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2001 FEB -7 P 4: 07
Legal Assistant

AZ CORP COMMISSION
DOCUMENT CONTROL

February 7, 2001

Paul Bullis, Esq.
Arizona Attorney General's Office
1275 W. Washington
Phoenix, AZ 85007

Arizona Corporation Commission
DOCKETED

FEB 07 2001

DOCKETED BY
[Signature]

**Re: Santan Expansion Project
Case No. 105**

Dear Mr. Bullis:

At the February 2, 2001 hearing, Dennis Sundie provided Salt River Project with additional written questions from the Department of Water Resources. Salt River Project agreed at the hearing to provide a written response. Salt River Project's response is attached.

Very truly yours,

Michele R. Irons

Michele R. Irons
Legal Assistant

MRI/mlt
Enclosure

cc Original and 25 copies filed with Docket Control
All parties of record

**SRP's Responses to Questions and Comments Provided by Mr. Dennis Sundie
At the February 2, 2001 Meeting of the Arizona Power Plant and Transmission Line
Siting Committee**

February 6, 2001

At the February 2, 2001 hearing of the Arizona Power Plant and Transmission Line Siting Committee (Committee), member Mr. Dennis Sundie provided SRP with a paper containing several questions and comments about the water supply plan for the Santan Expansion Project. Described below is SRP's response to the questions and comments provided by Mr. Sundie. The questions and comments are in bold or are underlined. SRP's response follows each question or comment.

Before addressing the questions and comments, SRP would like to first address a statement made in paragraph three of the first page of Mr. Sundie's paper. That statement is as follows; "SRP would use groundwater from wells at the site as a back-up supply." This statement is not correct. SRP will not use groundwater at the Santan Expansion Project. SRP will use the wells at the site, and other wells as necessary, to recover previously stored CAP water and/or SRP water. Again, SRP will not use groundwater at the Santan Expansion Project for cooling purposes.

1. Confirmation of the availability of CAP water

- Has the Town of Gilbert contacted the CAWCD to discuss the availability of excess CAP water and the contracting procedures required by the CAWCD?

Gilbert is aware of the availability of excess CAP water and the contracting procedures required by CAWCD. SRP has made CAWCD aware that Gilbert may store up to 28,160 acre-feet of CAP water in SRP's Groundwater Saving Facility in 2001 (See Attachment 1: Letter from SRP to CAWCD dated September 28, 2000; Attachment 2: Letter from SRP to CAWCD dated October 31, 2000; Attachment 3: table showing Gilbert's planned use of SRP's Groundwater Savings Facility). CAWCD has included this amount of water in its water delivery plans for 2001.

The Committee should also be aware that Gilbert has a long-term contract and leases to purchase 19,007 acre-feet of CAP water. Much of this water is not currently being used. In 2000 Gilbert used only 3,075 acre-feet of CAP water.

- In addition, Gilbert should make available an analysis of the reliability of excess CAP water. This analysis should be based on the priority system established by CAWCD and should include an estimate of the impact of other major excess users such as the Arizona Water Bank. Otherwise, the Department would

recommend that Gilbert perform an analysis similar to the one performed by PG&E for the Harquahala Generation project.

Gilbert has not conducted an analysis of the reliability of excess CAP water. However, SRP has evaluated the availability of excess CAP water for use at the Santan Expansion Project. SRP's analysis is provided below:

It is well documented that, at present and into the foreseeable future (over the next twenty to thirty years) the amount of CAP water allocated to water users under long-term contracts is well below the amount of available CAP water (See Attachment 4: CAP Subcontracting Status Report dated February 9, 2000). Shown below is an accounting of CAP water and how that water is currently allocated to water users:

Annual Supply of CAP Water

Projected CAP Normal Water Supply	1,490,000 acre-feet
Estimated Annual System Losses	<u>75,000 acre-feet</u>
CAP Water Available for Delivery in Normal Year	1,415,000 acre-feet

Amount of CAP Water Obligated for Sale Under Long-Term Contracts

Municipal and Industrial Contractors	558,511 acre-feet, plus
Indian Contractors	309,828 acre-feet, plus
Agricultural Contractors	<u>18,296 acre-feet</u>
Total	886,635 acre-feet

Amount of CAP Water Available for Sale Under Excess Water Contracts

CAP Water Available for Delivery in Normal Year	1,415,000 acre-feet, less the
Amount of CAP Water Under Long-Term Contracts	<u>886,635 acre-feet</u>
Total	528,365 acre-feet

In addition to the 528,365 acre-feet of CAP water that is directly available for sale under excess water contracts, there is a large quantity of CAP water available each year that, although is obligated for sale under long-term contracts, is not scheduled for delivery by long-term subcontractors. This water is also available for sale under excess water contracts. In 2000 for example, this amounted to 515,022 acre-feet as shown below:

Amount of CAP Water Under Contract to Municipal and Industrial Customers But Not Delivered for Use in 2000 (See Attachment 5: Monthly M&I Deliveries, Calendar Year 2000 prepared by CAWCD)

Amount Under Contract	558,511 acre-feet, less the
Amount of Water Used in 2000	<u>233,791 acre-feet</u>
Total	324,720 acre-feet

Amount of CAP Water Under Contract to Indian Customers But Not Delivered for Use in 2000 (See Attachment 6: Monthly Indian Deliveries, Calendar Year 2000 prepared by CAWCD)

Amount Under Contract	309,828 acre-feet, less the
Amount of Water Used in 2000	<u>119,526 acre-feet</u>
Total	190,302 acre-feet

Total Amount of CAP Water Under Contract to Municipal, Industrial, and Indian Contractors But Not Delivered for Use in 2000

Municipal and Industrial CAP Water	324,720 acre-feet, plus
Indian CAP Water	<u>190,302 acre-feet</u>
Total	515,022 acre-feet

It is well documented that, in aggregate, the demand for CAP water by Municipal, Industrial, and Indian contractors will not exceed the supply until some time after 2020. SRP estimates that an average of 750,000 acre-feet of CAP water will be available for sale under excess water contracts each year for the next twenty years. This amounts to a total of 15,000,000 acre-feet of CAP water during this twenty-year period. If the Santan Expansion Project were to be served entirely by CAP water delivered under an excess water contract, it would use only 1.3 percent of this supply (193,200/15,000,000).

With respect to CAWCD's policies for selling excess CAP water, CAWCD gives Municipal and Industrial customers first priority to purchase excess CAP water. Agricultural customers are second in priority while third priority water is available to all other types of customers, including the Arizona Water Banking Authority. As a result, CAWCD's priority system gives Gilbert and/or SRP priority over many other potential CAP water customers. SRP believes that a substantial amount of reliable, excess CAP water is available for purchase under an excess water contract to serve the Santan Expansion Project.

- Finally, the Department would like to point out that Gilbert must renegotiate excess water contracts each year.

Yes that is true. However, as indicated above, a significant amount of excess CAP water is available to be purchased each year for at least the next twenty years. Additionally, CAWCD's policies for selling excess CAP water gives Gilbert and/or SRP first priority to excess water ahead of agricultural customers and entities such as the Arizona Water Banking Authority.

Additionally, as noted above, Gilbert has long-term contracts and leases of CAP water totaling 19,007 acre-feet. At present Gilbert is using only 3,075 acre-feet. Until Gilbert's CAP water is fully utilized, it could be used directly at the Santan Expansion Project or it could be stored at GRUSP or at SRP's Groundwater Savings Facility for later use at the Santan Expansion Project.

2. **A brief discussion of the Water Transportation Agreement and the Water Delivery and Use Agreement between Gilbert and SRP, and how both of these agreements work.**

Water Transportation Agreement

The Water Transportation Agreement between the Town of Gilbert and SRP entered into in 1991 permits Gilbert to transport non-SRP water in SRP's canal system for use by Gilbert in its water service area. For Gilbert, non-SRP water would include sources such as CAP water, water Gilbert has developed from its share of capacity developed from increasing the capacity of Roosevelt Lake, and other sources that SRP agrees to be permitted to be transported in its canal system. The agreement contains numerous provisions. The major provisions include fees for the use of the canal system, how water is scheduled to be transported, how water is to be measured, how water is accounted for and reported, how billing is done and how bills are paid, how transportation losses are determined, how service provided by SRP is handled with respect to SRP's obligations to deliver water for its shareholder's use, how interruptions or curtailments due to emergencies or canal dryup are handled and how water quality is handled. The agreement terminates in June, 2041. However, it is very likely that the agreement will be extended beyond 2041.

With respect to the Santan Expansion Project, the Water Transportation Agreement permits Gilbert to transport CAP water from the CAP canal to the Santan Expansion Project using SRP's canals. CAP water would be transported from the CAP canal through the CAP/SRP Interconnection Facility to the South Canal and then to the Eastern Canal to the Santan Expansion Project site as shown on the map in Attachment 7.

Water Delivery and Use Agreement

The Water Delivery and Use Agreement entered into between Gilbert and SRP in 1994 permits: 1) Gilbert to receive SRP water from SRP for delivery to SRP lands within Gilbert's water service area; 2) SRP and Gilbert to enter into water exchanges; and 3) Gilbert to use SRP wells to pump SRP water for use on SRP lands within Gilbert's water service area.

The major provisions in the agreement concerning the receipt and delivery of SRP water include fees, billing and payment practices, how Gilbert orders SRP water, how interruptions or curtailments due to emergencies or canal dryup are handled, how water is measured, how water is accounted for and reported, and how water quality is handled.

With respect to water exchanges, the agreement contains provisions on the conditions for exchanges in terms of amounts and sources of water. Water exchanges are also governed by terms agreed to between the authorized representatives to the agreement. Lastly, the agreement allows Gilbert to use SRP's wells for withdrawing water to serve SRP lands in Gilbert. Gilbert is to operate the wells in accordance with SRP's procedures and policies that are contained as an exhibit to the agreement. These procedures and policies cover items such as requests by Gilbert to use SRP wells, the installation of pipes for transmitting the water, scheduling and reporting of water pumped, the installation of flow measurement devices and the installation of telemetry equipment that transmits data electronically to SRP. The Water Delivery and Use Agreement terminates on December 31, 2101. However, as with the Water Transportation Agreement, it is very likely that the Water Delivery and Use Agreement will be extended beyond 2101.

With respect to the Santan Expansion Project, the agreement permits Gilbert to serve the site with SRP water, to serve the site with non-SRP water via a water exchange or to serve the site using SRP wells. Attachment 8 is a map that shows the SRP lands (e.g. Eligible Lands) within Gilbert and the lands of the Santan Expansion Project.

- 3. An expansion of the discussion of utilizing recharge credits earned by the Town of Gilbert at the GRUSP or any other recharge facility. This discussion would identify how many credits the Town owns and provide an estimate of available future credits. The Town should also identify any additional commitments for recharge credits.**

As indicated in the water supply plan for the Santan Expansion Project, Gilbert can develop recharge credits for use at the Santan Expansion Project in at least two ways. The first method would be through direct recharge of CAP water at GRUSP and the second would be through in direct or in-lieu recharge of CAP water at SRP's Groundwater Savings Facility. Gilbert is presently permitted to store up to 10,235 acre-feet of CAP water in GRUSP (See Attachment 9). Additionally, SRP has offered to provide Gilbert with access to SRP's storage capacity at GRUSP. SRP can store up to 100,000 acre-feet per year of CAP water in GRUSP (See Attachment 10).

In 2000, more than 81,000 acre-feet of CAP water were stored at GRUSP (See Attachment 11). SRP believes Gilbert could store 10,000 acre-feet to 20,000 acre-feet of CAP water in GRUSP each year for the next five years to earn between 50,000 acre-feet and 100,000 acre-feet of recharge credits for use at the Santan Expansion Project.

With respect to SRP's Groundwater Savings Facility, as indicated above, SRP has notified CAWCD that Gilbert plans to store 28,160 acre-feet of CAP water in the facility in 2001. CAWCD's water delivery plan includes this amount of CAP water to be stored in SRP's Groundwater Savings Facility in 2001.

Currently, Gilbert has a balance of 17,000 acre feet of credits in their long-term storage account. These credits will be recovered from Gilbert's wells to meet municipal demands within its water service area.

- 4. Since all of the Town's effluent is currently dedicated for use by other users, the Town should identify or make available information or studies that show how effluent could be made available in the near future for SEP use.**

Gilbert currently produces 8.5 million gallons per day of effluent for reuse. Although it is true that Gilbert has paper commitments for this supply, nearly 5 MGD goes unused, particularly in the winter months, and could be made available to the Santan Expansion Project. In addition, Gilbert currently has plans to expand its Neely Wastewater Reclamation Plant to treat up to 11 MGD (12,300 acre feet per year maximum) within the next 18 months. Gilbert also has plans to expand the jointly owned Mesa/Gilbert Wastewater Reclamation Plant by 2005. Ultimately, Gilbert will be able treat up to 28 MGD (31,360 acre feet per year maximum). Through the water exchange provisions of the Water Delivery and Use Agreement discussed above, SRP believes that much of this effluent supply could be used to meet the water demands at the Santan Expansion Project.

5. Under Alternative Two, SRP would provide it's own water supply, utilizing excess CAP water. SRP would also use groundwater from wells at the site as a back-up supply. As in Alternative One, the Department's primary concern is the reliability of the CAP water supply. SRP should provide the Siting Committee the same analysis requested of the town of Gilbert in Alternative One. The analysis should confirm the reliability of excess CAP water as a source of supply for the SEP. It should also include input from discussions that have taken place with CAWCD.

The second sentence in the above paragraph, "SRP would also use groundwater from wells at the site as a back-up supply" is incorrect. SRP is not planning to use any groundwater at the Santan Expansion Project for cooling water purposes. SRP will use wells to recover previously stored CAP water and/or SRP water. Again, it will not use groundwater for cooling purposes.

As indicated in the analysis above in response to question number 1, there is a significant amount of CAP water available today, and in the foreseeable future, that can be used at the Santan Expansion Project. It is projected that approximately 15,000,000 acre-feet of CAP water will be available for sale under excess water contracts between now and 2020. SRP projects the demand of water at the Santan Expansion Project site to be 193,200 acre-feet. This amounts to about 1.3 percent of the total amount of CAP water available for sale under excess water contracts.

SRP has had discussions with CAWCD regarding the purchase of excess CAP water for use by its customers including the Santan Expansion Project. In September and October, 2000 SRP notified CAWCD of its interest in purchasing 75,000 acre-feet of CAP water in 2001 (See Attachments 1 and 2). SRP believes that it can readily enter into a contract with CAWCD to purchase excess CAP water from CAWCD as it did in 2000. In 2000, SRP purchased approximately 200,000 acre-feet of CAP excess CAP water for use by its customers (See Attachment 12).

6. Multiple parties utilize the GRUSP. Therefore, SRP should describe or identify the amounts of water that it can store in the facility, based on it's allocated share of the storage and the amount of storage capacity needed to meet SEP demands. SRP should also provide a general overview of how SRP would actually deliver water to the SEP through it's system and then replace the water used by using it's recharge credits.

As indicated above, SRP is permitted to store up to 100,000 acre feet of CAP water per year in GRUSP. GRUSP is permitted to store 200,000 acre-feet of water per year (See Attachment 13). In 2000, more than 81,000 acre-feet of CAP water

were stored at GRUSP. Over the past five years approximately 75,000 acre-feet of CAP water has been stored at GRUSP each year. SRP can store between 15,000 acre-feet and 20,000 acre-feet of CAP water in GRUSP each year using its own capacity. SRP can also lease capacity from other owners of GRUSP storage capacity. As a result, SRP could store the amount of water needed to satisfy the full demand of the Santan Expansion Project (193,200 acre-feet) in as little as two or three years through the leasing of capacity owned by other GRUSP participants or up to about ten to fifteen years utilizing its own capacity.

As indicated above, SRP plans to deliver water to the Santan Expansion Project through a diversion from the Eastern Canal. SRP wells would be used as a back-up, emergency supply or when water cannot be delivered through the Eastern Canal because of dryup. Recharge credits earned by SRP from storage at GRUSP can be recovered from any of SRP's 250 production wells. SRP would recover its CAP recharge credits from any of these wells for delivery to its customers. In turn, SRP would deliver a commensurate amount of water from its canal system to the Santan Expansion Project. This is simply an internal water accounting exchange that SRP does all the time within its water service area.

Attachment 1



3

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 Mail Station PAB110
 Phoenix, AZ 85072-2025
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 Fax (direct): (602) 629-8490
 Internet: rssiegel@srpnet.com

Richard S. Siegel
 Principal Analyst
 Water Rights and Contracts

September 28, 2000

Sent Via Fax and U.S. Mail

Ms. Jodi Gould
 Central Arizona Project
 Post Office Box 43020
 Phoenix, Arizona 85080-3020

Re: **2001 CAP Water Delivery Schedule**

Dear Ms. Gould: *Jodi*

As requested in Larry Dozier's July 7, 2000 letter, below is SRP's projected 2001 CAP water delivery schedule.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
GSF - AWBA	0	0	2,120	2,120	2,120	2,120	2,120	2,120	2,120	0	0	0	14,840
GSF - Other	0	0	7,880	7,880	7,880	7,880	12,880	7,880	2,880	0	0	0	55,160
GRUSP - AWBA	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	79,200
Misc. Exchange ¹	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	15,000
Sect. 215/DRA	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	75,000
TOTAL	14,100	14,100	24,100	24,100	24,100	24,100	29,100	24,100	19,100	14,100	14,100	14,100	239,200

Please note that SRP's ability to take delivery of CAP water is subject to (1) final approval of SRP's Project Reservoir Operations Plan (PROP), (2) SRP's ability to accept in lieu water and find partners for its GSF project, (3) SRP's ability to store water in GRUSP, (4) the AWBA's ability to provide CAP water for storage at GRUSP, and (5) other parties' ability to provide CAP water to SRP for exchange purposes.

Regarding Section 215 water, we are under the assumption that Section 215 water will not be available in 2001. However, for planning purposes, we have provided an indication above of how much Section 215 water we would like to take if the Secretary of the Interior declares a surplus, or if Drought Relief Act (DRA) water is approved by the Secretary pursuant to Governor Hull's request (subject to pricing and SRP Board approval).

If you have any questions on this letter, please call me at 602-236-2277, or call Dave Roberts at 602-236-2343. Thank you very much for your assistance.

Sincerely,

 Richard S. Siegel

bc: Thom Bawden
 Felipe Caballero
 Pete Cady
 Steve Doncaster
 Jeff Ehlers
 Charlie Ester
 Ron Heckenberg
 Mario Lluria
 Joe Rauch
 Dallas Reigle
 Dave Stanley

c: Paul Cherrington, SRP
 Dave Roberts, SRP
 Sheila Brennemann, CAP
 Tim Henley, AWBA
 GRUSP Participants

¹ CAP water SRP receives from entities pursuant to a water exchange.

Attachment 2



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 Internet: rssiegel@srpnet.com

Richard S. Siegel
 Principal Analyst
 Water Rights and Contracts

October 31, 2000

Sent Via Fax and U.S. Mail

Ms. Jodi Gould
 Central Arizona Project
 Post Office Box 43020
 Phoenix, Arizona 85080-3020

Re: **Revised 2001 CAP Water Delivery Schedule**

Dear Ms. Gould:

As requested in your October 30, 2000 e-mail (copy enclosed), below is SRP's revised 2001 CAP water delivery schedule.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
GSF - AWBA	0	0	2,120	2,120	2,120	2,120	2,120	2,120	2,120	0	0	0	14,840
GSF - Other	0	0	7,880	7,880	7,880	7,880	12,880	7,880	2,880	0	0	0	55,160
GRUSP - AWBA	7,920	7,920	7,920	7,920	7,920	7,920	7,920	7,920	7,920	7,920	0	0	79,200
Misc. Exchange ¹	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	0	0	15,000
Sect. 215/DRA	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	0	0	75,000
TOTAL	16,920	16,920	26,920	26,920	26,920	26,920	31,920	26,920	21,920	16,920	0	0	239,200

As stated in our September 28, 2000 letter, our ability to accept the above amounts is contingent on SRP Board approval of the Project Reservoir Operations Plan, ability to store water in GRUSP, the AWBA's ability to provide CAP water for storage in GRUSP, and other parties' ability to provide CAP water to SRP for GSF or exchange purposes.

If you have any questions on this letter, please call me at 602-236-2277, or call Dave Roberts at 602-236-2343. Thank you very much for your assistance.

Sincerely,

Richard S. Siegel

bc: Thom Bawden
 Felipe Caballero
 Pete Cady
 Steve Doncaster
 Jeff Ehlers
 Charlie Ester
 Ron Heckenberg
 Mario Lluria
 Joe Rauch
 Dallas Reigle
 Dave Stanley

c: Paul Cherrington, SRP
 Dave Roberts, SRP
 Sheila Brennemann, CAP
 Tim Henley, AWBA
 GRUSP Participants
 GSF Participants

¹ CAP water SRP receives from entities pursuant to a water exchange.

Attachment 3

SRP GROUNDWATER SAVINGS FACILITY WATER DELIVERY SCHEDULE

2001

(Subject to Change)

Revised: October 31, 2000 1:00pm

Requested (Preliminary) Schedule*

Participant	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	TOTAL
Chandler	0.00	0.00	0.00	0.00	0.00	0.00	760.00	6,520.00	2,720.00	0.00	0.00	0.00	10,000.00
Gilbert	0.00	0.00	0.00	7,880.00	7,880.00	7,880.00	10,000.00	1,360.00	0.00	0.00	0.00	0.00	35,000.00
Glendale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mesa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peoria	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phoenix	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Scottsdale	0.00	0.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	0.00	0.00	0.00	7,000.00
Tempe	0.00	0.00	7,880.00	2,120.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,000.00
AWBA	0.00	0.00	2,120.00	0.00	2,120.00	2,120.00	4,240.00	2,120.00	2,120.00	0.00	0.00	0.00	14,840.00
Canyon Forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	11,000.00	11,000.00	11,000.00	16,000.00	16,000.00	11,000.00	5,840.00	0.00	0.00	0.00	76,840.00
Planned Amt. **	0.00	0.00	10,000.00	10,000.00	10,000.00	10,000.00	15,000.00	10,000.00	5,000.00	0.00	0.00	0.00	70,000.00
Difference	0.00	0.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	840.00	0.00	0.00	0.00	6,840.00

Proposed (Final) Schedule***

Participant	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	TOTAL
Chandler	0.00	0.00	0.00	7,880.00	2,120.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,000.00
Gilbert	0.00	0.00	0.00	0.00	0.00	4,920.00	12,480.00	7,880.00	2,880.00	0.00	0.00	0.00	28,160.00
Glendale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mesa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peoria	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phoenix	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Scottsdale	0.00	0.00	1,000.00	0.00	2,640.00	2,960.00	400.00	0.00	0.00	0.00	0.00	0.00	7,000.00
Tempe	0.00	0.00	6,880.00	0.00	3,120.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,000.00
AWBA	0.00	0.00	2,120.00	2,120.00	2,120.00	2,120.00	2,120.00	2,120.00	2,120.00	0.00	0.00	0.00	14,840.00
Canyon Forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	10,000.00	10,000.00	10,000.00	10,000.00	15,000.00	10,000.00	5,000.00	0.00	0.00	0.00	70,000.00
Rev. Plan. Amt.	0.00	0.00	10,000.00	10,000.00	10,000.00	10,000.00	15,000.00	10,000.00	5,000.00	0.00	0.00	0.00	70,000.00
Difference	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

* Requested schedule based on original requests. If party did not provide monthly breakdown, annual figure was evenly distributed. Used for planning only.

** As per 5/00 PROP.

*** Proposed schedule based on specific requests, earliest maximum use of in lieu water, and other factors (i.e., operations, financials). Used for scheduling.

Attachment 4



CENTRAL ARIZONA PROJECT

P.O. Box 43020 • Phoenix, Arizona 85080-3020 • 23636 North Seventh Street • 85024
 (623) 869-2333 • www.cap-az.com

RECEIVED

FEB 17 2000

CAP SUBCONTRACTING STATUS REPORT

February 9, 2000

ARIZONA MUNICIPAL WATER USERS ASSOC.

SUBCONTRACTS SIGNED BY NON-INDIAN CAP SUBCONTRACTORS

Municipal and Industrial

<u>NAME</u>	<u>DATE</u>	<u>ALLOCATION</u> (acre-feet per year)
1. Apache Junction (Az. Water Co.)	March 15, 1985	6,000
2. Agua Fria (Citizens Utilities Company)	July 15, 1985	11,093 ^{1/}
3. Arizona-American Water Company	July 12, 1985	3,231 ^{2/}
4. Arizona State Land Dept.	Nov 25, 1986	33,076 ^{3/}
5. ASARCO Incorporated (Ray Mine)	March 1, 1993	21,000 ^{4/}
6. Avondale	Dec 6, 1984	4,746 ^{5/}
7. Berneil Water Co.	Dec 5, 1984	200 ^{6/}
8. BHP Copper Inc.	March 1, 1993	2,271 ^{7/}
9. Buckeye	Nov 21, 1984	25 ^{8/}
10. Carefree Water Co.	Jan 2, 1990	400
11. Casa Grande (Az. Water Co.)	Mar 15, 1985	8,884
12. Cave Creek Water Co.	May 28, 1985	1,600 ^{9/}
13. Chandler	Nov 20, 1984	3,668
14. Chandler Heights Citrus I.D.	Jan 24, 1985	315
15. Chaparral City Water Co.	Oct 2, 1984	6,978

	<u>NAME</u>	<u>DATE</u>	<u>ALLOCATION</u> (acre-feet per year)
16.	Circle City Water Co.	Aug 6, 1999	3,932 ^{21/}
17.	Community Water Co. (Grn. Vly.)	May 17, 1985	1,337 ^{10/}
18.	Coolidge System (Az. Water Co.)	March 15, 1985	2,000
19.	Cyprus Miami Mining Corp.	Mar 1, 1993	2,906 ^{11/}
20.	Eloy	Dec 18, 1984	2,171
21.	Florence	Dec 21, 1984	2,048 ^{12/}
22.	Flowing Wells I.D.	June 19, 1985	4,354
23.	Gilbert	Jan 22, 1985	7,235
24.	Glendale	Oct 25, 1984	14,183 ^{13/}
25.	Globe	Feb 22, 1993	3,480 ^{14/}
26.	Goodyear	Nov 21, 1984	3,381 ^{15/}
27.	Green Valley Water Co.	June 18, 1985	1,900
28.	Litchfield Park Serv. Co.	Jan 10, 1985	5,580
29.	Marana, Town of	April 6, 1999	47 ^{16/}
30.	Maricopa County Parks & Rec.	Apr 8, 1993	665 ^{8/}
31.	Mesa	Oct 25, 1984	36,388 ^{17/}
32.	Metropolitan Domestic Water Improvement District (First Trust of AZ)	May 8, 1998	8,858 ^{18/}
33.	Midvale Farms	March 8, 1985	1,500
34.	New River Util. Co.	Oct 17, 1984	1,885 ^{19/}
35.	Oro Valley, Town of	Jan. 18, 1997	1,652 ^{20/}
36.	Oro Valley (First Trust of AZ)	May 8, 1998	642 ^{19/}

	<u>NAME</u>	<u>DATE</u>	<u>ALLOCATION</u> (acre-feet per year)
37.	Peoria	Nov 23, 1984	18,709 ^{21/}
38.	Phoenix	Oct 25, 1984	113,914 ^{22/}
39.	Phoenix Memorial Park	March 20, 1985	84
40.	Pine Water Company	Aug 6, 1999	161 ^{23/}
41.	Queen Creek Water Co.	June 26, 1995	348 ^{24/}
42.	Rio Verde Utilities, Inc.	Sept 16, 1992	812
43.	San Tan I.D.	Dec 11, 1984	236
44.	Scottsdale	Oct 15, 1984	48,529 ^{25/}
45.	Spanish Trail Water Co.	Nov 16, 1990	3,037 ^{26/}
46.	Sun City Water Co. (Citizens Utilities Company)	Aug 13, 1985	3,809 ^{1/}
47.	Sun City Water Co. (Youngtown)	Mar 15, 1998	380 ^{27/}
48.	Sun City West Utilities Company	June 9, 1999	2,372 ^{1/}
49.	Sunrise Water Co.	Aug 16, 1985	944
50.	Surprise	Feb 8, 1995	7,373 ^{28/}
51.	Tempe	Dec 10, 1984	4,315
52.	Tucson	Feb 1, 1985	138,920 ^{18/}
53.	Vail Water Company	Dec 27, 1984	786 ^{29/}
54.	Water Utilities Community Facilities District	Aug 7, 1996	2,919 ^{30/}
55.	Water Utility of Greater Buckeye	Sept 24, 1987	43 ^{31/}
56.	Water Utility of Greater Tonopah	Sept 24, 1987	64 ^{32/}

	<u>NAME</u>	<u>DATE</u>	<u>ALLOCATION</u> (acre-feet per year)
57.	West End Water Co.	Aug 16, 1985	157
58.	White Tank System (Az. Water Co.)	March 15, 1985	<u>968</u>
			558,511 or 87.43% of available M&I supply

NOTES:

- 1 Sun City Water Company (Citizens Utilities Company) has transferred 9,654 acre-feet of its entitlement to Agua Fria. Sun City Water Company has assigned 2,372 acre-feet of its CAP water entitlement to Sun City West Utilities Company.
- 2 Arizona-American Water Company formerly Paradise Valley Water Company.
- 3 This amount includes Amendment No. 1 to the Arizona State Land Department's (ASLD) CAP subcontract executed on March 12, 1997, decreasing its entitlement from 39,006 to 38,476 acre-feet per year in light of ASLD transferring 530 acre-feet of its CAP water entitlement to the City of Scottsdale. Amendment No. 2 to the ASLD's CAP subcontract executed on July 24, 1998, decreases its entitlement from 38,476 to 34,576 acre-feet per year in light of ASLD transferring an additional 3,900 acre-feet of its CAP water entitlement to the City of Scottsdale. Amendment No. 3 to the ASLD's CAP subcontract decreases its entitlement from 34,576 to 33,076 acre-feet per year in light of ASLD's transferring 1,500 acre-feet of its CAP water entitlement to the City of Mesa, subject to approval by the USBR.
- 4 Figure for the year 2034. Includes allocation to Hayden Smelter. ASARCO elected to contract for 21,000 acre-feet of its original 22,610 acre-foot allocation of CAP water.
- 5 This amount includes Amendment No. 1 to Avondale's CAP subcontract executed on December 3, 1997, increasing Avondale's entitlement from 4,099 to 4,746 acre-feet per year in light of McMicken Irrigation District transferring 647 acre-feet of its CAP M&I water entitlement to Avondale.
- 6 Berneil Water Co. has transferred 200 acre-feet of its CAP water allocation to the City of Scottsdale, subject to approval by the USBR, and 32 acre-feet to the City of Phoenix. Also, Berneil is in the process of assigning 200 acre-feet of its CAP water allocation to Cave Creek Water Co.
- 7 Figure for the year 2034. Formerly Cities Service Co. and Magma Copper Co.
- 8 Figure for the year 2034.
- 9 As part of a corporate restructuring, Brooke Water assigned its CAP water entitlement of 3,932 acre-feet to Circle City Water Company. The subcontract for Circle City was executed on December 17, 1999. Brooke Water originally acquired the entitlement from Consolidated Water Utilities (Maricopa) in 1996 through bankruptcy proceedings.

- 10 This amount includes Amendment No. 1 to Community Water Company of Green Valley's CAP subcontract executed on May 27, 1997, increasing its entitlement from 1,100 to 1,337 acre-feet per year in light of New Pueblo Water Company transferring its CAP water entitlement of 237 acre-feet to Community Water Company.
- 11 Figure for the year 2034. Formerly Inspiration Consolidated Copper Co.
- 12 This amount includes Amendment No. 1 to the Town of Florence's CAP subcontract executed on February 2, 1995, increasing its entitlement from 1,641 to 2,048 acre-feet per year in light of Florence's acquisition of Arizona Sierra Utility Company's CAP water entitlement of 407 acre-feet.
- 13 This amount includes Amendment No. 1 to the City of Glendale's CAP subcontract executed on October 12, 1993, increasing its entitlement from 14,083 to 14,183 acre-feet per year in light of Glendale's assumption of 100 acre-feet of New River Utility's CAP entitlement.
- 14 The CAP allocation to City of Globe is to be reallocated pursuant to the San Carlos Apache Tribe Water Rights Settlement Act of 1992 to the San Carlos Apache Tribe, contingent upon satisfaction of the conditions contained in the Act.
- 15 This amount includes Amendment No. 1 to the City of Goodyear's CAP subcontract executed on October 26, 1999, increasing its entitlement from 2,374 to 3,381 acre-feet per year in light of McMicken Irrigation District assigning 1,007 acre-feet of its CAP M&I entitlement to Goodyear.
- 16 The subcontract for Town of Marana was executed on October 12, 1999. The Town of Marana acquired Cortaro-Marana Irrigation District's CAP allocation of 47 acre-feet.
- 17 This amount includes Amendment No. 1 to the City of Mesa's CAP subcontract executed on October 9, 1986, increasing Mesa's entitlement from 20,129 to 29,527 acre-feet per year in light of Mesa's acquisition of the water utility systems of Desert Sage Water Company, Desert Sands Water Company, and Crescent Valley Utility Company; Amendment No. 2 to Mesa's CAP subcontract executed on August 22, 1991, increasing Mesa's entitlement from 29,527 to 33,459 acre-feet in light of Mesa's acquisition of Turner Ranches Water Co.; Amendment No. 3 to Mesa's CAP subcontract executed on November 17, 1993, increasing Mesa's entitlement from 33,459 to 34,292 acre-feet in light of Mesa's assumption of Williams Air Force Base's CAP allocation; Amendment No. 4 to Mesa's CAP subcontract executed on December 20, 1995, increasing Mesa's entitlement from 34,292 to 34,888 acre-feet in light of Mesa's acquisition of 596 acre-feet of Queen Creek Irrigation District's CAP M&I allocation. Amendment No. 5 to Mesa's CAP subcontract increases Mesa's entitlement from 34,888 to 36,388 acre-feet in light of Mesa's acquisition of 1,500 acre-feet of ASLD's CAP water allocation, subject to approval by the USBR
- 18 The City of Tucson's original CAP allocation and subcontract was for 148,420 acre-feet. Amendment No. 1 to Tucson's subcontract executed on September 28, 1998, decreases Tucson's entitlement to 138,920 acre-feet per year after Tucson transferred 9,500 acre-feet to First Trust of Arizona: 8,858 acre-feet for Metropolitan Domestic Water Improvement District and 642 acre-feet for the Town of Oro Valley.
- 19 New River Utility Co. has transferred 100 acre-feet of its CAP water allocation to the City of Glendale and 374 acre-feet of its allocation to the City of Peoria. Amendment No. 1 to New River's subcontract, executed on September 27, 1993, decreases New River's entitlement from 2,359 to 1,885 acre-feet per year to reflect these transfers.
- 20 Allocation formerly held by Foothills Water Co. and later Canada Hills.
- 21 This amount includes Amendment No. 1 to the City of Peoria's CAP subcontract executed on July 11, 1989, increasing Peoria's entitlement from 15,000 to 17,849 acre-feet per year in light of Peoria's condemnation of the water utility system of Clearwater Water Co.; Amendment No. 2 to Peoria's CAP subcontract executed on September 27, 1993, increasing Peoria's entitlement from 17,849 to 18,233 acre-feet per year which reflects Peoria's assumption of 374 acre-feet of New River Utility Co.'s CAP

- allocation; and Amendment No. 3 to Peoria's CAP subcontract which will increase Peoria's entitlement from 18,223 to 18,709 acre-feet per year in light of Peoria's assumption of 486 acre-feet of McMicken Irrigation District's CAP M&I allocation, subject to approval by the USBR.
- 22 This amount includes Amendment No. 1 to the City of Phoenix's CAP subcontract executed on February 19, 1998, increasing its entitlement from 113,882 to 113,914 acre-feet per year which reflects the transfer by Berneil Water Co. of 32 acre-feet of its CAP entitlement.
- 23 As part of a corporate restructuring, E&R Water Company has assigned its CAP water entitlement of 161 acre-feet to Pine Water Company. The subcontract for Pine Water Company was executed on December 23, 1999. E&R Water Company was formerly Pine Improvement Association.
- 24 By subcontract executed on December 20, 1995, Queen Creek Water Company has acquired 348 acre-feet of Queen Creek Irrigation District's CAP M&I water entitlement.
- 25 The City of Scottsdale's original CAP allocation and subcontract was for 19,702 acre-feet. Amendment No. 1 to Scottsdale's CAP subcontract was executed on December 12, 1990, and increased Scottsdale's entitlement to 20,488 acre-feet per year in light of Scottsdale's acquisition of the water utility systems of Ironwood Water Company and North Valley Water Company. Amendment No. 2 to Scottsdale's CAP subcontract was executed on August 20, 1993, and increased Scottsdale's entitlement to 21,442 acre-feet per year in light of Scottsdale's acquisition of Carefree Ranch Water Co. Amendment No. 3 to Scottsdale's CAP subcontract was executed on January 21, 1994, and increased Scottsdale's entitlement to 26,437 acre-feet per year in light of Scottsdale's acquisition of the Town of Payson's CAP entitlement. Amendment No. 4 to Scottsdale's CAP subcontract was executed on December 8, 1994, and increased Scottsdale's entitlement to 26,576 acre-feet per year in light of Scottsdale's acquisition of Desert Ranch Water Co. Amendment No. 5 to Scottsdale's CAP subcontract was executed on September 27, 1996, and increased Scottsdale's entitlement to 34,203 acre-feet per year in light of Scottsdale's acquisition of the CAP entitlements of the City of Prescott (7,127 acre-feet) and the Yavapai-Prescott Indian Tribe (500 acre-feet). Scottsdale does not pay M&I capital charges to CAWCD for the 500 acre-feet assigned by the Yavapai-Prescott Indian Tribe, and that water is still considered Indian water for purposes of determining the allocation and repayment of CAP costs. The total allocation shown in the report represents M&I water only and does not include the 500 acre-feet received from Yavapai-Prescott Indian Tribe. Amendment No. 6 to Scottsdale's CAP subcontract was executed on September 27, 1996, and increased Scottsdale's entitlement to 36,886 acre-feet per year in light of Scottsdale's acquisition of the CAP entitlement of Rio Rico Utilities, Inc. Amendment No. 7 to Scottsdale's CAP subcontract was executed on March 12, 1997, and increased Scottsdale's entitlement to 36,916 acre-feet per year in light of Scottsdale's acquisition of 530 acre-feet from Arizona State Land Department. Amendment No. 8 to Scottsdale's CAP subcontract was executed on March 12, 1997, and increased Scottsdale's entitlement to 41,197 acre-feet per year in light of Scottsdale's acquisition of the CAP entitlements of the City of Nogales (3,949 acre-feet) and Mayer Domestic Water Improvement District (332 acre-feet). Amendment No. 9 to Scottsdale's CAP subcontract was executed on April 29, 1998, and will increase Scottsdale's entitlement to 41,397 acre-feet per year in light of Scottsdale's acquisition of 200 acre-feet from Berneil Water Co. Amendment No. 10 to Scottsdale's CAP subcontract was executed on July 24, 1998, and will increase Scottsdale's entitlement to 45,297 acre-feet per year in light of Scottsdale's acquisition of an additional 3,900 acre-feet from Arizona State Land Department. Amendment No. 11 to Scottsdale's CAP subcontract was executed on August 24, 1998, and will increase Scottsdale's entitlement to 48,529 acre-feet per year in light of Scottsdale's acquisition of Camp Verde's CAP allocation of 1,443 acre-feet and Cottonwood's CAP allocation of 1,789 acre-feet.
- 26 Formerly Ranchlands, Inc.
- 27 By subcontract executed July 10, 1998, Sun City Water Co. (Youngtown) has acquired Youngtown's CAP allocation of 380 acre-feet.
- 28 By subcontract executed on November 1, 1996, Surprise acquired 7,373 acre-feet of CAP M&I water from McMicken Irrigation District.

- 29 Vail Water Company formerly Del Lago Water Company.
- 30 In 1997, Water Utilities Community Facilities District (Apache Junction) acquired the Consolidated Water Utilities (Pinal County) entitlement through bankruptcy proceedings. This allocation was formerly held by Palm Springs Water Company.
- 31 Formerly West Phoenix Water Company.
- 32 Formerly Sunshine Water Company.

SUBCONTRACTS SIGNED BY NON-INDIAN CAP SUBCONTRACTORS

Agricultural

<u>NAME</u>	<u>DATE</u>	<u>ALLOCATION (% of ag. supply)</u>
1. Central Arizona IDD	Nov 21, 1983	18.01 ^{1/}
2. Chandler Heights Citrus ID	July 3, 1984	0.28 ^{1/}
3. Harquahala Valley ID	Nov 18, 1983	7.67 ^{2/}
4. HoHoKam ID	June 12, 1984	6.36 ^{3/} *
5. Maricopa-Stanfield ID	Nov 21, 1983	20.48 ^{1/}
6. New Magma ID	Nov 21, 1983	4.34 ^{1/}
7. Queen Creek ID	Jan 26, 1984	4.83 ^{1/}
8. Roosevelt Water CD	April 24, 1985	5.98 ^{4/} *
9. San Tan ID	June 29, 1984	0.77 ^{5/}
10. Tonopah ID	June 5, 1984	<u>1.98</u> ^{1/}
		70.70

NOTES:

- 1 Have waived rights to CAP water under their CAP subcontracts.
- 2 HVID allocation was acquired by the US to be used to settle Indian water rights claims. The US has converted or will convert the HVID allocation to a fixed entitlement of 33,251 acre-feet.
- 3 HoHoKam has assigned its CAP entitlement to the Cities of Phoenix, Scottsdale, Chandler and Mesa under an agreement recorded on December 21, 1993.
- 4 As part of the SRPMIC Settlement, RWCD assigned a total of 5,000 acre-feet of its CAP entitlement to Phoenix-area cities. By Notice dated August 14, 1992, RWCD relinquished the remainder of its CAP allocation to the US for the benefit of the Gila River Indian Community.
- 5 Has reduced its CAP entitlement from 0.77 to 0.034 percent.

CAP CONTRACTS SIGNED BY INDIAN ENTITIES

Indian

	<u>NAME</u>	<u>INTENDED USE</u>	<u>ALLOCATION (acre-feet per year)</u>
1.	Ak-Chin	Irrigation	58,300
2.	Camp Verde (Yavapai-Apache)	Tribal Homeland	1,200
3.	Fort McDowell	Tribal Homeland	4,300
4.	Gila River Indian Comm.	Irrigation	173,100
5.	Pascua Yaqui	Tribal Homeland	500
6.	Salt River	Irrigation	13,300
7.	San Carlos-Apache	Irrig. & Tr. Homeland	12,700
8.	Tohono O'Odham ^{1/}		
	Chui Chu	Irrigation	8,000
	San Xavier	Tribal Homeland	27,000
	Schuk Toak	Tribal Homeland	10,800
9.	Tonto-Apache	Tribal Homeland	128
10.	Yavapai-Prescott ^{2/}	Tribal Homeland	<u>500</u>
			309,828
			or 100% of the CAP supply allocated to Indian entities

NOTE:

- 1 Formerly Papago Tribe
- 2 The Yavapai-Prescott Indian Tribe assigned its CAP allocation to the City of Scottsdale. However, that 500 acre-feet will continue to be treated as Indian water for purposes of determining the allocation and repayment of CAP costs.

SUBCONTRACTS DECLINED/TERMINATED BY NON-INDIAN ENTITIES

Municipal and Industrial

	<u>NAME</u>	<u>ALLOCATION</u> <u>(acre-feet per year)</u>
1.	Arizona Game and Fish Dept.	324 ^{1/}
2.	Arizona Public Service	21,609 ^{2/}
3.	ASARCO Inc., Mission Mine	0 ^{1/}
4.	ASARCO Inc., Pima Mine (Formerly Cyprus-Pima)	5,339 ^{1/}
5.	ASARCO Inc., (Ray Mine)	1,610 ^{3/}
6.	Black Canyon Water Improvement Dist. (Formerly Trails End Water Serv.)	226
7.	Cyprus, Sierrita Mine (Formerly Duval)	8,549 ^{1/}
8.	Maricopa Mtn. Water Co.	108
9.	Miami-Claypool (AZ Water Co.)	1,829
10.	The Park Company	4,444 ^{2/}
11.	Phelps-Dodge Corp.	14,665 ^{4/}
12.	Salt River Project	<u>21,609</u> ^{2/}
		80,312 ^{5/}

NOTES:

- 1 Figure for the year 2034.
- 2 Figure for the year 2034. Entity signed its CAP water service subcontract and later terminated it.
- 3 ASARCO elected to contract for 21,000 acre-feet of its original 22,610 acre-feet allocation of CAP water. Thus, ASARCO declined 1,610 acre-feet of its allocation.
- 4 Figure for the year 2034. The CAP allocation to Phelps Dodge Corp. is to be reallocated pursuant to the San Carlos Apache Tribe Water Rights Settlement Act of 1992 to the San Carlos Apache Tribe, contingent upon satisfaction of the conditions contained in the Act.
- 5 Of this 80,312 acre-feet of "declined" M&I water, it is anticipated that 65,647 acre-feet will be available for reallocation. (The Phelps-Dodge allocation may not be available for reallocation for the reasons given in note 4 above. Accordingly, 14,665 acre-feet may be subtracted from the 80,312 figure; leaving a total balance of 65,647 acre-feet estimated to be available for reallocation.)

SUBCONTRACTS DECLINED BY NON-INDIAN ENTITIES**Agricultural**

<u>NAME</u>	<u>ALLOCATION</u> <u>(% of ag. supply)</u>
1. Arcadia Water Company	0.13
2. Avra Valley ID	3.69
3. Cortaro-Marana ID	2.14
4. Farmers Investment Co	1.39
5. Kemper Marley, Jr	0.04
6. La Croix	0.04
7. McMicken ID	7.28
8. MCMWCD #1	4.66
9. W.E. Rood	0.04 ^{1/}
10. Roosevelt ID	2.61
11. Salt River Project	2.97
12. U.S. Forest Service	<u>0.22</u>
	25.21

Note:

- 1 ADWR determined that Rood's lands were ineligible for CAP agricultural water.

Attachment 5

Attachment 6

MONTHLY INDIAN DELIVERIES

CALENDAR YEAR 2000

(By Classification)

Table #3

ON-RESERVATION	CALENDAR YEAR 2000												TOTAL	SCHEDULE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC				
\$54/AF (5)																
Ak-Chin Farms Indians	4,349	5,495	8,259	10,068	10,956	7,178	8,047	6,927	4,191	1,556	228	1,781	69,035	65,000		
San Xavier Coop. Farm	0	0	0	0	0	0	0	0	0	0	0	0	0	450		
Tohono O'Odham/Schik Tk	0	0	0	0	0	15	233	0	9	314	0	131	702	2,000		
Sub Total	4,349	5,495	8,259	10,068	10,956	7,193	8,280	6,927	4,200	1,870	228	1,912	69,737	67,450		

OFF-RESERVATION	CALENDAR YEAR 2000												TOTAL	SCHEDULE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
\$54/AF (6)															
Chandler (Assignment)	972	0	0	0	0	0	0	0	0	0	0	0	972	972	
Chandler (Lease)	0	0	0	126	193	773	835	561	98	0	0	0	2,586	2,586	
Chandler (Weltn - Mohk)	0	0	0	0	0	0	0	0	386	213	240	697	1,536	2,000	
Del Webb (Ak-Chin)MWD	0	0	0	0	0	0	0	2,170	2,422	583	0	0	5,175	5,500	
Anthem (Ak-Chin)pump	161	130	126	204	277	256	276	245	250	206	128	143	2,402	3,492	
Gilbert (Assignment)	163	166	205	282	356	365	0	0	0	0	0	0	1,537	1,537	
Gilbert (Lease)	0	0	0	0	0	80	147	200	202	178	109	622	1,538	2,182	
Gilbert (Weltn - Mohk)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Glendale (Assignment)	349	333	0	0	0	0	0	0	0	0	0	0	682	682	
Glendale (Lease)	0	0	118	1,179	517	0	0	0	0	0	0	0	1,814	1,814	
Glendale (Weltn - Mohk)	0	1,733	1,114	0	0	0	0	0	0	0	0	0	2,847	2,847	
Mesa (Assignment)	627	0	0	0	0	0	0	0	0	0	0	0	627	627	
Mesa (Lease)	728	941	0	0	0	0	0	0	0	0	0	0	1,669	1,669	
Mesa (Weltn - Mohk)	0	123	998	1,372	124	0	0	0	0	0	0	0	2,617	2,617	
Phoenix (Assignment)	1,136	0	0	0	0	0	0	0	0	0	0	0	1,136	1,136	
Phoenix (Lease)	0	0	0	0	0	0	0	0	3,023	0	0	0	3,023	3,023	
Phoenix (Weltn - Mohk)	0	0	0	0	0	0	0	0	4,499	0	0	0	4,752	4,752	
San Carlos Apch (RWCD)	3,340	6,296	4,364	0	0	0	0	253	0	0	0	0	14,000	14,000	
Scottsdale (Assignment)	23	0	0	0	0	0	0	0	0	0	0	0	23	23	
Scottsdale (Lease)	0	0	0	0	0	0	60	0	0	0	0	0	60	60	
Scottsdale (Weltn - Mohk)	0	0	0	0	0	0	105	0	0	0	0	0	105	105	
Scottsdale (Yavpi - Pres)	0	0	0	0	0	0	500	0	0	0	0	0	500	500	
Tempe (Assignment)	23	0	0	0	0	0	0	0	0	0	0	0	23	23	
Tempe (Lease)	60	0	0	0	0	0	0	0	0	0	0	0	60	60	
Tempe (Weltn - Mohk)	105	0	0	0	0	0	0	0	0	0	0	0	105	105	
Sub Total	7,687	9,722	6,925	3,163	1,467	1,474	1,923	3,429	10,880	1,180	477	1,462	49,789	52,312	
TOTAL (INDIAN)	12,036	15,217	15,184	13,231	12,423	8,667	10,203	10,356	15,080	3,050	705	3,374	119,526	119,762	
TOTAL DELIVERIES	49,080	81,360	113,890	168,455	181,065	205,161	227,902	205,623	152,653	79,334	29,103	47,208	1,540,834	1,585,914	

Attachment 7

Santan Expansion Project

Arizona Power Plant and
Transmission Line Siting Committee



SCALE IN MILES

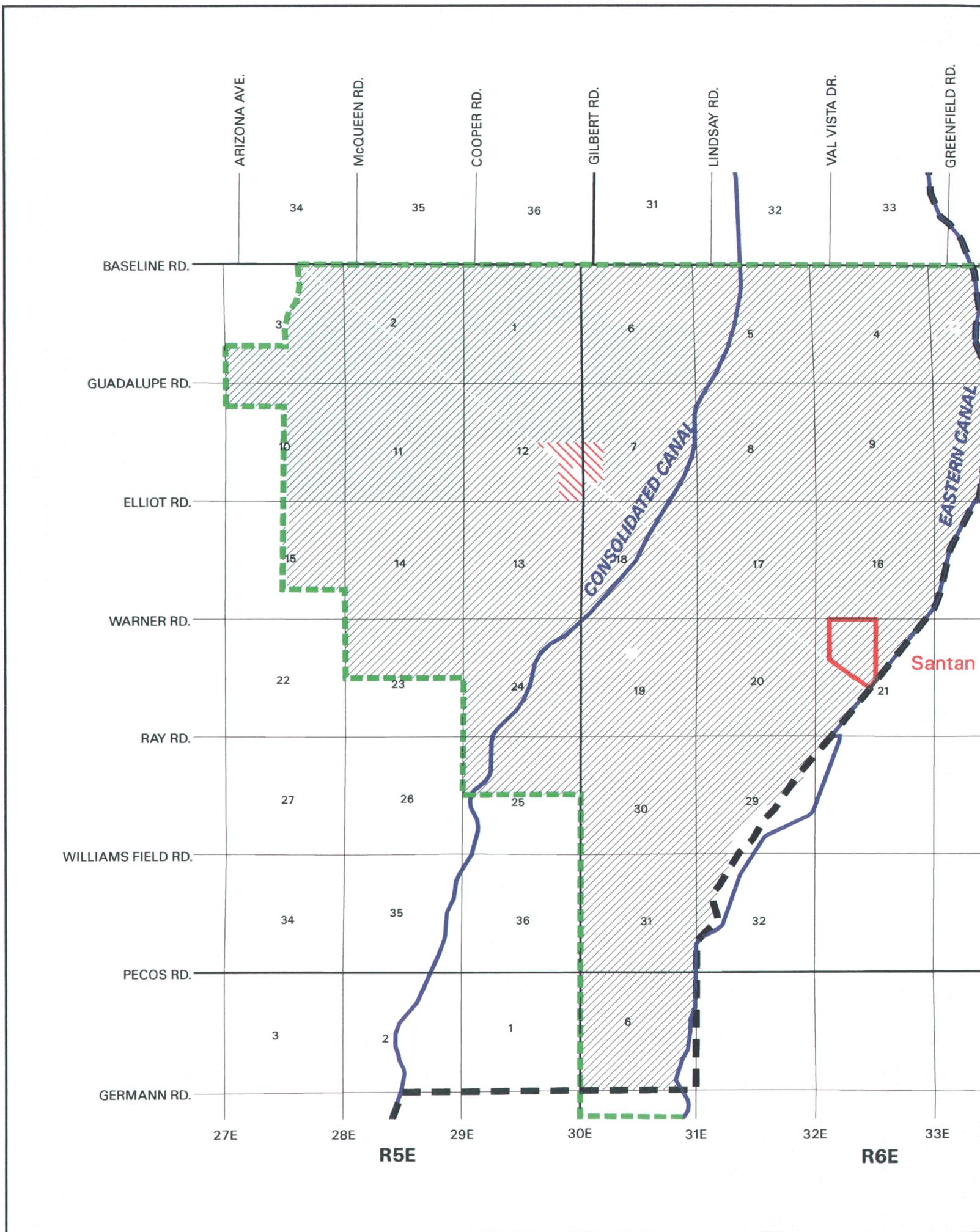


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R5E

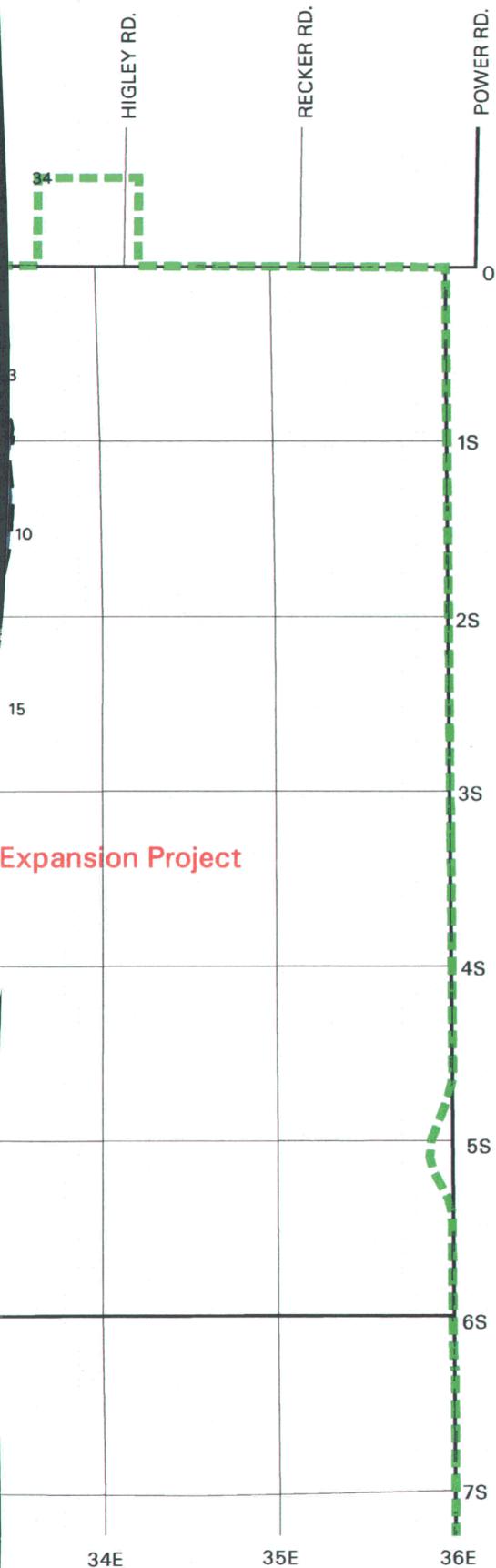
R6E

Attachment 8



Town of Gilbert Eligible Lands & Santan Expansion Project

Arizona Power Plant and
Transmission Line Siting Committee



-  Class A Lands¹
-  SRVWUA Member Lands
-  Townsite Lands
-  Major Canal
-  Salt River Reservoir District Boundary
-  Town of Gilbert City Water Service Area
-  Santan Expansion Project

¹ Lands decreed a water right to the normal flow of the Salt River and its tributaries by Judge Edward Kent in *Patrick T. Hurley v. Charles F. Abbott*, Case No. 4564, 3rd Judicial District, Territory of Arizona, March 1, 1910 and supplemental decrees dated March 26, May 28 and December 13, 1910 (Kent Decree).

1 inch = 1 mile
Scale in Feet



Attachment 9



COPY

ARIZONA DEPARTMENT OF WATER RESOURCES
WATER STORAGE PERMIT

PERMIT NO. 73-516371.5000

STATE OF ARIZONA)ss.
)
COUNTY OF MARICOPA)

Pursuant to 1994 Ariz. Sess. Laws, Chapter 291, § 62, the Director hereby grants authority to the Permittee to store water, subject to the following limitations and conditions:

Permit Limitations

Permittee:	Town of Gilbert 1025 S. Gilbert Road Gilbert, Arizona 85234
Storage Facility Permit Number:	No. 71-516371
Management Area: Phoenix	Subbasin: East Salt River Valley
Water To Be Stored:	Central Arizona Project water

COPY

Legal Basis for Acquiring
Water To Be Stored:

Contracts with the Central Arizona Water
Conservation District

Maximum Permitted Storage:

10,235 acre feet per annum

Duration of Permit:

January 1, 1995 to December 31, 2010

Permit Conditions

1. Prior to water storage, the Permittee shall obtain any water quality permit (aquifer protection permit) required by the Arizona Department of Environmental Quality under Title 49, Chapter 2, Article 3.
2. The annual report shall be submitted no later than March 31 following the end of each completed annual reporting period. The first annual reporting period shall be from the date of this permit through December 31, 1995. Subsequent annual reporting periods shall be January 1 through December 31.
3. The Permittee shall continue to meet the requirements of A.R.S. § 45-831.01 during water storage.
4. Recovery of stored water is prohibited unless the Permittee receives a recovery well permit pursuant to A.R.S. § 45-834.01 (previously A.R.S. § 45-807).
5. The Permittee shall not recover water in excess of the amount allowed by Title 45, Chapter 3.1, Article 4, Arizona Revised Statutes.
6. The Permittee shall report all assignments of long-term storage credits accrued pursuant to this permit to the Arizona Department of Water Resources in accordance with A.R.S. § 45-854.01.
7. Water may be stored pursuant to this permit only at Constructed Underground Storage Facility, Permit No. 71-516371.

Witness my hand and seal of office this 30 day of
December, 1994.

Herb Dishlip

Herb Dishlip, Deputy Director

Attachment 10



ARIZONA DEPARTMENT OF WATER RESOURCES
WATER STORAGE PERMIT

PERMIT NO. 73-516371.1000

STATE OF ARIZONA)ss.
)
COUNTY OF MARICOPA)

Pursuant to 1994 Ariz. Sess. Laws, Chapter 291, § 62, the Director hereby grants authority to the Permittee to store water, subject to the following limitations and conditions:

Permit Limitations

Permittee:	Salt River Valley Water Users' Association and Salt River Project Agricultural Improvement and Power District, collectively known as Salt River Project P.O. Box 52025 Phoenix, Arizona 85072
Storage Facility Permit Number:	No. 71-516371
Management Area: Phoenix	Subbasin: East Salt River Valley
Water To Be Stored:	Central Arizona Project water

Legal Basis for Acquiring
Water To Be Stored:

Contracts with the Central Arizona Water
Conservation District

Maximum Permitted Storage:

100,000 acre feet per annum

Duration of Permit:

January 1, 1995 to December 31, 2010

Permit Conditions

1. Prior to water storage, the Permittee shall obtain any water quality permit (aquifer protection permit) required by the Arizona Department of Environmental Quality under Title 49, Chapter 2, Article 3.
2. The annual report shall be submitted no later than March 31 following the end of each completed annual reporting period. The first annual reporting period shall be from the date of this permit through December 31, 1995. Subsequent annual reporting periods shall be January 1 through December 31.
3. The Permittee shall continue to meet the requirements of A.R.S. § 45-831.01 during water storage.
4. Recovery of stored water is prohibited unless the Permittee receives a recovery well permit pursuant to A.R.S. § 45-834.01 (previously A.R.S. § 45-807).
5. The Permittee shall not recover water in excess of the amount allowed by Title 45, Chapter 3.1, Article 4, Arizona Revised Statutes.
6. The Permittee shall report all assignments of long-term storage credits accrued pursuant to this permit to the Arizona Department of Water Resources in accordance with A.R.S. § 45-854.01.
7. Water may be stored pursuant to this permit only at Constructed Underground Storage Facility, Permit No. 71-516371.

Witness my hand and seal of office this 30 day of
December, 1994.



Herb Dishlip, Deputy Director

Attachment 11

Attachment 12

MONTHLY AG DELIVERIES
CALENDAR YEAR 2000
 (By Classification)
 Table #2

SUBCONTRACT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SCHEDULE
\$54/AF															
San Tan ID		0	0	0	0	0	134	120	141	74	5	0	0	474	482
Sub Total		0	0	0	0	0	134	120	141	74	5	0	0	474	482

EXCESS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SCHEDULE
PI-3(\$33,23,33/AF) 215-\$33/AF															
A.R.R. Farms/Sec 215 (9)		144	0	5	918	443	733	893	590	192	0	0	0	3,918	4,018
Central Arizona IDD		2,312	5,755	16,623	20,293	14,241	22,206	35,183	15,791	0	0	0	0	132,404	132,404
Chandler Hts CID		0	0	77	144	153	150	150	150	24	0	0	0	848	848
Farmco Ptn/Sec 215 (9)		0	427	400	2,122	2,849	3,853	3,628	2,916	1,089	48	0	0	17,332	17,332
Gila River Indians (4) (10)		0	0	0	0	9,006	12,137	13,749	10,897	4,301	3,917	0	0	54,007	77,279
Harquahala Valley Assoc.		0	0	0	0	46	54	18	28	14	0	0	0	160	160
Harquahala Valley ID (12)		2,278	1,473	1,657	7,036	8,684	9,364	11,590	9,131	6,369	1,157	327	1,040	60,106	61,582
Hohokam IDD		321	30	0	489	772	5,850	9,988	2,755	241	197	2	175	20,820	21,350
Jones, James/Bill Poe (8)		0	0	0	0	0	0	0	0	0	0	0	0	0	15
JTAINMA/Sec 215 (9)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
M&M Farms/Sec 215 (9)		272	0	0	716	393	581	963	747	353	0	0	0	4,025	4,025
Maricopa Stanfield IDD(13)		4,117	7,005	14,266	13,980	19,339	25,029	25,574	21,949	0	0	0	0	131,259	131,259
New Magma IDD		0	0	3,920	7,280	7,497	9,105	13,358	0	0	712	239	3,159	45,270	45,660
Odom Farms/Sec 215 (9)		0	42	177	277	476	425	615	656	244	41	0	0	2,953	3,015
Purcell Jojoba International		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Queen Creek ID		1,320	2,684	4,430	5,575	5,513	5,853	5,719	0	0	0	0	0	31,094	31,094
RHV Farms/Section 215		0	0	0	0	0	209	184	207	0	0	0	0	600	600
Rogers, Frank/Section 215		0	0	0	209	694	665	647	742	454	11	0	0	3,422	3,450
Salt River Proj/Sec 215 (4)		0	16,110	9,549	14,796	21,518	20,997	13,673	31,502	52,380	0	0	0	180,525	188,000
San Carlos ID/Sec 215(10)		0	0	116	559	1,119	6,553	7,414	4,772	1,162	680	0	0	22,375	22,507
San Tan ID		314	10	27	326	253	2	0	0	0	0	0	0	932	932
Tonopah ID (13)		135	411	141	1,445	1,899	1,292	0	0	0	0	0	0	5,323	5,323
Triple W Farm/Sec 215 (9)		79	102	104	494	476	607	834	666	87	0	0	0	3,449	3,449
V.F. Investments/Sec 215		0	280	427	284	176	0	493	1	463	0	0	0	2,124	2,124
Webb Farms, LLC/Sec 215		0	0	0	0	16	20	139	297	228	80	0	0	780	780
Wood Bros/Sec 215 (9)		0	18	25	40	353	297	465	197	0	0	0	0	1,395	1,395
Sub Total		11,292	34,347	51,944	76,983	95,916	125,982	145,277	103,994	67,501	6,843	568	4,374	725,121	758,601
TOTAL (AG)		11,292	34,347	51,944	76,983	95,916	126,116	145,397	104,135	67,675	6,848	568	4,374	725,595	759,083

Attachment 13



ARIZONA DEPARTMENT OF WATER RESOURCES
UNDERGROUND STORAGE FACILITY PERMIT
[CONSTRUCTED]

PERMIT NO. 71-516371

STATE OF ARIZONA)ss.
)
COUNTY OF MARICOPA)

Pursuant to 1994 Ariz. Sess. Laws, Chapter 291, § 62, the Director hereby grants authority to the Permittees to operate a constructed underground storage facility, subject to the following limitations and conditions:

Permit Limitations

Permittees:

Salt River Valley Water Users' Association
and Salt River Project Agricultural
Improvement and Power District, collectively
known as Salt River Project (Operating Agent)
P.O. Box 52025
Phoenix, AZ 85072

City of Mesa
P.O. Box 1466
Mesa, AZ 85201-0904

City of Chandler
200 East Commonwealth Avenue
Chandler, AZ 85225-5595

Town of Gilbert
459 North Gilbert Rd.
Gilbert, AZ 85234

City of Scottsdale
3939 Civic Center Plaza
Scottsdale, AZ 85251

City of Tempe
P.O. Box 5002
Tempe, AZ 85281

City of Phoenix
Phoenix Union Municipal Center
455 North Fifth Street
Phoenix, AZ 85004-2710

Management Area: Phoenix

Subbasin: East Salt River Valley

Location of Facility:

Township 2 North, Range 6 East, Sections 13, 14,
21, 22, 23, 24, 27, 28, 29 and 30

Maximum Storage at Facility:

200,000 acre feet per annum

Duration of Permit:

January 1, 1995 to December 31, 2010

Permit Conditions

1. The Operating Agent shall be in violation of this permit if in any reporting year the total amount of all water stored exceeds 200,000 acre feet.
2. Pursuant to A.R.S. § 45-875.01, the Operating Agent shall file an annual report with ADWR specifying by source and amount the water stored by each individual Permittee during the year, as well as any other information required by statute or by this permit.
3. Prior to commencing construction of the project facilities, the Permittees shall submit

to ADWR a written and signed agreement between the Permittees and the Salt River Pima Maricopa Indian Community ("SRPMIC"), owner of the land where the project will be operated, authorizing the Permittees to use SRPMIC land for the duration of this permit for the operation and construction of this project.

4. Prior to commencing construction of the project facilities, the Permittees shall submit to ADWR a written and signed agreement between the Permittees and the SRPMIC allowing ADWR's authorized representative to enter SRPMIC land for the duration of the permit for the purpose of inspecting the project to the same extent allowed by A.R.S. § 45-880.01.
5. Prior to commencing construction of the project facilities, the Permittees shall submit to ADWR a written agreement signed by all Permittees allocating among the Permittees the responsibilities and duties arising from this Permit and operation of this storage facility. This agreement shall be subject to approval by the Director and shall contain such information as the Director may reasonably require, including a dispute resolution process. Following the approval of this agreement by ADWR, the individual Permittee or Permittees identified in this agreement as being responsible for the various requirements of this Permit shall be the responsible party for any violation of that requirement.
6. Prior to the construction and operation of this storage facility, the Permittee shall obtain any water quality permit (aquifer protection permit) required by the Department of Environmental Quality under Title 49, chapter 2, article 3.
7. The project shall continue to meet the requirements of A.R.S. § 45-811.01 during project operation.
8. The project shall be constructed and shall operate pursuant to the study entitled Granite Reef Underground Storage and Recovery Project Hydrogeologic Report, October, 1988 and supplemental information (correspondence dated 1/10/89, 5/31/89, and 6/15/89) submitted in response to ADWR comments, which are incorporated herein by reference and made a part of this permit.
9.
 - a. The volume of water to be stored, exclusive of effluent, that is discharged to the Salt River bed shall be measured with broadcrested weirs or other ADWR approved open channel measurement devices, properly installed and maintained.
 - b. The volume of effluent discharged to the storage facility shall be measured with a totalizing flow meter or other ADWR approved pipeline measurement device, properly installed and maintained. This device shall be placed at the terminal end of the effluent transmission main prior to discharge to the infiltration basins.
 - c. The outflow, or volume of excess water exiting the infiltration facility, shall be measured with a broadcrested weir or other ADWR approved open channel measurement device, properly installed and maintained.
10.
 - a. Static water levels for the five monitor wells listed below shall be measured

prior to the start of storage operations and continuously throughout project operation. These data shall include measurements from continuous water level recording devices. In the event a water level recorder malfunctions, water levels shall be measured bi-weekly while the device is inoperable.

<u>Owner</u>	<u>Registration No.</u>	<u>Location</u>
SRP	55-516603	(A-2-6) 28DCC
SRP	55-521020	(A-2-6) 28BCC
SRP	55-521021	(A-2-6) 30AAD
Mesa	55-522681	(A-2-6) 30CDC1
Mesa	55-522682	(A-2-6) 30CDC2

- b. Water levels for the monitor wells specified below shall be measured prior to the initial start of storage operations and quarterly throughout project operation (contingent upon owner approval). Water level data from pumping wells shall be recorded as a pumping water level. The frequency of water level measurements may be modified later if monitoring demonstrates that modifications are necessary.

<u>Owner</u>	<u>Registration No.</u>	<u>Location</u>
Apache Wells	55-800719	(A-1-6) ICC
Rachiest Water Co.	55-621047	2CAD
City of Mesa	55-629610	3ADD
J. Habeeb	55-611913	3DDD
Citrus Heights	55-605001	4AAA
RWCD 1 1/2 - 1 3/8W	55-620490	4DBA
RWCD 2 - 1 1/4W	55-620491	4DDC
SRP	55-617118	5CAB
SRP	55-607708	6BBC
SRP	55-617865	7ABB
City of Mesa	55-512235	8BBB
RWCD	55-620492	9ADD
City of Mesa	55-629609	10BBD
RWCD	55-620493	10CCD
SRPMIC	NA	(A-2-5)36DAA
SRP 33.3E - 7.5N	55-607730	(A-2-6)27CAB
SRP 33.1E - 7.3N	55-607109	27CBC
SRP 32.3E - 7N	55-607700	28CDD
RWCD 0 - 1 1/2W	55-620481	28CDD
SRP 32.8E - 7.2N	55-607739	28DDB
Aztec	55-606783	29CDA

Allied Concrete	55-085690	29DDD
Hunter Contracting-	55-618878	30CCB
Kaser Citrus	55-601754	31ADC
City of Mesa No. 21	55-512354	31DAB2
SRP 30.5E - 6N	55-607738	31DCC
SRP 31.8E - 6.5N	55-617871	32ACD
City of Mesa	55-509148	32CDC
RWCD 1/8 - 1 5/8W	55-620482	33BAD2
RWCD 1/4 - 1 7/8W	55-620484	33BCA1
RWCD 3/4 - 1 1/2W	55-620488	33CAD2
RWCD 1/2 - 1 3/4W	55-620487	33CBA2

11. The Director, in her discretion, may allow a minor change in the requirements contained in paragraphs 8 through 10 of this Permit, only upon a showing in writing by the Permittee that the proposed change is not substantial and will not cause harm to surrounding land and water users.
12. All monitoring data collected shall be reported to the Operations Division of ADWR, 500 N. 3rd Steet, Phoenix, Arizona 85004, in the form of annual data reports. The data reports shall include the following:
 - a. Total volume of water discharged into the storage facility compiled weekly.
 - b. Total volume of water exiting the storage facility compiled weekly.
 - c. Static water levels for monitor wells referred to in Items 10.a. and 10.b above, in feet above mean sea level and feet below land surface.
 - d. Infiltration rates obtained throughout project operation. Methodology used to calculate infiltration rates shall be submitted and shall include data used in the calculations (discharge rates, wetted surface area, evaporation data, staff gauge readings, etc.)
 - e. Annual evaporative losses. Methodology used to calculate evaporative losses shall be submitted and shall include data used in the calculations (evaporation data, wetted surface area, days of standing water).
 - f. Source water and ambient groundwater quality sampling results as required by the aquifer protection permit issued by ADEQ.
 - g. Descriptive summary and analysis of water quality, water level and water volume data collected during the prior one year period which describes the efficiency of the project and any potential adverse impacts.
 - h. Such other information as the Director may reasonably require.
13. The annual data report shall be submitted no later than March 31 following the end of

each completed annual reporting period. The first annual reporting period shall be from the date of this permit through December 31, 1995. Subsequent annual reporting periods shall be January 1 through December 31.

14. In accordance with A.R.S. § 45-814.01(G), the monitoring requirements of this permit may be modified as the ADWR finds necessary, depending upon the water storage permits that become affiliated with this storage facility permit and upon other circumstances.

*Witness my hand and seal of office this 30
day of December, 1994.*



Herb Dishlip, Deputy Director