



City/County Water and Wastewater Study Oversight Committee



August 13, 2008

TO: City of Tucson Mayor and Council Members
Pima County Board of Supervisors

FROM: City/County Water and Wastewater Study Oversight Committee

RE: Progress Report #2

Introduction

Phase I of the City / County Water and Wastewater Infrastructure, Supply and Planning Study is nearing the mid-way point. On May 23, 2008 the Oversight Committee submitted its first progress report to the Mayor and Council and Board of Supervisors addressing recommendations for public participation. As promised in the first report, the Committee respectfully submits this second progress report providing an update on Phase I activities.

The major focus of Phase I to date has been the presentation of existing data and information on water, wastewater and reclaimed water infrastructure, supply and financing of each respective system. Additionally, an assessment of the condition and capacity of each system is being developed specifically to consider the ability to serve existing and future populations. Phase I will include an evaluation of critical factors and studies related to determining the sustainable water population of the City/County service area. Yet another goal for Phase I is increased coordination and communication among Tucson Water and Pima County Regional Wastewater Reclamation Department (PCRWRD) staff.

Inventory and Assessment

A technical working group consisting of management and engineering staff from Tucson Water and PCRWRD was formed to coordinate the inventory and assessment of water and wastewater infrastructure and supply for the joint City/County service area. This group has worked collaboratively to conduct the inventory and assessment and prepare a series of excellent educational presentations for the Oversight Committee and public. A number of outside subject matter experts have also been invited to present to provide a broader context to the discussion.

Since early June, the Committee has received five educational presentations on water and wastewater systems, infrastructure, resources, and financing. The presentations have been made by Tucson Water and Pima County Wastewater staff as well as outside experts in the water and wastewater fields. The schedule of completed presentations to date is listed below. Detailed agendas for each meeting are attached to this report.

June 11	Overview of water and wastewater systems; history, institutional and regulatory background
June 25	Customers and water/wastewater demands; Available water resources
July 9	Potable water, wastewater, and reclaimed water delivery systems
July 23	Currently planned new water and wastewater infrastructure
August 13	Financial planning

Question and answer sessions among Committee members, the audience and the presenters followed each presentation. The Power Point presentations, meeting summaries and issue response summaries reflecting answers to questions that required additional research are posted on the project website: www.tucosnpimawaterstudy.com.

The initial five presentations were driven by the Water/Wastewater technical working group. The subsequent six presentations will focus on broader issues related to water sustainability in our region. These presentations are being planned and coordinated by Committee Chair and Vice Chair in conjunction with the Technical Working Group, staff, and government, agency, and university experts in these subjects. These final six presentations/discussions are planned as follows:

August 27	Population Trends
September 3	Land Use and Planning for Growth
September 10	Future Water Resource Availability – Part 1
September 17	Future Water Resource Availability – Part 2
September 24	Sustainability
October 2	Sustainability

At Committee direction, staff will compile the presentations as part of the final Phase I report to be submitted in December 2008.

Public Participation

To date, over 130 participants have attended Water and Wastewater Study meetings, with an average attendance of 40 people at each meeting. A list of attendees is attached. Meeting attendees have generally represented the following interests:

- 21% Neighborhoods and/or Environmental Interests
- 20% Water Professionals/Technical Experts
- 19% City/County Staff
- 17% Other Jurisdictions/Water Providers
- 13% Business/Development Interests
- 10% Staff from Elected Official Offices

A database of approximately 1,800 contacts has been established and e-mail notification of each meeting is sent to the list. The Study website (tucsonpimawaterstudy.com) is updated weekly with materials from the meetings as well as responses to questions received. Posters notifying the public about the Study have been placed in Sun Tran buses and Study brochures have been placed at libraries. Notifications of the meetings have been posted in community calendars. The *Water Connection* issue that will go out in the August water bills will include a discussion of the Study.

The educational sessions are being audio and video-taped. The audio and video files are posted to the study website and the videos from the meetings are being aired on Channel 12 (Saturdays 3:00 p.m. and Mondays 11:00 p.m.) and Access Tucson (Tuesdays 8:00 p.m. and Fridays 8:00 a.m.). Channel 12's City News is covering the Study beginning July 21st and the Desert Living program also on Channel 12 will include a feature on the Study beginning July 28th. There were a total of 6,513 visits to the project website from May through July 2008.

Coordination with Other Utilities

Phases 3 & 4 outlined in the Scope of Work call for other water and wastewater providers in the region to engage in their own "Phase 1 & 2 Study". The Mayor and Council and Board of Supervisors requested that Phases 3 & 4 be moved up sooner and conducted parallel to Phases 1 & 2 if possible.

At this time, the Committee Chair has sent 3 letters to other water/wastewater providers inviting them to begin their own Phase I process. On July 15, 2008 Water and Wastewater staff attended the SAWUA (Southern Arizona Water Users Association) meeting to discuss the study and address questions and concerns. Staff have developed the first template for water resources and have requested that the other utilities begin compiling the same data.

Next Steps

- October Update - A variety of suggestions have been received from the public about how the Phase 2 process should be structured. The Committee will be prepared to report back to the Mayor and Council and Board of Supervisors in October with recommendations on public involvement in Phase 2.
- November Public Outreach – The Committee anticipates finalizing a draft report by early November to take out for public comment in November. At this time, the Committee envisions a series of open houses where participants can review information around specific topic areas, ask questions, and provide comments on the draft report.
- Final Report – In December, the Committee will review the public comments received and finalize the Phase I report for submission to the Mayor and Council and Board of Supervisors. The Committee envisions the final report consisting of three volumes:
 - Volume 1 - Executive Summary
 - Volume 2 - Findings and Conclusions
 - Volume 3 – Supporting Materials

It will be tight timeframe to make the December Phase 1 report deadline. The Committee is currently discussing adding meetings and may need to start meeting weekly in order to have sufficient time to fully discuss the critical topics, be able to hear from the public, and complete the writing of the final report.

Conclusion

The Committee respectfully submits this second progress report on its activities to date as part of Phase 1 of the City/County Water and Wastewater Study. The Committee will

be prepared to report back to the Mayor and Council and Board of Supervisors again in October with recommendations for the Phase 2 public process. This will be followed by formal transmission of the Phase I final report targeted for December.

Attachments

1. Oversight Committee Meeting Agendas
2. List of attendees
3. Third Letter of Invitation to Participate to Jurisdictions and Utilities



COUNTY ADMINISTRATOR'S OFFICE
130 WEST CONGRESS, 10TH FLOOR
TUCSON, ARIZONA 85701



CITY MANAGER'S OFFICE
P.O. Box 27210
TUCSON, ARIZONA 85726-7210

NOTICE OF MEETING
City / County Water & Wastewater Study Oversight Committee

Pursuant to A.R.S. 38-431.02, notice is hereby given to the members of the above-named Study Oversight Committee and to the general public that the Committee will hold a meeting open to the public on:

Wednesday, June 11, 2008, 6:00 P.M.
Randolph Golf Course Club House Copper Room
600 S. Alvernon Way



AGENDA

- | | |
|--|----------------------------------|
| 1. Call to Order | |
| 2. Approval of minutes of May 21, 2008* | |
| 3. Committee Announcements | |
| 4. Distribution of Draft Committee Procedures Document | |
| 5. Overview: Water / Wastewater Systems | Chris Avery, Ed Curley / 30 min. |
| 6. History: Water / Wastewater System Development and Regulatory Framework | Harlan Agnew, Chris Avery/25min. |
| 7. Break (10 min) | |
| 8. History: Central Arizona Project | Larry Dozier, CAWCD /40 min. |
| 9. Closing Remarks | Chris Avery, Ed Curley / 5 min. |
| 10. Q&A with Presenters | Committee, Presenters / 20 min. |
| 11. Call to the Audience | Public / 15 min. |
| 12. Overview of upcoming presentations | |
| 13. Adjournment* | |
- *Action Item

NOTE: A quorum of the City of Tucson's Planning Commission and/or Citizen's Water Advisory Committee, and Pima County's Planning and Zoning Commission and/or Wastewater Management Advisory Committee, may be in attendance. However, only members of the City/County Water & Wastewater Study Oversight Committee will be meeting and may vote on any legal action.

Persons with a disability may request a reasonable accommodation by contacting Brenda Garcia at (520) 740-6845 or by fax to (520) 791-3293 or by email: Brenda.Garcia@dcd.pima.gov. Requests should be made at least 48 hours before the scheduled meeting to allow time to arrange the accommodation.



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Wednesday, June 25, 2008, 6:00 P.M.
Randolph Golf Course Club House Copper Room
600 S. Alvernon Way



AGENDA

1. Call to Order
2. Approval of minutes of June 11, 2008*
3. Upcoming Meetings
4. Committee Announcements
5. Response to Questions from Previous Presentation
6. Presentations from Outside Subject Matter Experts: 45 min.
 - Historical / Hydrologic Overview of Tucson Active Management Area (AMA)
Ken Seasholes, Senior Policy Analyst, Central Arizona Project (CAP)
 - Statewide Provisions of Groundwater Management Act
Jeff Tannler, Acting Area Director, ADWR Tucson AMA
 - Assured Water Supply Rules and Role of Central Arizona Groundwater Replenishment District
Cliff Neal, P.E. Manager, CAGRD
 - Tucson AMA Water Supply and Demand ("water budget"); Recharge; Overdraft
Laura Grignano, Water Resources Specialist, ADWR Tucson AMA
7. Q & A with Presenters (10 min)
8. Presentations: *Chris Avery, Interim Dep. Dir., TW; Eric Wieduwilt, Interim Dep. Dir., RWRD* (40 min.)
 - Customer Demographics; Water Demand; Water Quality; Water Supplies
9. Q & A with Presenters Committee; Public / (10 min.)



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10. Call to the Audience

Public / 15 min.

11. Adjournment*

*Action Item

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Pursuant to A.R.S. 38-431.02, notice is hereby given to the members of the above-named Study Oversight Committee and to the general public that the Committee will hold a meeting open to the public on:

Wednesday, July 09, 2008, 7:00 A.M.
Randolph Golf Course Club House Copper Room
600 S. Alvernon Way



AGENDA

- | | |
|--|-----------------------|
| 1. Call to Order | |
| 2. Approval of minutes of June 11, 2008* | Committee, 5 min. |
| 3. Upcoming Meetings | Staff, 5 min. |
| 4. Committee Announcements | Committee, 5 min. |
| 5. Response to Questions from Previous Presentation | Chris Avery, 10 min. |
| 6. Potable Water Delivery Systems and System Conditions: | Chris Avery, 25 min. |
| 7. Q & A with Presenter | All - 10 min |
| 8. Wastewater Delivery Systems and System Conditions: Eric Wieduwilt, 40 min.
<i>(break in middle – 5 min.)</i> | |
| 9. Q & A with Presenter | All - 10 min |
| 10. Reclaimed Water Delivery Systems and System Conditions | Chris Avery – 15 min. |
| 11. Q & A with Presenter | All - 10 min. |
| 12. Call to the Audience | Public - 15 min. |
| 13. Adjournment* | |
| *Action Item | |

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Pursuant to A.R.S. 38-431.02, notice is hereby given to the members of the above-named Study Oversight Committee and to the general public that the Committee will hold a meeting open to the public on:

Wednesday, July 23, 2008, 6:00 p.m.
Randolph Golf Course Club House Cooper Room
600 S. Alvernon Way



AGENDA

- | | |
|--|----------------------------|
| 1. Call to Order | |
| 2. Approval of minutes of July 9, 2008* | Committee, 5 min. |
| 3. Committee Announcements | Committee, 5 min. |
| 4. Preparation for Upcoming Meetings / August Progress Report | Committee / Staff, 20 min. |
| 5. Response to Questions from Previous Presentation | Chris Avery, 10 min. |
| 6. National and State Infrastructure Issues / Tucson Water CIP | Chris Avery, 30 min. |
| 7. Q & A with Presenter | All – 10 min. |
| ***Break – 5 min.*** | |
| 8. Wastewater CIP (core) | Eric Wieduwilt, 20 min. |
| 9. Wastewater: Regional Optimization Master Plan | Mike Gritzik, 30 min. |
| 10. Q & A with Presenters | All – 10 min. |
| 11. Call to the Audience | Public – 15 min. |
| 12. Adjournment* | |

*Action Item

NOTE: A quorum of the City of Tucson's Planning Commission and/or Citizen's Water Advisory Committee, and Pima County's Planning and Zoning Commission and/or Wastewater Management Advisory Committee, may be in attendance. However, only members of the City/County Water & Wastewater Study Oversight Committee will be meeting and may vote on any legal action.

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Pursuant to A.R.S. 38-431.02, notice is hereby given to the members of the above-named Study Oversight Committee and to the general public that the Committee will hold a meeting open to the public on:

Wednesday, August 13, 2008, 7:00 a.m.
Randolph Golf Course Club House Copper Room
600 S. Alvernon Way



AGENDA

- | | |
|--|---|
| 1. Call to Order | |
| 2. Ratification of prior actions from the meeting of July 9, 2008 due to improper posting notification*
Prior Action Item to be ratified: | Committee, 2 min. |
| • Approval of minutes of June 11, 2008 | |
| 3. Approval of minutes of July 9, 2008 and July 23, 2008* | Committee - 5 min. |
| 4. Committee Announcements | Committee - 5 min. |
| 5. Review Draft August Progress Report | Committee - 15 min. |
| 6. Approval of Proposed remaining Schedule and Meeting Topics* | Committee - 30 min. |
| 7. Best Practices in Financial Planning | Raftelis Consulting - 20 min. |
| 8. Q & A with Presenter | All – 10 min. |
| ***Break – 5 min.*** | |
| 9. Tucson Water Financial Planning | David Cormier, Interim Finance Director, City of Tucson - 35 min. |
| 10. Q & A with Presenter | All – 10 min. |
| 11. Pima County RWRD Financial Planning | Jeff Nichols, Deputy Director of Administration and Finance, PCRWRD - 35 min. |
| 12. Q & A with Presenter | All – 10 min. |



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13. Call to the Audience

Public – 15 min.

14. Adjournment*

*Action Item

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**City/County Water & Wastewater Study Oversight Committee Meeting
Attendees through August 13, 2008**

	Last Name	First Name	Organization
1	Altaffer	Colette	
2	Altamirano	Andrea	BOS, District 5
3	Anderson	Grant	Willdan
4	Baker	Beryl	
6	Basye	Richard	Pima Assn. of Taxpayers
7	Becker	Adam	CBRE
8	Berardo	Ramiro	
9	Berry	Tom	
10	Block	Michael	Metro Water
11	Bowser	Colby	BOS
12	Braithwaite	Jim	
13	Branch-Gilby	Donna	Candidate BOS
14	Brooks	Chris	
15	Bolger	Katie	Ward 2
16	Cachora	Phyllis	Tohono O'odham Nation
17	Campbell	Curt	
18	Caporaso	Mike	Westland
19	Carey	Bryce	BBVNA Neighborhood Assoc.
21	Cavanaugh	Patrick	Supervisor Ann Day's Office
22	Classen	Carolyn	
23	Cloningor	Tim	U of A
24	Cole	Charles J.	
25	Collazo	Debbie	
26	Colton	Arlan	
28	Cordy	Gail	
29	Crockett	Dave	FWID
30	Crosby	William	ECCO
31	Current	Sandy	PCRWRD
32	Detwiler	Andrew	KE&G Construction
33	Dickerson	Dennis	
34	Doba	Ron	Black & Veatli
35	DuPont	Bill & Denise	
36	Eisenberg	Patricia	City of Tucson
37	Elder	Sandy	Tucson Water
38	Elias	Albert	COT Urban Planning & Design
39	English	Tres	
40	Ester	Charles	SRP
41	Evans	Jane	
42	Evilsizor	Lew	North Dodge NA
43	Fairbanks	Laura	P.C. RWRD
44	Farnsworth	Christopher	
45	Farnsworth	Christina	
46	Fire	William	
48	Fox	Tedra	Pima County

**City/County Water & Wastewater Study Oversight Committee Meeting
Attendees through August 13, 2008**

	Last Name	First Name	Organization
49	Freeman	Nancy	
50	Freitas	Chuck	
51	Gabaldón	Arturo	Community Water Co.
52	Garcia	Margot	
53	Godlewski	David	SAHBA
54	Greenhill	Andrew	
55	Grignano	Laura	
56	Gritzuk	Mike	PCRWRD
58	Guymon	Michael	Metro Pima Alliance
59	Heller	Carol	
60	Herbert	Randy	O'leary Construction
61	Hess	Greg	
62	Hubbard	George	Mountain/1st NA
63	Hudson	Mac	Ward 1
64	Iannarino	Bob	DYI
65	Jacobs	Kathy	
66	Jacome	Alex	
67	Johnson	Barbara	Town of Marana
68	Kaselemis	Chris	City Planning
69	Kempton	Larry	FICO/FWC
70	Keyes	Dale	
71	Kiser	Madeline	
72	Kiser	Jim	SALC
73	Kostrzewski	Michael	PCWRD
74	Kroesen	Kendall	
75	Kromko	John	
77	Lachowicz	Holly	
78	Larson	Scott	
80	Lett	Diana	
81	Levick	Lainie	
82	Liberti	Leslie	City - Conservation & Sustainable Dev.
83	Linsley	Roxanne	
84	Liston	Olivia	Tohono O'odham Nation
85	Little	Val	
86	Lopez	Mary J.	TON Legislative
87	Mackey	Paul	
88	Marcos	Mark	
89	Marikos	Mark	UA Facilities Management
90	Marra	Ralph	Tucson Water
91	Matthewson	Matt	PCRWRD
92	Mays	Laura	FNA
93	McKenna	Juliet	El Montgomery
94	Medler	Robert	Tucson Chamber of Commerce
95	Meyer	Judith	Tucson Mtns. Assoc.

**City/County Water & Wastewater Study Oversight Committee Meeting
Attendees through August 13, 2008**

	Last Name	First Name	Organization
96	Mier	Mead	PAG
97	Moxley	Monica	Town of Sahuarita
98	Neal	Cliff	CAGR D
99	Niemann	Wendell & Rosema	CUNA
100	Novelli	Tony	
101	O'Brien	Dorothy	Town of Marana
102	Ogata	Irene	Resident/COT
103	Pashos	Tom	
104	Petterson	Liz	
105	Pfordt	David	
106	Pierce	Les	Arroyo Chico Neighborhood Association
107	Poole	Brad	Tucson Citizen
108	Postillion	Frank	PCR FCD
110	Proctor	Ron	Sustainable Tucson
111	Revere	C.T.	Ward 6
112	Roe	Alice	
113	Romero	Steve	Town of Marana
114	Romero	Wavalene	
115	Ronstadt	Fred	TUCA
116	Rule	Dennis	Tucson Water
117	Saletta	Philip	Oro Valley Water Utility
118	Scadron	Arlene	
119	Seasholes	Ken	
120	Seifert	Dave	League of Women Voters
121	Siath	John	Tetra Tech Inc.
122	Solis	Rick	
123	Somers	Carol	SAHBA
124	Somons	Matthew	
125	Sprouse	Terry	U of A AFMO
126	Stagner	Clyde	Social Security
130	Tannler	Jeff	
131	Taylor	Mark	Westland Resources
132	Tenney	Warren	Metro Water
133	Thomas	John	Tucson Water
134	Thomure	Timothy	HDR Engineering
135	Taczgnowsky	Edward	SAHBA
136	Urbon-Bonie	Angela	Sewell Neighborhood Assoc.
137	Valdez	Jesus	
138	Vasquez	Vince	DVI
139	Volpe	Kip	Vail Water Co.
140	Von Rago	Lilian	PCRWRD
141	Ward	Chris	Avra Valley Water Coop
142	Ward	Kathy	Town of Sahuarita
144	Werner	Bill	

**City/County Water & Wastewater Study Oversight Committee Meeting
Attendees through August 13, 2008**

	Last Name	First Name	Organization
145	Whatley	Kristen	West Land Resources
146	Williams	Tracy	
147	Winston	Harriet	
148	Wright	Jim	
149	Yiannakakis	Alex	AMEC
150	Zhang	Jianmiu	WMC
152	Zimmerman	Colin	TAR
153	Zimmerman	Gabe	US Rep. Giffords
154	Zucker	Claire	PAG



City/County Water and Wastewater Study Oversight Committee



August 13, 2008

Dear Town Manager/Utility Operator,

The City/County Water and Wastewater Study Oversight Committee is making progress on Phase 1 of the Water and Wastewater study. Four educational sessions have been held to date covering topics related to water and wastewater systems, infrastructure, and resources. I appreciate the fact that many of you have taken the time to attend these meetings and provide comments and feedback to the Committee.

In my May 23, 2008 letter to you, I mentioned that City of Tucson and Pima County staff are developing templates or worksheets for data collection. We would like to share the first worksheet that has been developed with you - an inventory of water resources. We encourage you to collect the same information for your agency. We anticipate developing additional worksheets as the study moves forward. If you have any suggestions regarding additional data that you feel should be gathered, please let us know.

The ultimate goal of collecting this data is to bring information together in Phase 5 to inform a productive regional dialogue on the future of water and wastewater systems and resources in the region.

The Committee will begin drafting its Phase 1 report to the Mayor and Council and Board of Supervisors soon. We will set aside a section in the report to include your responses to this information request.

A concern has been raised about the potential security risk associated with publishing information about critical infrastructure for these systems. Water and wastewater staff have assured me that the data collected will be at a conceptual enough scale, that security will not be an issue.

Feel free to contact the City's coordinator for the project, Nicole Ewing Gavin at 791-4204 or the County's coordinator for the project, Melaney Seacat at 740-6517 with any questions you may have. You can find all relevant documents regarding the study as well as the upcoming meeting schedule on the study website www.tucsonpimawaterstudy.com.

Sincerely,

A handwritten signature in black ink, appearing to read "JTB" followed by a long horizontal stroke.

James T. Barry
Chair, City/County Water and Wastewater Study Oversight Committee

C: Pima County Board of Supervisors
Tucson Mayor and Council
Chuck Huckelberry, County Administrator
Mike Hein, City Manager
Oversight Committee members

Attachment: Water and Wastewater Study Worksheet Inventory of Available Water Resources

Water and Wastewater Study Work Sheet
Inventory of Available Water Resources
(Year Ending December 31, 2007)

Date: _____

Name of Organization/Agency: _____

Name(s) of person(s) preparing this work sheet for your organization: _____

Title: _____

Contact Telephone #: _____

1) Is your organization a Municipal Water Provider?
 (i.e., a city, town or private water company) Yes No

1.a) If yes, what was your service area population in
 CY 2007? _____ people

1.b) If yes, what is your service area right number?
 56-_____

2) If no, what type of organization/water user do you represent
 (i.e., industrial user, wastewater provider, development, etc.)? _____

3) How much water (potable and non-potable in acre-feet) did
 your organization deliver/use in CY 2007?
 _____ AF (potable)
 _____ AF (non-potable)

ASSURED WATER SUPPLY STATUS

4) Does your organization currently possess a Designation of Assured
 Water Supply (AWS)? Yes No

4.a) If yes, what total annual volume of resources is specified
 in the current designation? _____ AF/yr

4.b) What is the term of the current designation (i.e. what year does it expire?) _____

5) If no, does your organization possess a Certificate of Assured Water Supply? Yes No

5.a) If yes, what total annual volume of water use is specified in the certificate? _____ AF/yr

6) If the answer is "No" to Questions #4 and #5, is your organization an Undesignated Municipal Provider? Yes No

CAGR D MEMBERSHIP

7) Is your organization enrolled as a Member Service Area of the Central Arizona Groundwater Replenishment District (CAGR D)? Yes No

7.a) If yes, does your CAGR D membership agreement have a "limit" or cap on your maximum annual replenishment volume? Yes No

7.a.1) If Limited, what is your organization's maximum annual replenishment limit? _____ AF/yr

7.a.2) If Non-Limited, what is your organization's estimated annual projected CAGR D replenishment need by 2035? _____ AF/yr

7.b) How many acre-feet of CAGR D replenishment is included in your current AWS designation/certification? _____ AF/yr

8) Does your organization serve water to Member Lands of the Central Arizona Groundwater Replenishment District? Yes No

8.a) If yes, what was the annual replenishment obligation for CY 2007 for these lands? _____ AF/yr

GROUNDWATER

9) Did your organization possess grandfathered groundwater rights in the Tucson AMA in 2007? Yes No

9.a) If yes, quantify the amounts of each right shown below:

Irrigation Grandfathered Water Right(s): _____ AF/yr

Type 1 Grandfathered Water Right(s): _____ AF/yr

Type 2 Grandfathered Water Right(s): _____ AF/yr

10) Does your organization plan to extinguish any of these existing rights for extinguishment credits in the future? Yes No

10.a) If yes, what would be the maximum volume of credits? _____ AF

10.b) If yes, by what calendar year? _____

10.c) If yes, does your organization plan to pledge these credits to its designation when it extends/modifies its AWS designation in the future, if applicable? Yes No

11) If your organization has an "Allowable Groundwater" credit Account, what was the volume in this account at the end of CY 2007? _____ AF

12) Are there future additions to your Allowable Groundwater Account that you anticipate in the future? Yes No

12.a) If yes, what type, when and in what amount? Type: _____

When (year): _____

Volume (AF): _____

13) How many acre-feet of "Incidental Recharge" pursuant to R12-15-727 were calculated for calendar year 2006? _____ AF

14) How many grandfathered groundwater right Extinguishment Credits are included in the Allowable Groundwater Account? _____ AF

15) How many unpledged grandfathered groundwater right Extinguishment Credits does your organization hold outside its AWS designation? _____ AF

16) Did your organization utilize remedial groundwater in 2007 pursuant to R12-15-729? Yes No

16.a) If yes, is the anticipated use of this water included in your AWS designation/certificate? Yes No

16.b) If yes, what annual or total volume is specified in your
AWS designation/certificate? _____ AF/yr

CENTRAL ARIZONA PROJECT—COLORADO RIVER WATER

17) Does your organization have a Central Arizona Project (CAP)
subcontract? Yes No

17.a) If yes, what is the volume of its annual CAP
allocation? _____ AF/yr

18) Is your organization under contract to lease all or part of
the CAP allocation of one or more other parties? Yes No

18.a) If yes, what entity is contracted to lease to you all or part
of its annual CAP allocation?

18.b) If yes, what is the annual maximum contracted
volume of CAP water available for lease? _____ AF/yr

18.c) If yes, in what calendar year does the contracted lease
expire? _____

19) If your organization currently has an AWS designation, how
much of its annual CAP allocation is obligated/encumbered
in its designation? _____ AF/yr

EFFLUENT ENTITLEMENT

20) Does your organization have an annual entitlement to municipal effluent? Yes No

20.a) If yes, what was the volume of that entitlement in
CY 2007? _____ AF

21) Did your organization have effluent storage credits on Dec 31, 2007? Yes No

21.a) If yes, how many annual effluent storage credits? _____ AF

21.b) If yes, how many long-term effluent storage credits? _____ AF

22) If your organization has an effluent entitlement and an AWS
designation, how much of the entitlement is obligated/
encumbered in the designation? _____ AF/yr

SURFACE-WATER RIGHTS

23) Did your organization possess surface-water rights in the Tucson AMA? Yes No

23.a) If yes, quantify the annual right: _____ AF/yr

23.b) If yes, how much of this right was exercised in 2007? _____ AF/yr

24) If your organization currently has an AWS designation, how much of its surface water right(s) is obligated/encumbered in its designation? _____ AF/yr

WATER RIGHTS OUTSIDE THE TUCSON AMA

25) Did your organization possess grandfathered groundwater rights outside the Tucson AMA in 2007? Yes No

25.a) If yes, quantify the amounts of each right shown below:

Irrigation Grandfathered Water Right(s): _____ AF/yr

Type 1 Grandfathered Water Right(s): _____ AF/yr

Type 2 Grandfathered Water Right(s): _____ AF/yr

26) Did your organization possess surface-water rights outside the Tucson AMA in 2007? Yes No

26.a) If yes, quantify the annual right: _____ AF/yr

26.b) If yes, how much of this right was exercised in 2007: _____ AF/yr