact Sheets, Presentations

- Suggestions for Matching Service Area Characteristics with BMPs (matrix)
- BMPs Applicable to All
- January 20, 2009 Workshop: Implementing the Basic Public Education Program
- March 10, 2009 Workshop: System Audits, Metering, and Leak Detection
- Get Started with Water Conservation Education: Tips for Water Providers
- Flier: "What's Helpful- What's New" (December 2009)

4. MNCCP History through June 2010

		Number of Profiles Approved
May 2008	MNPCCP went into in effect.	
June 2008	46 providers were noticed or informed about the MNPCCP and that Provider Profiles for those required to enter the program were due July 1, 2009.	
July 2009	43 providers submitted Provider Profiles by July 1, 2009 and were approved for programs to begin January 2010. (See January 2010: Of the three remaining whose Profiles were due in July, two [UA and Davis Monthan AFB] were approved in January 2010. and one [Luke AFB] is regulated as an institutional provider ¹ .	43
December 2009	Nine additional providers that do not have a DAWS were noticed that their Provider Profiles were due by June 3, 2010.	0
January 2010	Three Profiles approved: Town of Florence (voluntarily entered the program), University of Arizona, and Davis-Monthan Air Force Base.	3
June 2010	Nine Profiles received from the providers noticed in December 2009 were approved by June 3, 2010.	9
Number in each AMA: <ul style="list-style-type: none"> • Phoenix: 26 (47%) • Pinal 6 (11%) • Prescott 2 (4%) • Santa Cruz 3 (5%) • Tucson <u>18 (33%)</u> 55 (100%) Number in each Tier: <ul style="list-style-type: none"> • Tier 1 37 (67%) • Tier 2 17 (31%) • Tier 3 <u>1 (2%)</u> 55 (100%) Total number of providers with a DAWS: 4 (7%) Total number of providers without a DAWS: <u>51 (93%)</u> 55 (100%)		TOTAL 55

5. Large Providers in the MNPCCP as of June 30, 2010

	<i>Provider Name</i>	<i>AMA</i>	<i>DAWS²</i>	<i>Tier</i>	<i>BMPs Selected³</i>	<i>Date Profile Due</i>	<i>Date Profile Approved₄</i>	<i>Date Program to Begin</i>
1.	Adaman Mutual Water Company	Phoenix AMA	U	1	4.2	7/1/09	9/18/09	1/1/10
2.	Arizona American Agua Fria	Phoenix AMA	U	3	1.1, 2.1, 2.2, 3.1, 3.4, 3.6, 3.7, 4.2, 4.3, 7.6	7/1/09	6/25/09	1/1/10
3.	Arizona American Paradise Valley	Phoenix AMA	U	1	1.1	7/1/09	6/25/09	1/1/10
4.	Arizona American Sun City	Phoenix AMA	U	2	1.1, 2.1, 3.1, 3.4, 4.2	7/1/09	6/25/09	1/1/10
5.	Arizona American Sun City West	Phoenix AMA	U	2	1.1, 2.1, 3.1, 3.4, 4.2	7/1/09	6/25/09	1/1/10
6.	Arizona American Tubac	Santa Cruz AMA	U	1	1.1	7/1/09	6/25/09	1/1/10

	<i>Provider Name</i>	<i>AMA</i>	<i>DAWS²</i>	<i>Tier</i>	<i>BMPs Selected³</i>	<i>Date Profile Due</i>	<i>Date Profile Approved⁴</i>	<i>Date Program to Begin</i>
7.	Arizona Water Company Apache Junction	Phoenix AMA	U	2	3.1, 3.6, 3.8, 4.1, 4.2	7/1/09	8/24/09	1/1/10
8.	Arizona Water Company Casa Grande	Pinal AMA	U	2	3.1, 3.6, 3.8, 4.1, 4.2	7/1/09	8/24/09	1/1/10
9.	Arizona Water Company Coolidge	Pinal AMA	U	1	4.2	7/1/09	8/24/09	1/1/10
10.	Arizona Water Company Oracle	Tucson AMA	U	1	4.2	7/1/09	8/24/09	1/1/10
11.	Arizona Water Company Superior	Phoenix AMA	U	1	4.2	7/1/09	8/24/09	1/1/10
12.	Arizona Water Company White Tanks	Phoenix AMA	U	1	4.2	7/1/09	8/24/09	1/1/10
13.	Avra Water Co-op	Tucson AMA	U	1	3.7	7/1/09	8/12/09	1/1/10
14.	Berneil Water Company	Phoenix AMA	U	1	3.7	7/1/09	6/25/09	1/1/10
15.	Buckeye, Town of	Phoenix AMA	U	2	5.2, 5.8, 6.1, 6.6, 7.5	7/1/09	7/9/09	1/1/10
16.	Carefree Water Company	Phoenix AMA	U	1	3.6	7/1/09	6/25/09	1/1/10
17.	Cave Creek, Town of	Phoenix AMA	U	1	2.3	7/1/09	9/18/09	1/1/10
18.	Clearwater Utilities Company	Phoenix AMA	U	1	3.7	6/3/10	5/24/10	5/24/10
19.	Community Water Company of Green Valley	Tucson AMA	U	2	1.2, 3.4, 3.6, 3.7, 4.2	7/1/09	7/9/09	1/1/10
20.	Davis Monthan AFB	Tucson AMA	U	1	4.1	7/1/09	1/8/10	1/8/10
21.	Desert Hills Water Company	Phoenix AMA	U	1	2.4	7/1/09	9/18/09	1/1/10
22.	Diversified Water Utility Company	Phoenix AMA	U	1	3.6	6/3/10	6/24/10	6/24/10
23.	Farmers Water Company	Tucson AMA	U	1	4.2	7/1/09	7/9/09	1/1/10
24.	Florence, Town of	Pinal AMA	D	1	1.1	Opted in	1/8/10	1/8/10
25.	Green Valley DWID	Tucson AMA	U	1	4.2	7/1/09	8/24/09	1/1/10
26.	H2O Water Company	Phoenix AMA	U	2	2.2, 3.7, 4.2, 7.3, 7.7	7/1/09	9/18/09	1/1/10
27.	Lago Del Oro Water Company	Tucson AMA	U	2	3.6, 3.7, 4.1, 4.2, 4.3	7/1/09	8/24/09	1/1/10
28.	Las Quintas Serenas Water Company	Tucson AMA	U	1	4.2	7/1/09	8/24/09	1/1/10
29.	Litchfield Park Service Company	Phoenix AMA	U	2	1.2, 2.3, 3.7, 3.8, 6.11	7/1/09	8/24/09	1/1/10
30.	Los Cerros Water Company	Tucson AMA	U	1	4.2	7/1/09	5/24/10	5/24/10

	<i>Provider Name</i>	<i>AMA</i>	<i>DAWS²</i>	<i>Tier</i>	<i>BMPs Selected³</i>	<i>Date Profile Due</i>	<i>Date Profile Approved⁴</i>	<i>Date Program to Begin</i>
31.	Marana Domestic	Tucson AMA	U	1	4.2	7/1/09	8/24/09	1/1/10
32.	Marana, Town of	Tucson AMA	D	2	2.3, 3.4, 3.6, 3.7, 7.6	Opted in	8/24/09	1/1/10
33.	Metro DWID - Hub System	Tucson AMA	U	1	6.7, 6.8 combined	6/3/10	1/8/10	1/8/10
34.	New River Utility Company	Phoenix AMA	U	1	4.2	6/3/10	6/24/10	6/24/10
35.	Picacho Water Company	Pinal AMA	U	1	3.7	7/1/09	8/24/09	1/1/10
36.	Pima Utilities	Phoenix AMA	U	2	3.6 3.7, 3.8, 4.1, 4.2	7/1/09	8/24/09	1/1/10
37.	Prescott Valley, Town of	Prescott AMA	U	2	1.1, 2.4, 3.6, 4.2, 7.5	7/1/09	9/18/09	1/1/10
38.	Prescott, City of	Prescott AMA	D	2	1.1, 2.2, 3.4, 5.8, 6.9	Opted in	9/18/09	1/1/10
39.	Quail Creek Water Company	Tucson AMA	U	1	4.2	6/3/10	6/24/10	6/24/10
40.	Queen Creek, Town of	Phoenix AMA	U	2	1.2 3.6 3.7 4.2 7.5	7/1/09	8/24/09	1/1/10
41.	Ray Water Company	Tucson AMA	U	1	2.3	7/1/09	7/9/09	1/1/10
42.	Ridge View Water Company	Tucson AMA	U	1	4.2	6/3/10	6/24/10	6/24/10
43.	Rio Rico Utilities	Santa Cruz AMA	U	2	1.2, 2.3, 2.5, 3.6, 4.2	7/1/09	9/18/09	1/1/10
44.	Rio Verde Utilities	Phoenix AMA	U	1	2.3	7/1/09	9/18/09	1/1/10
45.	Rose Valley Water Company	Phoenix AMA	U	1	3.7	7/1/09	7/9/09	1/1/10
46.	Saguaro Water Company	Tucson AMA	U	1	3.7	6/3/10	6/24/10	6/24/10
47.	Santa Cruz Water Company (Global)	Pinal AMA	D	2	1.1, 2.2, 3.6, 4.3, 5.4	Opted in	9/18/09	1/1/10
48.	Sunrise Water Company	Phoenix AMA	U	1	3.6	7/1/09	6/25/09	1/1/10
49.	Thunderbird Farms Improvement District	Pinal AMA	U	1	4.2	7/1/09	9/18/09	1/1/10
50.	Tolleson, City of	Phoenix AMA	U	1	3.6	7/1/09	7/9/09	1/1/10
51.	University of Arizona	Tucson AMA	U	1	7.3	7/1/09	1/8/10	1/8/10
52.	Valencia Water Company (Global)	Phoenix AMA	U	2	1.1, 2.2, 3.6, 4.3, 7.1	6/3/10	6/24/10	6/24/10
53.	Valle Verde Water Company	Santa Cruz AMA	U	1	4.2	7/1/09	9/18/09	1/1/10
54.	Valley Utilities Water Company	Phoenix AMA	U	1	4.2	7/1/09	9/18/09	1/1/10
55.	Voyager Water Company	Tucson AMA	U	1	3.4	7/1/09	8/24/09	1/1/10

6. Analysis of BMPs Selected by 55 Water Providers

The following general comments describe the best management practices (BMPs) selected by water providers to meet the requirements of the MNPCCP:

1). BMPs from Categories 3 (Outreach Services) and 4 (Physical System Improvements) were selected the most frequently.

- Of the total 55 providers, 35% selected BMPs from Category 3 and 28% selected BMPs from Category 4.
- Of the 37 Tier 1 providers, 30% selected BMPs from Category 3 and 46% selected BMPs from Category 4.

2). The BMP selected most frequently was 4.2 (Meter Repair and Replacement); it was selected by 51% of the 55 providers. This was followed by 3.6 (Customer high water use inquiry resolution) selected by 29% of the 55 providers and 3.7 (Customer high water use notification) selected by 25% of the 55 providers.

3). BMPs from Categories 5 (Ordinances, Conditions of Service, Tariffs) and 6 (Rebates and Incentives) were selected the least frequently.

Selection of Best Management Practices (BMPs) by 55 Water Providers in the MNPCCP as of June 30, 2010						
	Of the 53 BMPs, the 29 below were selected by water providers to meet MNPCCP requirements:	Tier 1 (37) 1 BMP each	Tier 2 (17) 5 BMPs each	Tier 3 (1) 10 BMPs each	Total (55)	Of the 53 BMPs, the 24 below were not selected:
CATEGORY 1 Public Awareness/ Public Relations	1.1 Messaging program	3	6	1	10	1.3 Market surveys
	1.2 Events/programs/ presentations	0	4	0	4	
	<i>Total selected</i>	3 (8%)	10	1	14 (11%)	
CATEGORY 2 Education & Training	2.1 Adult education and training	0	2	1	3	
	2.2 Youth conservation education	0	4	1	5	
	2.3 New homeowner landscape information	3	3	0	6	
	2.4 Xeriscape demo. Garden	1	1	0	2	
	2.5 Distribution plan for materials	0	1	0	1	
<i>Total selected</i>	4 (11%)	11	2	17 (13%)		
CATEGORY 3 Outreach Services	3.1 Residential audit program	0	4	1	5	3.2 Landscape consultations 3.3 Water budgeting program 3.5 Interior retrofits (non-res.)
	3.4 Residential interior retrofits	1	5	1	7	
	3.6 High water use inquiry resolution	4	11	1	16	
	3.7 High water use notification	6	7	1	14	
	3.8 Water waste investigations	0	4	0	4	
<i>Total selected</i>	11 (30%)	31	4	46 (35%)		

Selection of Best Management Practices (BMPs) by 55 Water Providers in the MNPCCP as of June 30, 2010						
	Of the 53 BMPs, the 29 below were selected by water providers to meet MNPCCP requirements:	Tier 1 (37) 1 BMP each	Tier 2 (17) 5 BMPs each	Tier 3 (1) 10 BMPs each	Total (55)	Of the 53 BMPs, the 24 below were not selected:
CATEGORY 4 Physical System Evaluation & Improvement	4.1 Leak detection program	1	4	0	5	
	4.2 Meter repair/replacement	16	11	1	28	
	4.3 Water system audit	0	3	1	4	
<i>Total selected</i>		17 (46%)	18	2	37 (28%)	
CATEGORY 5 Ordinances, Conditions of Service, Tariffs	5.2 Water tampering/water waste	0	1	0	1	5.1 Low water use landscaping 5.3 Plumbing code requirements 5.5 Model home landscapes 5.6 Gray water/water harvesting 5.7 Car wash water recycling 5.9 Hot water recirculation devices 5.10 Retrofit on resale 5.11 Landscape standards (non-res.) 5.12 Conservation tariff (PWC) 5.13 Water use plans
	5.4 Limit water intensive landscaping	0	1	0	1	
	5.8 Landscape watering restrictions	0	2	0	2	
<i>Total selected</i>		0 (0%)	4	0	4 (3%)	
CATEGORY 6 Rebates/ Incentives	6.1 Toilet rebate	0	1	0	1	6.2 High efficiency toilet rebate 6.3 Toilet replacement 6.4 Indoor water fixtures 6.5 Hot water systems 6.10 Xeriscape new landscapes 6.12 Large landscape conservation 6.13 Non-res. no/low interest loans
	6.6 Water efficient appliances rebate	0	1	0	1	
	6.7 Graywater retrofit	.5	0	0	1	
	6.8 Rainwater retrofit	.5	0	0	1	
	6.9 Landscape conversion rebate	0	1	0	1	
	6.11 Commercial/Industrial program	0	1	0	1	
<i>Total selected</i>		1 (2%)	4	0	5 (4%)	
CATEGORY 7 Research/ Innovation	7.1 Pilot a new initiative or program	0	1	0	1	7.2 Conduct applied research 7.4 Analyse for water savings 7.8 Pilot new project/program
	7.3 Evaluate new approaches	1	1	0	2	
	7.5 Implement smart irrigation	0	3	0	3	
	7.6 Develop industry partnerships	0	1	1	2	
	7.7 Support new technologies	0	1	0	1	
<i>Total selected</i>		1 (2%)	7	1	9 (7%)	
		37	85	10	132 total (100%)	
		37 X 1 BMP = 37 total	17 X 5 BMPs = 85 total	1 X 10 BMPs = 10 total		

7. Large Providers in Regulatory Programs other than the MNPCCP as of June 30, 2010 (Other regulatory programs are: GPCD⁵, NPCCP⁶, ACP⁷, or IPP⁸)

	<i>Provider Name</i>	<i>AMA</i>	<i>DAWS</i>	<i>Regulatory Program as of 9/09</i>	<i>Tier</i>
1.	Apache Junction Water Facilities District	Phoenix AMA	D	GPCD	1
2.	Avondale, City of	Phoenix AMA	D	GPCD	2
3.	Chandler, City of	Phoenix AMA	D	NPCCP	3
4.	Chaparral City Water Company	Phoenix AMA	D	GPCD	2
5.	El Mirage, City of	Phoenix AMA	D	GPCD	2
6.	Eloy, City of	Pinal AMA	D	ACP	1
7.	Flowing Wells	Tucson AMA	D	GPCD	1
8.	Gilbert, Town of	Phoenix AMA	D	NPCCP	3
9.	Glendale, City of	Phoenix AMA	D	GPCD	3
10.	Goodyear, City of	Phoenix AMA	D	GPCD	2
11.	Luke Air Force Base	Phoenix AMA	U	IPP	1
12.	Mesa, City of	Phoenix AMA	D	GPCD	3
13.	Metro DWID - Main System	Tucson AMA	D	GPCD	2
14.	Nogales, City of	Santa Cruz AMA	D	GPCD	2
15.	Oro Valley, Town of	Tucson AMA	D	GPCD	2
16.	Peoria, City of	Phoenix AMA	D	GPCD	3
17.	Phoenix, City of	Phoenix AMA	D	GPCD	3
18.	Scottsdale, City of	Phoenix AMA	D	NPCCP	3
19.	Tempe, City of	Phoenix AMA	D	NPCCP	3
20.	Tucson, City of	Tucson AMA	D	GPCD	3
21.	Vail Water Company	Tucson AMA	D	GPCD	1

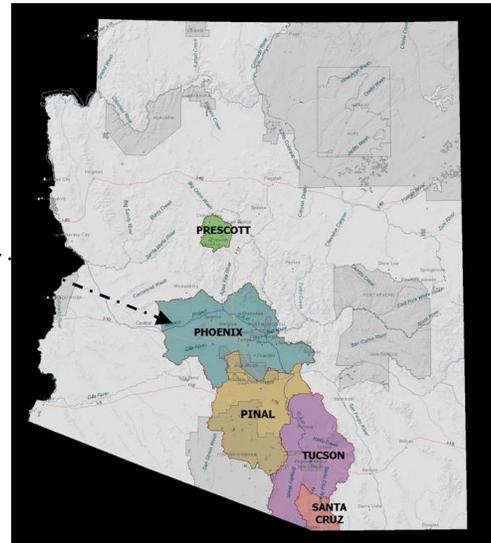
APPENDIX 1: Regulatory Programs of Large Municipal Providers by AMA

Phoenix AMA
Total Large Providers: 40

Providers in the MNPCCP
(Note: None has a DAWS.)

	<u>Tier</u>
1. Adaman Mutual Water Company	1
2. Arizona American Agua Fria	3
3. Arizona American Paradise Valley	1
4. Arizona American Sun City	2
5. Arizona American Sun City West	2
6. Arizona Water Company Apache Junction	2
7. Arizona Water Company Superior	1
8. Arizona Water Company White Tanks	1
9. Berneil Water	1
10. Buckeye, Town of	2
11. Carefree Water Company	1
12. Cave Creek, Town of	1
13. Clearwater Utilities Company	1
14. Desert Hills Water Company	1
15. Diversified Water Utility	1
16. H2O Water Company	2
17. Litchfield Park Service Company	2
18. New River Utility Company	1
19. Pima Utilities	2
20. Queen Creek, Town of	2
21. Rio Verde Utilities	1
22. Rose Valley Water Company	1
23. Sunrise Water Company	1
24. Tolleson, City of	1
25. Valencia Water Company (Global)	2
26. Valley Utilities Water Company	1

Tier 1: 16 (61%)
Tier 2: 9 (35%)
Tier 3: 1 (4%)
Total: 26 (100%)



Providers in the GPCD *(Each has a DAWS.)*

	<u>Tier</u>
1. Apache Junction WFD	1
2. Avondale, City of	2
3. Chaparral City WC	2
4. El Mirage, City of	2
5. Glendale, City of	3
6. Goodyear, City of	2
7. Mesa, City of	3
8. Peoria, City of	3
9. Phoenix, City of	3

Providers in the NPCCP *(Each has a DAWS.)*

10. Chandler, City of	3
11. Gilbert, Town of	3
12. Scottsdale, City of	3
13. Tempe, City of	3

Provider in the IPP

14. Luke Air Force Base <i>(does not have a DAWS)</i>	1
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Pinal AMA

Total Large Providers: 7

Providers in the MNPCCP Program

(D = has a DAWS; U = does not have a DAWS)

	<u>Tier</u>
1. Arizona Water Company Casa Grande (U)	2
2. Arizona Water Company Coolidge (U)	1
3. Florence, Town of (D)	1
4. Picacho Water Company (U)	1
5. Santa Cruz Water Company – Global (D)	2
6. Thunderbird Farms Improvement District (U)	1

Provider in the ACP

7. Eloy, City of (D)	1
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Prescott AMA

Total Large Providers: 2

Providers in the MNPCCP Program

	<u>Tier</u>
1. Prescott Valley, Town of (does not have a DAWS)	2
2. Prescott, City of (has a DAWS)	2

Santa Cruz AMA

Total Large Providers: 4

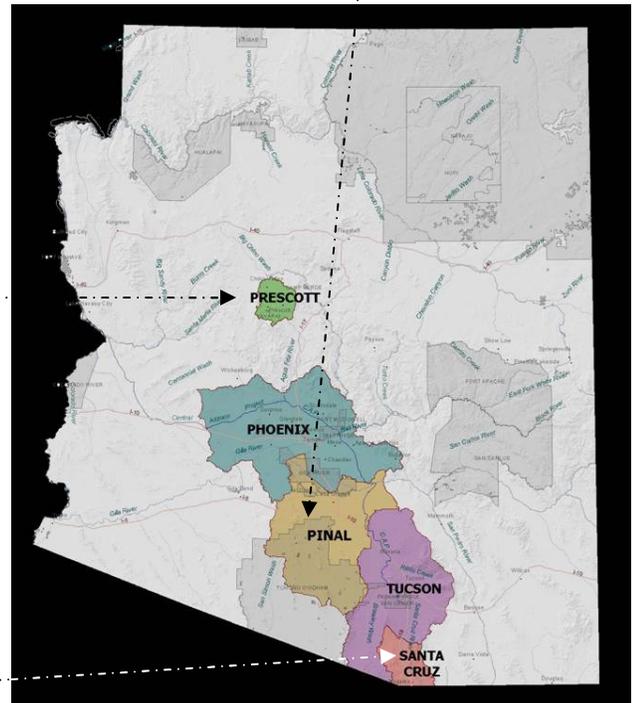
Providers in the MNPCCP Program

(None has a DAWS)

	<u>Tier</u>
1. Arizona American Tubac	1
2. Rio Rico Utilities	2
3. Valle Verde Water Company	1

Large Providers in the GPCD

4. City of Nogales (has a DAWS)	2
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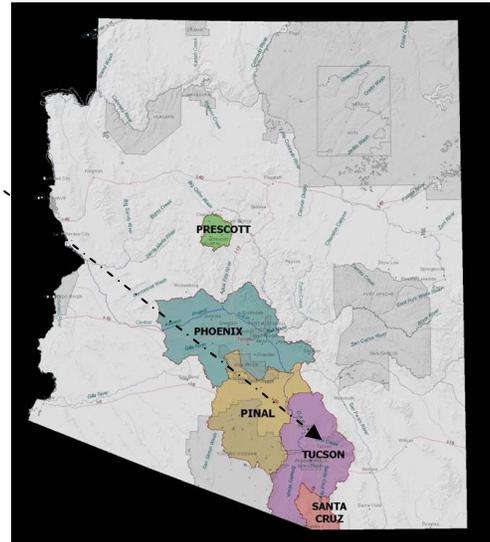


Tucson AMA
Total Large Providers: 23

Providers in the MNPCCP (None has a DAWS except Town of Marana)

	<u>Tier</u>
1. Arizona Water Company Oracle	1
2 Avra Water Co-op	1
3 Comm. Water Company of Green Valley	2
4. Davis Monthan AFB	1
5. Farmers Water Company	1
6. Green Valley DWID	1
7. Lago Del Oro Water Company	2
8. Los Cerros Water Company	1
9. Las Quintas Serenas Water Company	1
10. Marana DWID	1
11. Marana, Town of (has a DAWS)	2
12. Metro DWID - Hub System	1
13. Quail Creek Water Company	1
14. Ray Water Company	1
15. Ridgeview Water Company	1
16. Saguaro Water Company	1
17. University of Arizona	1
18. Voyager Water Company	1

Tier 1: 15 (83%)
Tier 2: 3 (17%)
Tier 3: 0
Total = 18 (100%)



Providers in the GPCD (All have a DAWS)

	<u>Tier</u>
19. Flowing Wells Water Company	1
20. Metro DWID Main System	2
21. Oro Valley, Town of	2
22. Tucson, City of	3
23. Vail Water Company	1

Appendix 2: Arizona Corporation Commission BMP Requirements

The Arizona Corporation Commission (ACC) regulates private water companies throughout Arizona. In an effort to aggressively encourage conservation, they sometimes require a water company to implement best management practices (BMPs) from the MNPCCP list, and when doing so, require more BMPs than would be required under the MNPCCP⁹. Following are the requirements to date:

	Water Utility Company	County	In AMA?	In MNPCCP?	ACC Decision Number
1.	Arizona American Water Company	Agua Fria, Paradise Valley, and Sun City West systems are in Maricopa County; Tubac is in Santa Cruz County; One system each in Havasu and Mohave Counties	Agua Fria, Paradise Valley, and Sun City West systems are in the Phoenix AMA; Tubac system is in the Santa Cruz AMA	Yes: Agua Fria – Tier 3; Paradise Valley – Tier 1; Sun City West – Tier 2; Tubac – Tier 1	#71410 10 BMPs for each system
2.	Community Water Company of Green Valley	Pima County	Yes: Tucson AMA	Yes: Tier 1	#71478 5 BMPs – not yet applicable
3.	Double Diamond Utilities	Mohave County	No	No	#70352 4 BMPs
4.	Global Water - Picacho Cove Utilities Co.	Pinal County,	Yes: Pinal AMA	No	#71238 10 BMPs
5.	ICR Water Users Association	Yavapai County	No	No	#70977 10 BMPs
6.	Keaton Development Company	La Paz County	No	No	#70745 5 BMPs:
7.	Perkins Mountain Water Company	Mohave County	No	No	#70663 10 BMPs
8.	Pineview Water Company, Inc.	Showlow	No	No	#71693 5 BMPs (not yet applicable)
9.	Ridgeline Water Company	Pima County	Yes: Tucson AMA	No	#70748 5 BMPs
10.	Sahuarita Water Company	Pima County	Yes: Tucson AMA	No: is a small provider	#70620 5 more than required by ADWR
11.	Sunrise Water Company	Maricopa County	Yes: Phoenix AMA	Yes: Tier 1	#71445 8 BMPs
12.	Valley Utilities Water Company	Maricopa County	Yes: Phoenix AMA	Yes: Tier 1	#71482 5 BMPs – not yet applicable
13.	Wickenburg Ranch Water	Yavapai County	No	No	#70741 10 BMPs

Endnotes

¹ An institutional provider is a large municipal provider that supplies more than 90 percent of its total water deliveries to non-residential water users. These providers are regulated under the Institutional Provider Program, a program that focuses on the specific institutional water use characteristics of their service areas.

² D = Designation of Assured Water Supply ; U = Undesignated, i.e, does not have a Designation of Assured Water Supply

³ Providers may be implementing additional BMPs other than those selected to be reviewed by ADWR.

⁴ Providers noticed in June 2008 that their Profiles were due by July 1, 2009 were required to begin their programs January 1, 2010. Providers noticed December 3, 2009 that their Profiles were due June 3, 2010 were required to begin their programs on the date their Profiles were approved.

⁵ GPCD (Gallons Per Capita Per Day): Providers have a maximum total GPCD requirement.

⁶ NPCCP (Non-Per Capita Conservation Program): Providers that have a DAWS or are members of a groundwater replenishment district must implement conservation measures.

⁷ ACP (Alternative Conservation Program): Providers must implement conservation measures in addition to a maximum residential GPCD requirement.

⁸ IPP (Institutional Provider Program): Program focuses on the specific institutional water use characteristics of the provider's service area and requires a maximum residential GPCD.

⁹ October 15, 2007 memo from Commissioner Kris Mayes to the Commission regarding "Commission Policy on Department of Water Resources' Best Management Practices for Water Utilities".

For more information:

Modified Non-Per Capita Conservation Program:
<http://www.azwater.gov/mnpccp>

Third Management Plan
<http://www.azwater.gov/AzDWR/WaterManagement/AMAs/documents/ch5-phx.pdf>

Modifications to Chapter 5, Third Management Plan
http://www.azwater.gov/AzDWR/WaterManagement/AMAs/documents/TMP_NPCCP_Mod_Phoenix_April_2008.pdf