



DOUGLAS A. DUCEY  
Governor

THOMAS BUSCHATZKE  
Director

**ARIZONA DEPARTMENT of WATER RESOURCES**

1110 West Washington Street, Suite 310  
Phoenix, Arizona 85007  
602.771.8585  
azwater.gov

September 23, 2016

56-000335.0000

CORPORATION OF THE PRESIDING BISHOP OF THE LDS CHURCH  
ATTN: KELLY TRYON  
79 S. MAIN ST. SUITE 1000  
SALT LAKE CITY, UT 84111

Dear Small Municipal Provider:

This is an OFFICIAL NOTICE that the Director of the Arizona Department of Water Resources (Director) has issued a Final Order adopting the management plan for the Tucson Active Management Area (TAMA) for the fourth management period, (4MP). This is also an Official Notice of the conservation requirements, distribution system requirements, and monitoring and reporting requirements established in the 4MP for small municipal providers, which will become effective on January 1, 2019. **PLEASE CAREFULLY REVIEW THIS NOTICE AND THE ENCLOSED REQUIREMENTS.**

On July 27, 2016, the Director issued a Final Order adopting the 4MP. The 4MP was adopted in accordance with Arizona's Groundwater Code (Code), which requires the Director to establish a continuing mandatory conservation program for all persons withdrawing, distributing or using groundwater within the AMA. For small municipal providers, the Code requires the Director to establish reasonable conservation requirements. The Code also requires the Director to establish conservation measures as may be appropriate for individual users and economically reasonable conservation requirements for the distribution of groundwater by cities, towns, private water companies and irrigation districts within their service areas.

As required by the Code, the 4MP contains reasonable conservation requirements for small municipal providers (4MP, section 5-708). The 4MP also contains individual user conservation requirements for municipal providers and individual users (4MP, section 5-709), conservation requirements for municipal distribution systems (4MP, section 5-710), monitoring and reporting requirements for municipal providers and individual users (4MP, section 5-711), and remediated groundwater accounting for conservation requirements (4MP, section 5-712). The aforementioned sections are enclosed herein as Attachment B1 which is incorporated into this notice by reference.

As a municipal provider serving 250 acre-feet or less of water for non-irrigation use during a calendar year, you are a small municipal provider. Beginning on January 1, 2019, and continuing

56-000335.0000

until the first compliance date for any substitute requirements in the Fifth Management Plan, you shall comply with the conservation requirements for small municipal providers in section 5-708 of the 4MP, the individual user requirements in section 5-709 of the 4MP, the distribution system conservation requirements for small municipal providers in section 5-710 of the 4MP and the applicable monitoring and reporting requirements in section 5-711 of the 4MP.

You should be aware that if you begin serving more than 250 acre-feet of water per year for non-irrigation use during the fourth management period, you will become a large municipal provider. In that event, you will be required to comply with the conservation requirements for new large municipal providers in section 5-707 of the 4MP and the distribution system requirements for large municipal providers pursuant to section 5-710(1) of the 4MP.

You have the right to seek administrative relief from the conservation requirements established in the 4MP. You also have the right to seek judicial review of the Director's Order adopting the 4MP. The following is a description of your rights.

#### Administrative Relief

The Director has found the conservation requirements in the 4MP to be equitable for most water users. However, there are two separate methods for seeking administrative relief from the conservation requirements if you believe you will be unable to comply with the requirements. You may request a VARIANCE or an ADMINISTRATIVE REVIEW.

#### 1. VARIANCE

A person who requires additional time to comply with a new conservation requirement or distribution system requirement may apply to the director for a VARIANCE from the requirement pursuant to A.R.S. § 45-574. The director may grant a variance for up to five years upon a showing of "compelling economic circumstances" that will prevent the person from complying with the requirement. An application for a variance must be filed within 90 days after the date you receive this notice.

#### 2. ADMINISTRATIVE REVIEW

If you feel that a conservation requirement or distribution system requirement is unreasonable as applied to you, you may apply for an ADMINISTRATIVE REVIEW of the requirement pursuant to A.R.S. § 45-575. An application for administrative review under A.R.S. § 45-575 must be filed within 90 days after the date you receive this notice.

An administrative review may also be applied for at any time during the fourth management period if extraordinary circumstances not in existence as of the date of this notice make it unreasonable to require your compliance with a conservation requirement. If these circumstances should arise during the fourth management period, please contact Chanel Fitch-Kirkpatrick at 602-771-8585 for information and application procedures.

## Judicial Review

In addition to seeking administrative relief through a request for variance or administrative review, you may seek judicial review of the Director's Order adopting the 4MP pursuant to A.R.S. § 45-114(C). Any action for judicial review must be filed within 35 days after your receipt of this notice.

You may review the entire 4MP at the locations listed in Attachment E, enclosed herein. If you have any questions regarding your conservation requirements or if you need an application form and information on the Variance or Administrative Review procedures, please call Chanel Fitch-Kirkpatrick at 602-771-8585.

Sincerely,



Clint Chandler  
Assistant Director, Water Planning & Permitting Division

Encl.: Attachment B1: 4MP, sections 5-701; 5-707; 5-708; 5-709; 5-710; 5-711; 5-712;  
Appendix 5B  
Attachment E: 4MP Locations





**JANICE K. BREWER**  
Governor

**HERBERT R. GUENTHER**  
Director

**ARIZONA DEPARTMENT OF WATER RESOURCES**

3550 North Central Avenue, Second Floor  
PHOENIX, ARIZONA 85012-2105  
(602) 771-8500

February 8, 2010

56-000335.0000  
LDS CHURCH  
14180 W. KIRBY-HUGHES  
MARANA, AZ 85653

Dear Provider:

Pursuant to Arizona Revised Statutes (A.R.S.) § 45-498 of the Groundwater Code, each city, town, private water company, and irrigation district within an AMA must maintain a current map delineating its service area and distribution system with the Arizona Department of Water Resources. On the reverse side of this letter is a form to indicate whether your service area boundaries or distribution system have changed since January 1, 2009.

Please submit the completed form, along with map copies if applicable, to the Tucson AMA office by March 31, 2010. If you have any questions, please contact the Tucson AMA office at 520-770-3800.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Tannler".

Jeff Tannler  
Tucson Area Director  
ADWR Tucson AMA Office  
400 West Congress, Suite 518  
Tucson, AZ 85701  
520-770-3800  
[jmtannler@azwater.gov](mailto:jmtannler@azwater.gov)

cc: File

**ARIZONA DEPARTMENT OF WATER RESOURCES**

**2009 SERVICE AREA MAP UPDATE**

Provider Name: LDS CHURCH

Provider Number: 56-000335.0000

According to A.R.S. § 45-498 of the Arizona Groundwater Code, each city, town, private water company and irrigation district within an Active Management Area is required to maintain an accurate and current map delineating its service area and water distribution system.

If your service area boundaries or operating distribution system have not changed since January 1, 2009 please indicate this below. If your service area boundaries or operating distribution system have changed since January 1, 2009, please indicate this below and submit two copies of your revised service area map to the Tucson AMA office no later than March 31, 2010. You may submit the maps along with your 2009 Annual Water Withdrawal and Use Report if you wish. A duplicate copy of the service area map submitted to the Department shall be kept on file at your offices.

Maps must be drawn at a scale of 1:31,680 (2 inches to the mile) or larger and must contain all of the elements listed below:

1. The principal features of the operating distribution system including wells, water treatment plants, pumping stations, reservoirs and storage tanks, canals and existing water mains of a diameter greater than or equal to four (4) inches.
2. The diameter and linear miles of the mains and the capacity of other features of the operating distribution system.
3. The changes to your operating distribution system made between January 1, 2009 and December 31, 2009 highlighted in a "contrasting" color.
4. Changes to the service area boundary since January 1, 2009 must be shown as accurately as possible in a "contrasting" color. "Service area" denotes the area of land actually being served water.
5. Townships, ranges and sections must be included within the exterior boundaries of the service area.
6. A map legend, scale bar, north arrow, and date.
7. Each map must be signed and dated by an authorized representative.

\_\_\_ Service area boundaries and operating distribution system have not changed since January 1, 2009.

\_\_\_ Service area boundaries or operating distribution system have changed since January 1, 2009.  
(Two copies of the revised map must be submitted with your annual report)

_____ Name (please print)	_____ Title
_____ Signature/Date	_____ Phone
_____ e-mail address	

**PLEASE SUBMIT ALL MAP REVISIONS BY MARCH 31, 2010**

Electronically submitted files must be .PDFs, ArcGIS shapefiles, or geodatabase files. Electronic data may be submitted on a CD or emailed to the Tucson AMA office to Jeff Tannler at [jmtannler@azwater.gov](mailto:jmtannler@azwater.gov). CDs should be labeled with the Provider name and Right Number associated with the Service Area.

**ARIZONA DEPARTMENT OF WATER RESOURCES**  
**Tucson Active Management Area**  
400 W. Congress, Suite 518 • Tucson, Arizona 85701-1374  
Telephone (520) 770-3800 • Fax (520) 628-6759



June 9, 2003

56-000335.0000

L D S CHURCH  
C/O DANIEL K. POST  
14180 W. KIRBY HUGHES  
MARANA, AZ 85653

Dear Tucson AMA Municipal Provider:

**This is an OFFICIAL NOTICE of modifications to your conservation requirements for the Third Management Period, 2000 – 2010. It is important that you review and understand this notice.**

I. Modification of the Third Management Plan

The Director of Water Resources (“Director”) has adopted modifications to the conservation requirements established for municipal water providers in the management plan for the Tucson Active Management Area for the Third Management Period (“Third Management Plan”). The modifications were made pursuant to the public hearing and comment provisions of A.R.S. § 45-572. The purpose of this notice is to inform you of the modifications.

The modifications to the conservation requirements for municipal providers fall into two broad categories. First, the non-per capita conservation program for large municipal providers was modified to allow for increased flexibility in the use of substitute reasonable conservation measures and to make corrections and technical changes. Second, the individual user requirements for municipal providers and individual users were modified to conform to recent legislation regarding responsibility for compliance with the requirements and to change the provisions allowing waivers from the right-of-way landscaping regulations.

II. Summary of Modifications

The following is a brief description of the modifications to the conservation requirements for large municipal providers, grouped according to the three categories described in the preceding section. References are to the paragraphs in the enclosed attachments where the official language of the modification is found.

A. Non-Per Capita Conservation Program

1. The “Landscape Retrofit Program For Existing Residential Customers” reasonable conservation measure (RCM) was removed from the Residential Interior category of the Substitute Reasonable Conservation Measure list and

added to the Residential Exterior category of the Substitute Reasonable Conservation Measure list.

2. The “Distribution Of Conservation Information To All New Non-Residential Customers And Submittal Of Water Use Plan By New Large Facilities” RCM has been modified by removing references to new large produce processing facilities as an individual user.
3. The “Exterior Audit Program For Existing Non-Residential Customers” RCM has been modified by labeling it as a Non-Residential Exterior RCM, and not a Non-Residential Interior RCM.
4. The “Water Audit And Fixture Retrofit Program For Existing Residential Customers” RCM has been modified to clarify that only those audits or retrofits that are verified by the water provider as having been successfully completed will count towards the required number of audits or retrofits. Additional language has been added to require a follow up survey of a statistically significant sample of audited customers to determine if they have implemented any changes in interior water use habits. The “Audit Program For Existing Residential Customers” RCM was similarly modified to clarify that only those audits that are verified as having been successfully completed will count towards the number of audits required by the RCM.
5. The “Landscape Ordinance Or Condition Of New Service for New Facilities” RCM has been modified to exclude all schools, parks, cemeteries, common areas of housing developments and public recreational facilities from the provisions of this RCM.
6. Section 5-104 of the Third Management Plan was modified to allow a provider regulated under the program to replace a standard RCM in a water use category with a substitute RCM in a different water use category if the director determines that the substitute RCM will result in a water use efficiency that is greater than the efficiency that would result from implementation of the standard RCM and that the substitution will not result in the provider implementing no RCMs in the water use category in which the standard RCM is contained. Previously, the program only allowed for the substitution of a standard RCM with a substitute RCM in the same water use category or a system related substitute RCM.

**B. Individual User Requirements**

1. Section 5-111 of the Third Management Plan have was modified to conform with Laws 2002, Ch. 133, § 2, which amended A.R.S. § 45-571.02 and allows the Director of Water Resources to give notice of an individual user requirement to an existing individual user more than thirty days after the management plan was adopted. If a notice is given more than thirty days following the adoption of the management plan, the individual user shall comply with the requirement by January 1 of the calendar year following the first full year after the date of the notice, and the municipal water provider shall continue to be responsible for

complying with the requirement until the first date on which the individual user is required to comply with the requirement.

2. Section 5-111 of the Third Management Plan was modified to clarify that acceptable reasons for granting a waiver for the purpose of serving groundwater to plants in publicly-owned right-of ways that are not listed on the Low Water Use /Drought Tolerant Plant List are for cases involving low-light conditions and elevation which lead to the inability to grow low water use plants. The previous provision allowing for the possibility of a waiver concerning service to water features in publicly-owned right of ways was removed.

### III. Effective Date of Modified Conservation Requirements

The modifications described in Section II became effective on May 19, 2003.

The official language of the modifications to the individual user requirements is set forth in the enclosed documents. The official language of the modifications to the Non-Per Capita Conservation Program may be reviewed at the Department's website, [www.water.az.gov](http://www.water.az.gov).

If you have any questions regarding this notice please call the Tucson AMA office at (520) 770-3800.

Sincerely,

*s/Herbert R Guenther*

Herbert R. Guenther  
Director

# ANNUAL WATER WITHDRAWAL AND USE REPORT PROVIDER SUMMARY 2002

**OWNER OF GROUNDWATER RIGHT**

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653

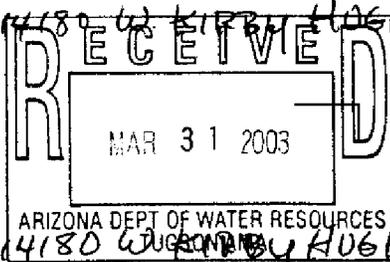
**TYPE OF RIGHT**

SMALL MUNICIPAL PROVIDER

**RIGHT / PERMIT NO.**

56-000335.0000

REPORTING PARTY  
56-000335.0000  
L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



TUCSON AMA (520) 770-3800

If any of the information preprinted on this report is incorrect, please make the necessary changes.

**PART I GROUNDWATER WITHDRAWN**

From Box 12 Schedule A attached  
Complete this section only if you operate a non-exempt well.

3.70 ACRE - FEET    \$ 3.00    \$ 11.10

ACRE - FEET X Withdrawal Fee =

**PART II WATER DELIVERED TO OTHER RIGHTS**

From Box 10 Schedule D attached

0 ACRE - FEET

**PART III WATER RECEIVED FROM OTHER SOURCES**

Total from Schedule E attached

0 ACRE - FEET

**PART IV WATER DELIVERED TO INDIV USERS**

From Schedule F1 or Schedule F2 attached

3.70 ACRE - FEET

**PART V TOTAL WATER USED BY THIS RIGHT**

Calculate as follows : Part I + Part III - Part II

3.70 ACRE - FEET

**PART VI LATE FEES**

Complete if filing after March 31.

Note: A portion of a month after March 31 is counted as a full month.

1) Enter number of months late  (Maximum of 6)

2) Calculate Late Report Fee \_\_\_\_\_ \$  
(\$25.00 X number of months late)

3) Calculate Late Payment Fee \_\_\_\_\_ \$  
(10 % X number of months late X withdrawal fee calculated in Part I above)

**PART VII TOTAL FEES DUE**

Add amounts from Parts I and VI    \$ 11.10

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 2003. If hand delivered, the report must be received by the Department's Records Management Unit or local AMA office no later than 5:00 PM on March 31, 2003.

REPORTS FILED AFTER MARCH 31, 2003 ARE SUBJECT TO LATE FEES (A.R.S. § 45-632) AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS.

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X [Signature]  
AUTHORIZED SIGNATURE

REP  
TITLE

3-31-03  
DATE

Daniel K Post  
PRINTED NAME

520-248-1736  
TELEPHONE NUMBER

NOTE: THIS REPORT MUST BE FILED EVEN IF NO WATER WAS USED PURSUANT TO THIS RIGHT.

# SCHEDULE A

REPORT OF GROUNDWATER  
WITHDRAWALS

ANNUAL REPORT 2002

OWNER

L D S CHURCH

1

RIGHT/PERMIT NO.

56-000335.0000

Note: Pumpage for each well must be shown on the attached worksheet.  
Information for up to four wells may be shown on each worksheet.

2 DWR WELL						3 POWER COMPANY NAME		FOR DEVICE TYPE					
REGISTRATION NO.						ACCOUNT NUMBER	METER NO.	2 thru 6 ONLY					
10 Q	40 Q	160 Q	LOCATION					4 DV TYPE	5 OTH USES	6 ENERGY CONSUMED	7 AVERAGE DISCHARGE	8 DIVIDER TOTAL HRS	9 GROUNDWTR WITHDRAWN IN ACRE-FEET
SEC	TWN	RNG											
55-642033						TRICO ELECTRIC POWER							
SW	NW	NE	3	11.OS	10.OE	55407413	58992516	2	N	10,020	196	2,709	3.70

11	+	
	-	

ENTER TOTAL ACRE-FEET OF GROUNDWATER WITHDRAWN IN PART I  
OF SUMMARY PAGE

12	TOTAL ACRE-FEET WITHDRAWN	3.70
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ARIZONA DEPARTMENT OF WATER RESOURCES  
2002 ANNUAL WATER USE REPORT  
SCHEDULE F-1  
SMALL WATER PROVIDER

RIGHT NUMBER: 56-000335.0000  
PROVIDER NAME: L D S CHURCH  
CONTACT PERSON: LEE Lambert  
PHONE NUMBER: 602-430-3638

Pursuant to Section 5-113 of the Third Management Plan (TMP) for the Tucson Active Management Area, small municipal water providers (those that supply 250 acre-feet/year or less) are required to supply the following information. **Please contact the Tucson AMA at 770-3800 if assistance is needed.**

PART 1 - DELIVERIES TO USE GROUPS

Please indicate the total quantity of water delivered (*both metered and unmetered*) to each of the following user groups for calendar year 2002.

a. Residential - include all uses of water related to service of residences (*housing units*) including both interior and exterior water use. This should include deliveries to individually metered single family residences, multi-family housing complexes that are on master meters and group quarters (see page two for definition).

Metered \_\_\_\_\_ acre-feet  
Unmetered 3.70 acre-feet  
Total 3.70 acre-feet

b. Non-residential - include all water delivered for purposes other than residential, including turf-related facilities (*item d below*). **Do not include effluent or deliveries to irrigation rights or other service area rights.**

Metered \_\_\_\_\_ acre-feet  
Unmetered \_\_\_\_\_ acre-feet  
Total \_\_\_\_\_ acre-feet

c. Total deliveries (*add amounts in a and b above*) 3.70 acre-feet

d. Turf-related facilities - include all *non-effluent* water delivered to facilities with ten or more acres of turf. These deliveries should be included in non-residential use (*item b above*). Please note that a Schedule G-2 must also be submitted for each turf-related facility receiving water from your system in 2002.

0 acre-feet

e. Total effluent deliveries (*not included in GPCD or lost water calculations*) 0 acre-feet

Unmetered deliveries must be calculated using a generally accepted method of estimating water use. Explain below how any unmetered deliveries were calculated:

GPCD - Within Historical Parameters

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2002 Schedule F-1, Page 2  
Right #: 56-000335.0000  
Provider Name: L D S CHURCH

**PART 2 - LOST AND UNACCOUNTED FOR WATER**

Lost and unaccounted for water is calculated by subtracting total deliveries from total water used. Effluent and deliveries to irrigation rights or other service areas are not included in the calculation.

- a) Total quantity of water used (from Part V of the Annual Report Summary Page): 3.70 acre-feet
- b) Total metered and unmetered (estimated) deliveries (Part 1c above): 3.70 acre-feet
- c) Lost and unaccounted for water (subtract Part 2b from 2a above): 0 acre-feet

d) Percent of lost and unaccounted for water:

$$\frac{\text{lost and unaccounted for water (Part 2c)}}{\text{total used (Part 2a)}} \text{ AF) } \times 100 = \underline{0} \text{ Percent}$$

**PART 3 - HOUSING UNITS SERVED**

A housing unit means a group of rooms or a single room occupied as separate living quarters. Housing unit includes a single family home, a patio home, a townhouse, a condominium, an apartment, a permanently setup mobile home or a unit in a multifamily complex. Housing unit does not include a mobile home in an overnight or limited stay mobile home park or a unit in a campground, motel, hotel, or other temporary lodging facility.

a) A Single family housing unit means a detached dwelling, including permanently setup mobile homes not in mobile home parks.

Indicate net change in single family housing units (*not service connections*) in your service area between July 1, 2000 and July 1, 2002:

0 units

b) A Multifamily housing unit means a mobile home in a mobile home park and any permanent housing unit having one or more common walls with another housing unit located in a multifamily residential structure, and includes a unit in a duplex, triplex, fourplex, condominium development, townhome development or apartment complex.

Indicate net change in multifamily housing units (*not service connections*) in your service area between July 1, 2000 and July 1, 2002:

0 units

c) Group quarters means living quarters occupied by one or more people under care or custody, such as orphanages, nursing homes and prisons, or quarters such as college dormitories, fraternity or sorority houses, nurses dormitories, rooming houses, hotels with permanent residents and congregate housing for the elderly.

Indicate net change in group quarters in your service area between July 1, 2001 and July 1, 2002:

0 units

# ANNUAL WATER WITHDRAWAL AND USE REPORT PROVIDER SUMMARY 2002

## OWNER OF GROUNDWATER RIGHT

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653

REPORTING PARTY  
56-000335.0000  
L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653

4180 W. WILSON BLVD HUGHES  
**RECEIVED**  
MAR 31 2003  
ARIZONA DEPT OF WATER RESOURCES  
4180 WILSON BLVD HUGHES

**TYPE OF RIGHT**  
SMALL MUNICIPAL PROVIDER

**RIGHT / PERMIT NO.**  
56-000335.0000



TUCSON AMA (520) 770-3800

If any of the information preprinted on this report is incorrect, please make the necessary changes.

### PART I GROUNDWATER WITHDRAWN

From Box 12 Schedule A attached

Complete this section only if you operate a non-exempt well.

3.70 ACRE - FEET X \$ 3.00 Withdrawal Fee = \$ 11.10

### PART II WATER DELIVERED TO OTHER RIGHTS

From Box 10 Schedule D attached

0 ACRE - FEET

### PART III WATER RECEIVED FROM OTHER SOURCES

Total from Schedule E attached

0 ACRE - FEET

### PART IV WATER DELIVERED TO INDIV USERS

From Schedule F1 or Schedule F2 attached

3.70 ACRE - FEET

### PART V TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

3.70 ACRE - FEET

### PART VI LATE FEES

Complete if filing after March 31.

Note: A portion of a month after March 31 is counted as a full month.

1) Enter number of months late  (Maximum of 6)

2) Calculate Late Report Fee  \$  
(\$25.00 X number of months late)

3) Calculate Late Payment Fee  \$  
(10% X number of months late X withdrawal fee calculated in Part I above)

### PART VII TOTAL FEES DUE

Add amounts from Parts I and VI \$ 11.10

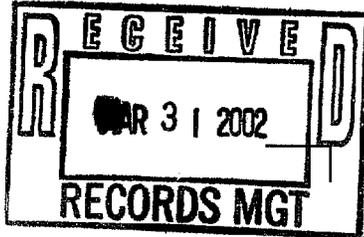
Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 2003. If hand delivered, the report must be received by the Department's Records Management Unit or local AMA office no later than 5:00 PM on March 31, 2003.

RE 0553 D  
PA DAN POST  
CO 16301 N TRICO (520) 682-3668  
MARANA, AZ 85653  
Date 3-31-03 31-7890/3240  
I he  
kno  
X  
Pay to the order of ADWR \$ 11.10  
Eleven  
DESERT FIRST CREDIT UNION  
For 56-000335.0000  
1-03  
ATE  
736  
GHT.

# ANNUAL WATER WITHDRAWAL AND USE REPORT PROVIDER SUMMARY 2001

OWNER OF GROUNDWATER RIGHT

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



TYPE OF RIGHT  
SMALL MUNICIPAL PROVIDER

RIGHT / PERMIT NO.  
56-000335.0000

REPORTING PARTY  
56-000335.0000  
L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653

TUCSON AMA (520) 770-3800

INPUT

If any of the information preprinted on this report is incorrect, please make the necessary changes.

*Home Place*

### PART I GROUNDWATER WITHDRAWN

From Box 12 Schedule A attached  
Complete this section only if you operate a non-exempt well.

4.88 ACRE - FEET    \$ 3.00    \$ 14.64

ACRE - FEET    X Withdrawal Fee =

### PART II WATER DELIVERED TO OTHER RIGHTS

From Box 10 Schedule D attached

0 ACRE - FEET

### PART III WATER RECEIVED FROM OTHER SOURCES

Total from Schedule E attached

0 ACRE - FEET

### PART IV WATER DELIVERED TO INDIV USERS

From Schedule F1 or Schedule F2 attached

4.88 ACRE - FEET

### PART V TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

4.88 ACRE - FEET

### PART VI LATE FEES

Complete if filing after March 31.

Note: A portion of a month after March 31 is counted as a full month.

- 1) Enter number of months late  (Maximum of 6)
- 2) Calculate Late Report Fee \_\_\_\_\_ \$  
(\$25.00 X number of months late)
- 3) Calculate Late Payment Fee \_\_\_\_\_ \$  
(10% X number of months late X withdrawal fee calculated in Part I above)

### PART VII TOTAL FEES DUE

Add amounts from Parts I and VI    \$ 14.64

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 2002. If hand delivered, the report must be received by the Department's Records Management Unit or local AMA office no later than 5:00 PM on March 31, 2002.

REPORTS FILED AFTER MARCH 31, 2002 ARE SUBJECT TO LATE FEES (A.R.S. § 45-632) AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS.

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X *Daniel K. Post*    *Mgr*    *3-29-02*  
 AUTHORIZED SIGNATURE    TITLE    DATE

*Daniel K. Post*    *682-3668*  
 PRINTED NAME    TELEPHONE NUMBER

NOTE: THIS REPORT MUST BE FILED EVEN IF NO WATER WAS USED PURSUANT TO THIS RIGHT.

# ARIZONA DEPARTMENT OF WATER RESOURCES



JANE DEE HULL

Governor

JOSEPH C. SMITH

Director

January 20, 2002

Dear Provider:

Enclosed are your Annual Water Withdrawal and Use Report forms for calendar year 2001. The summary page is printed on the reverse side of this letter. This report is for service area right holders who have withdrawn groundwater from their own wells, who may have received water from others or may have delivered water to other right holders. The Department has preprinted certain information from our records onto these forms. Pay particular attention to the schedules and worksheets. If any of the preprinted information is incorrect, please make the necessary changes. Note that a separate annual report form must be filed for each right you own. Separate checks should be enclosed to cover the fees associated with each right and the right number should be written on the check.

The Groundwater Code requires that each person who owns a right to withdraw groundwater in an Active Management Area must file an annual report, even if no groundwater was used. Persons who did not withdraw or use water during 2001 are required to return the form with zeros in the appropriate blanks and sign and date the summary page.

Reports must be received by the Department or postmarked no later than March 31, 2002. The penalty for filing late is \$25.00 per month or part of a month that the report is late up to \$150.00. In addition, if you withdrew groundwater, and did not pay the withdrawal fee on time, the penalty is 10% of the unpaid fee per month or part of a month that the fees are delinquent, up to a maximum of 60% of the unpaid balance.

If your water right has been sold, then both the buyer and seller must notify the Department of the conveyance. The owner of the right as of December 31, 2001 is responsible for filing an annual report covering the entire calendar year. Please contact your AMA office for conveyance forms and instructions.

We have tried to provide you with the proper forms according to information in our files. Failure to receive the proper forms does not relieve a person of the responsibility of keeping the required records or filing the required reports. You should keep a copy of this report for your records.

If you need help or have questions, contact your AMA office listed at the top of the Summary Page of the report.

Sincerely,

A handwritten signature in cursive script that reads "Jim Holway".

Jim Holway  
Assistant Director  
Groundwater Management Division



# SCHEDULE A

## INSTRUCTIONS - REPORT OF GROUNDWATER WITHDRAWALS

Note: If any information pre-printed on this form is incorrect, please make the needed corrections.  
For that information not already pre-printed on this form, please follow the directions below.

1. Enter owner name and groundwater right or permit number, if not already shown, in  1 .
2. Enter DWR well registration number and location of each well, if not already shown, in  2 .
3. Enter power company name, account number and meter number, if not already shown, in  3 .
4. Enter device type used to measure withdrawals, if not already shown, in  4 (see list below) .
5. If energy meter serves uses other than the well, indicate "Y" in  5 ; if energy meter does not serve other uses (meter is dedicated to the well) indicate "N" in  5 .
6. Enter energy consumed by well and units of measure from appropriate worksheet in  6 .
7. If device types 2 through 6 are used, indicate the average discharge and divider or total hours from the appropriate worksheet in  7 and  8 .
8. Enter total acre-feet of groundwater withdrawn for each well, as calculated on attached worksheets, in  9 .
9. Enter total acre-feet of exchange groundwater pumped for each well, as calculated on attached worksheets, in  10 .
10. If applicable, adjust the total acre-feet of Exchange Groundwater for each well in  11 . This applies to noticed groundwater for groundwater exchanges for which the exchange agreement requires payback within the same year that groundwater is given.
11. Enter grand total acre-feet withdrawn in  12 and in Part I of the Summary Page.

---

### COLUMN 4 DEVICE TYPE LEGEND

1. Pumpage measured by meter or other totalizer/recorder devices (use worksheet W-1)
2. Pipeflow with pumpage calculated using electrical energy records (use worksheet W-2)
3. Pipeflow with pumpage calculated using natural gas energy records (use worksheet W-3)
4. Open channel flow with pumpage calculated using electrical energy records (use worksheet W-4)
5. Open channel flow with pumpage calculated using natural gas energy records (use worksheet W-5)
6. Pumpage calculated using hour meters (use worksheet W-6)

### MEASURING DEVICE MALFUNCTION

Pursuant to A.A.C. R12-15-906, a measuring device that fails to perform for more than seventy-two (72) hours must be reported to the Department of Water Resources within seven (7) calendar days after the discovery of the malfunction. Corrective action must be taken within 30 days, and estimates of withdrawals made during the period the device was out of service must be provided. Results of the two per year required flow-rate measurements must also be attached. A Measuring Device Malfunction Report is available on request.

Please contact your local Active Management Area if you need assistance completing this form.

PHOENIX AMA (602) 417-2465 PINAL AMA (520) 836-4857 SANTA CRUZ AMA (520) 761-1814  
PRESCOTT AMA (928) 778-7202 TUCSON AMA (520) 770-3800

# WORKSHEET W-2 2001

GROUNDWATER RIGHT/PERMIT NO. **56-000335.0000**

1	DWR WELL REGISTRATION NO. 55-642033		10 Q	40 Q	160 Q	LOCATION Sec TwN Rng		
	SW	NW	NE	3	11.0S	10.0E		
2	TYPE OF MEASURING DEVICE PIPE FLOW / ELECTRIC		MAKE/MODEL <i>Cole Palmer Ultrasonic</i>					
	SIZE 3"		INSTALLATION OR OVERHAUL DATE					
3	POWER CO. NAME TRICO ELECTRIC POWER		ACCOUNT NO. 55407413		ELECTRIC METER NO. 58992516			
4	Kr 10		Kh 14.4					
5	FACTOR A = 144 = Kr x Kh		6		INSIDE DIAMETER 3.04 (inches)			

7	Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
	4-28-01	9ft/sec	207	52.04
	7-7-01	9ft/sec	207	52.00
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED			TOTALS	214 104.04
8	AVERAGE DISCHARGE		207 FACTOR B	9 AVERAGE SECONDS 52.2 FACTOR C
10	DIVIDER = 19550 X $\frac{A \times 10}{B \times C}$ =			2605.36
11	ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS			12,722
12	GROUNDWATER WITHDRAWN = $\frac{\text{Box 11}}{\text{Box 10}}$ =			4.88 ACRE FEET

1	DWR WELL REGISTRATION NO.		10 Q	40 Q	160 Q	LOCATION Sec TwN Rng		
2	TYPE OF MEASURING DEVICE		MAKE/MODEL					
	SIZE		INSTALLATION OR OVERHAUL DATE					
3	POWER CO. NAME		ACCOUNT NO.		ELECTRIC METER NO.			
4	Kr		Kh					
5	FACTOR A = = Kr x Kh		6		INSIDE DIAMETER (inches)			

7	Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED			TOTALS	
8	AVERAGE DISCHARGE		FACTOR B	9 AVERAGE SECONDS FACTOR C
10	DIVIDER = 19550 X $\frac{A \times 10}{B \times C}$ =			
11	ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS			
12	GROUNDWATER WITHDRAWN = $\frac{\text{Box 11}}{\text{Box 10}}$ =			ACRE FEET

1	DWR WELL REGISTRATION NO.		10 Q	40 Q	160 Q	LOCATION Sec TwN Rng		
2	TYPE OF MEASURING DEVICE		MAKE/MODEL					
	SIZE		INSTALLATION OR OVERHAUL DATE					
3	POWER CO. NAME		ACCOUNT NO.		ELECTRIC METER NO.			
4	Kr		Kh					
5	FACTOR A = = Kr x Kh		6		INSIDE DIAMETER (inches)			

7	Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED			TOTALS	
8	AVERAGE DISCHARGE		FACTOR B	9 AVERAGE SECONDS FACTOR C
10	DIVIDER = 19550 X $\frac{A \times 10}{B \times C}$ =			
11	ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS			
12	GROUNDWATER WITHDRAWN = $\frac{\text{Box 11}}{\text{Box 10}}$ =			ACRE FEET

1	DWR WELL REGISTRATION NO.		10 Q	40 Q	160 Q	LOCATION Sec TwN Rng		
2	TYPE OF MEASURING DEVICE		MAKE/MODEL					
	SIZE		INSTALLATION OR OVERHAUL DATE					
3	POWER CO. NAME		ACCOUNT NO.		ELECTRIC METER NO.			
4	Kr		Kh					
5	FACTOR A = = Kr x Kh		6		INSIDE DIAMETER (inches)			

7	Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED			TOTALS	
8	AVERAGE DISCHARGE		FACTOR B	9 AVERAGE SECONDS FACTOR C
10	DIVIDER = 19550 X $\frac{A \times 10}{B \times C}$ =			
11	ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS			
12	GROUNDWATER WITHDRAWN = $\frac{\text{Box 11}}{\text{Box 10}}$ =			ACRE FEET

NOTE: 1) This method cannot be used when energy meter serves other uses.  
 2) If you are using one of the new digital power meters, call your local AMA office for further instructions.

## PIPE FLOW WITH PUMPAGE CALCULATED USING ELECTRICAL ENERGY RECORDS

### INSTRUCTIONS

Note: If any information pre-printed on this form is incorrect, please make the needed corrections.  
 For that information not already preprinted on this form, please follow the directions below.

1. Enter DWR well registration number and location in .
2. If the meter has been changed during the reporting year, enter type, make, model and size of measuring device used to measure discharge in . If the device is permanent, enter date installed or last overhauled.
3. Enter power company name, account number and meter number in .
4. Enter Kr and Kh from electric meter in . The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained" and the Kr is not used in computing Factor A (Kh=Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure. Kh is the disk constant and is located on the faceplate of the electric meter.
5. Compute Factor A by multiplying Kr by Kh in .
6. Enter the inside diameter of the well discharge pipe (inches) in .
7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement taken. A minimum of two measurements are required. These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge. Enter in .
8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B. Enter in .
9. Repeat the same procedure for the number of seconds column to obtain the average seconds which is designated as Factor C. Enter in .
10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider. Enter in .
11. Enter the total energy consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiplier" factor on your bill. Enter in .
12. Divide the total energy consumption entered in  by the value computed in  to obtain the total groundwater withdrawn by the well. Enter in .

**ENTER THE FOLLOWING ON SCHEDULE A OR PART 1 OF SCHEDULE A-GSF**

**WORKSHEET W-2    SCHEDULE A**

- |     |    |     |  |
|-----|----|-----|--|
| Box | 1  | --- | DWR well registration number & location in column <input type="text" value="2"/> if not already shown. |
| Box | 3  | --- | Power company name, Account number and Meter number in column <input type="text" value="3"/> .         |
| Box | 8  | --- | Average discharge in column <input type="text" value="7"/> .   |
| Box | 10 | --- | Divider in column <input type="text" value="8"/> .   |
| Box | 11 | --- | Energy consumption in column <input type="text" value="6"/> .  |
| Box | 12 | --- | Groundwater withdrawn in column <input type="text" value="9"/> .                                       |

NOTE: THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A OR A-GSF.

ARIZONA DEPARTMENT OF WATER RESOURCES  
2001 ANNUAL WATER USE REPORT  
SCHEDULE F-1  
SMALL WATER PROVIDER

RIGHT NUMBER: 56-000335.0000  
PROVIDER NAME: L D S CHURCH  
CONTACT PERSON: \_\_\_\_\_  
PHONE NUMBER: \_\_\_\_\_

Pursuant to Section 5-113 of the Second Management Plan (SMP) for the Tucson Active Management Area, small municipal water providers (those that supply 250 acre-feet/year or less) are required to supply the following information. **Please contact the Tucson AMA at 770-3800 if assistance is needed.**

PART 1 - DELIVERIES TO USE GROUPS

Please indicate the total quantity of water delivered (*both metered and unmetered*) to each of the following user groups for calendar year 2001.

a. Residential - include all uses of water related to service of residences (*housing units*) including both interior and exterior water use. This should include deliveries to multi-family housing complexes that are on master meters and deliveries to individually metered single family residences.

Metered \_\_\_\_\_ acre-feet  
Unmetered 4.88 acre-feet  
Total 4.88 acre-feet

b. Non-residential - include all water delivered for purposes other than residential, including turf-related facilities (*item d below*). **Do not include effluent or deliveries to irrigation rights or other service area rights.**

Metered \_\_\_\_\_ acre-feet  
Unmetered \_\_\_\_\_ acre-feet  
Total \_\_\_\_\_ acre-feet

c. Total deliveries (*add amounts in a and b above*) 4.88 acre-feet

d. Turf-related facilities - include all *non-effluent* water delivered to facilities with ten or more acres of turf. These deliveries should be included in non-residential use (*item b above*). Please note that a Schedule G-2 must also be submitted for each turf-related facility receiving water from your system in 2001.

0 acre-feet

e. Total effluent deliveries (*not included in GPCD or lost water calculations*) 0 acre-feet

Unmetered deliveries must be calculated using a generally accepted method of estimating water use. Explain below how any unmetered deliveries were calculated:

GPCD  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2001 Schedule F-1, Page 2  
Right #: 56-000335.0000  
Provider Name: L D S CHURCH

PART 2 - LOST AND UNACCOUNTED FOR WATER

Lost and unaccounted for water is calculated by subtracting total deliveries from total water used. Effluent and deliveries to irrigation rights or other service areas are not included in the calculation.

- a) Total quantity of water used (from Part V of the Annual Report Summary Page): 4.88 acre-feet
- b) Total metered and unmetered (estimated) deliveries (Part 1c above): 4.88 acre-feet
- c) Lost and unaccounted for water (subtract Part 2b from 2a above): 0 acre-feet
- d) Percent of lost and unaccounted for water:

$$\frac{\text{lost and unaccounted for water (Part 2c)}}{\text{total used (Part 2a)}} \text{ AF ) } \frac{\text{total used (Part 2a)}}{\text{total used (Part 2a)}} \text{ AF x 100 = } \underline{0} \text{ Percent}$$

PART 3 - HOUSING UNITS SERVED

A housing unit means a group of rooms or a single room occupied as separate living quarters. Housing unit includes a single family home, a patio home, a townhouse, a condominium, an apartment, a permanently setup mobile home or a unit in a multifamily complex. Housing unit does not include a mobile home in an overnight or limited stay mobile home park or a unit in a campground, motel, hotel, or other temporary lodging facility.

- a) A Single family housing unit means a detached dwelling, including permanently setup mobile homes not in mobile home parks.

Indicate net change in single family housing units (not service connections) in your service area between July 1, 2000 and July 1, 2001:

1 units

- b) A Multifamily housing unit means a mobile home in a mobile home park and any permanent housing unit having one or more common walls with another housing unit located in a multifamily residential structure, and includes a unit in a duplex, triplex, fourplex, condominium development, townhome development or apartment complex.

Indicate net change in multifamily housing units (not service connections) in your service area between July 1, 2000 and July 1, 2001:

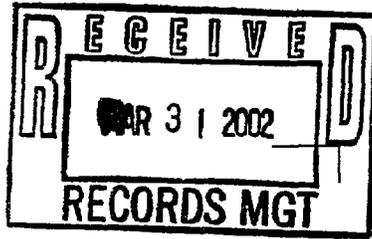
0 units

# ANNUAL WATER WITHDRAWAL AND USE REPORT PROVIDER SUMMARY 2001

F 1  
W2 1

OWNER OF GROUNDWATER RIGHT

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



TYPE OF RIGHT  
SMALL MUNICIPAL PROVIDER

RIGHT / PERMIT NO.  
56-000335.0000

REPORTING PARTY  
56-000335.0000  
L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653

TUCSON AMA (520) 770-3800

INPUT

If any of the information preprinted on this report is incorrect, please make the necessary changes.

HOME TRACE

**PART I GROUNDWATER WITHDRAWN:**

From Box 12 Schedule A attached  
Complete this section only if you operate a non-exempt well.

4.88 \$ 3.00 \$ 14.64

ACRE - FEET X Withdrawal Fee =

**PART II WATER DELIVERED TO OTHER RIGHTS:**

From Box 10 Schedule D attached

0 ACRE - FEET

**PART III WATER RECEIVED FROM OTHER SOURCES:**

Total from Schedule E attached

0 ACRE - FEET

**PART IV WATER DELIVERED TO INDIV. USERS:**

From Schedule F1 or Schedule F2 attached

4.88 ACRE - FEET

**PART V TOTAL WATER USED BY THIS RIGHT:**

Calculate as follows: Part I + Part III - Part II

4.88 ACRE - FEET

**PART VI LATE FEES:**

Complete if filing after March 31.

Note: A portion of a month after March 31 is counted as a full month.

1) Enter number of months late (Maximum of 6)

2) Calculate Late Report Fee (\$25.00 X number of months late)

3) Calculate Late Payment Fee (10% X number of months late X withdrawal fee calculated in Part I above)

**PART VII TOTAL FEES DUE:**

Add amounts from Parts I and VI \$ 14.64

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 2002. If hand delivered, the report must be received by the Department's Records Management Unit or local AMA office no later than 5:00 PM on March 31, 2002.

DANIEL K. POST  
PATRICIA POST  
520-682-3668  
16301 N. TRICO RD  
MARANA, AZ. 85653

Date 3-29-02

Pay to the Order of ADWR \$ 14.64  
Fourteen Dollars

STOCKMEN'S BANK  
Marana Branch 11853 West Marana Road  
Marana, AZ 85653

For

5-632 ) AND  
RIOR GROUNDWATER

he best of my

3-29-02  
DATE

3668  
NUMBER

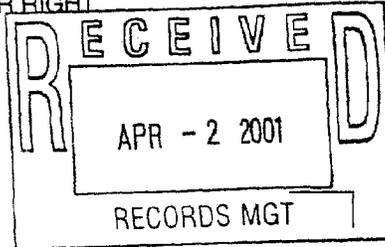
THIS RIGHT.

**ANNUAL WATER WITHDRAWAL AND USE REPORT  
PROVIDER SUMMARY 2000**

OWNER OF GROUNDWATER RIGHT

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653

REPORTING PARTY  
56-000335.0000  
L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



INPUT

TYPE OF RIGHT  
SMALL MUNICIPAL PROVIDER

RIGHT / PERMIT NO.  
56-000335.0000



TUCSON AMA (520) 770-3800

If any of the information preprinted on this report is incorrect, please make the necessary changes.

**PART I GROUNDWATER WITHDRAWN**

From Box 12 Schedule A attached

Complete this section only if you operate a non-exempt well.

1.95 \$ 3.00 \$ 5.85

ACRE - FEET X Withdrawal Fee =

**PART II WATER DELIVERED TO OTHER RIGHTS**

From Box 10 Schedule D attached

0 ACRE - FEET

**PART III WATER RECEIVED FROM OTHER SOURCES**

Total from Schedule E attached

0 ACRE - FEET

**PART IV WATER DELIVERED TO INDIV USERS**

From Schedule F1 or Schedule F2 attached

1.95 ACRE - FEET

**PART V TOTAL WATER USED BY THIS RIGHT**

Calculate as follows : Part I + Part III - Part II

1.95 ACRE - FEET

**PART VI LATE FEES**

Complete if filing after March 31.

Note: A portion of a month after March 31 is counted as a full month.

1) Enter number of months late (Maximum of 6)

2) Calculate Late Report Fee (\$25.00 X number of months late)

3) Calculate Late Payment Fee (10 % X number of months late X withdrawal fee calculated in Part I above)

**PART VII TOTAL FEES DUE**

Add amounts from Parts I and VI \$ 5.85

Type of payment enclosed:  Cash  Check  Credit Card

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 2001. If hand delivered, the report must be received by the Department's Records Management Unit or local AMA office no later than 5:00 PM on March 31, 2001.

REPORTS FILED AFTER MARCH 31, 2001 ARE SUBJECT TO LATE FEES (A.R.S. § 45-632 ) AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS.

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X Kevin Clark AUTHORIZED SIGNATURE Controller TITLE 3-29-01 DATE

Lorin Clark PRINTED NAME 623-935-3845 TELEPHONE NUMBER

IF ANY OF THE FEES FILED ABOVE OR WATER WAS USED PURSUANT TO THIS RIGHT

15512 4699



Cactus Lane Ranch  
16156 W. Olive  
Waddell, Az 85355

04-84

DATE	CHECK NO.
03/30/01	9004621

VOID AFTER NINETY DAYS

AMOUNT
*****3747.57

DOLLARS

PAY THREE THOUSAND SEVEN HUNDRED FORTY-SEVEN AND 57/100

31-51240  
2

AUTHORIZED SIGNATURE

AUTHORIZED SIGNATURE

TO THE  
ORDER  
OF

AZ DEPT OF WATER RESOURCE  
500 NORTH 3RD STREET  
PHOENIX AZ 85004

(Two Signatures Required if Over \$5,000)

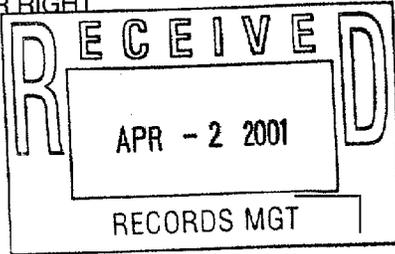
ZIONS FIRST NATIONAL BANK  
Headquarters Office, One Main Street  
Salt Lake City, Utah 84111

# ANNUAL WATER WITHDRAWAL AND USE REPORT PROVIDER SUMMARY 2000

INPUT

OWNER OF GROUNDWATER RIGHT

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



TYPE OF RIGHT  
SMALL MUNICIPAL PROVIDER

RIGHT / PERMIT NO.  
56-000335.0000

REPORTING PARTY  
56-000335.0000  
L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



TUCSON AMA (520) 770-3800

If any of the information preprinted on this report is incorrect, please make the necessary changes.

### PART I GROUNDWATER WITHDRAWN

From Box 12 Schedule A attached

Complete this section only if you operate a non-exempt well.

1.95 ACRE - FEET    \$ 3.00    \$ 5.85 Withdrawal Fee =

### PART II WATER DELIVERED TO OTHER RIGHTS

From Box 10 Schedule D attached

0 ACRE - FEET

### PART III WATER RECEIVED FROM OTHER SOURCES

Total from Schedule E attached

0 ACRE - FEET

### PART IV WATER DELIVERED TO INDIV USERS

From Schedule F1 or Schedule F2 attached

1.95 ACRE - FEET

### PART V TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

1.95 ACRE - FEET

### PART VI LATE FEES

Complete if filing after March 31.

Note: A portion of a month after March 31 is counted as a full month.

1) Enter number of months late  (Maximum of 6)

2) Calculate Late Report Fee \_\_\_\_\_ \$  
(25.00 X number of months late)

3) Calculate Late Payment Fee \_\_\_\_\_ \$  
(10% X number of months late X withdrawal fee calculated in Part I above)

### PART VII TOTAL FEES DUE

Add amounts from Parts I and VI \$ 5.85

Type of payment enclosed:  Cash  Check  Credit Card

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REPORTS FILED AFTER MARCH 31, 2001 ARE SUBJECT TO LATE FEES (A.R.S. § 45-632) AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS.

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X Lorin Clark AUTHORIZED SIGNATURE    Controller TITLE    3-29-01 DATE

Lorin Clark  
PRINTED NAME

623-935-3845  
TELEPHONE NUMBER

NOTE: THIS REPORT MUST BE FILED EVEN IF NO WATER WAS USED PURSUANT TO THIS RIGHT.

# ARIZONA DEPARTMENT OF WATER RESOURCES



JANE DEE HULL  
Governor

RITA PEARSON MAGUIRE  
Director

January 20, 2001

Dear Provider:

Enclosed are your Annual Water Withdrawal and Use Report forms for calendar year 2000. The summary page is printed on the reverse side of this letter. This report is for service area right holders who have withdrawn groundwater from their own wells, who may have received water from others or may have delivered water to other right holders. The Department has preprinted certain information from our records onto these forms. Pay particular attention to the schedules and worksheets. If any of the preprinted information is incorrect, please make the necessary changes. Note that a separate annual report form must be filed for each right you own. Separate checks should be enclosed to cover the fees associated with each right and the right number should be written on the check.

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Reports must be received by the Department or postmarked no later than March 31, 2001. The penalty for filing late is \$25.00 per month or part of a month that the report is late up to \$150.00. In addition, if you withdrew groundwater, and did not pay the withdrawal fee on time, the penalty is 10% of the unpaid fee per month or part of a month that the fees are delinquent, up to a maximum of 60% of the unpaid balance.

If your water right has been sold, then both the buyer and seller must notify the Department of the conveyance. The owner of the right as of December 31, 2000 is responsible for filing an annual report covering the entire calendar year. Please contact your AMA office for conveyance forms and instructions.

We have tried to provide you with the proper forms according to information in our files. Failure to receive the proper forms does not relieve a person of the responsibility of keeping the required records or filing the required reports. You should keep a copy of this report for your records.

If you need help or have questions, contact your AMA office listed at the top of the Summary Page of the report.

Sincerely,

A handwritten signature in cursive script that reads "Jim Holway".

Jim Holway  
Assistant Director  
Groundwater Management Division



# SCHEDULE A

## INSTRUCTIONS - REPORT OF GROUNDWATER WITHDRAWALS

Note: If any information pre-printed on this form is incorrect, please make the needed corrections. For that information not already preprinted on this form, please follow the directions below.

1. Enter owner name and groundwater right or permit number, if not already shown, in  1 .
2. Enter DWR well registration number and location of each well, if not already shown, in  2 .
3. Enter power company name, account number and meter number, if not already shown, in  3 .
4. Enter device type used to measure withdrawals, if not already shown, in  4 (see list below) .
5. If energy meter serves uses other than the well, indicate "Y" in  5 ; if energy meter does not serve other uses (meter is dedicated to the well) indicate "N" in  5 .
6. Enter energy consumed by well and units of measure from appropriate worksheet in  6 .
7. If device types 2 through 6 are used, indicate the average discharge and divider or total hours from the appropriate worksheet in  7 and  8 .
8. Enter total acre-feet of groundwater withdrawn for each well, as calculated on attached worksheets, in  9 .
9. Enter total acre-feet of exchange groundwater pumped for each well, as calculated on attached worksheets, in  10 .
10. If applicable, adjust the total acre-feet of Exchange Groundwater for each well in  11 . This applies to noticed groundwater for groundwater exchanges for which the exchange agreement requires payback within the same year that groundwater is given.
11. Enter grand total acre-feet withdrawn in  12 and in Part I of the Summary Page.

### COLUMN 4 DEVICE TYPE LEGEND

1. Pumpage measured by meter or other totalizer/recorder devices (use worksheet W-1)
2. Pipeflow with pumpage calculated using electrical energy records (use worksheet W-2)
3. Pipeflow with pumpage calculated using natural gas energy records (use worksheet W-3)
4. Open channel flow with pumpage calculated using electrical energy records (use worksheet W-4)
5. Open channel flow with pumpage calculated using natural gas energy records (use worksheet W-5)
6. Pumpage calculated using hour meters (use worksheet W-6)

### MEASURING DEVICE MALFUNCTION

Pursuant to A.A.C. R12-15-906, a measuring device that fails to perform for more than seventy-two (72) hours must be reported to the Department of Water Resources within seven (7) calendar days after the discovery of the malfunction. Corrective action must be taken within 30 days, and estimates of withdrawals made during the period the device was out of service must be provided. Results of the two per year required flow-rate measurements must also be attached. A Measuring Device Malfunction Report is available on request.

Please contact your local Active Management Area if you need assistance completing this form.

Phoenix AMA: (602) 417-2465 Pinal AMA: (520) 836-4857 Santa Cruz AMA: (520) 761-1814  
Prescott AMA: (520) 778-7202 Tucson AMA: (520) 770-3800

ARIZONA DEPARTMENT OF WATER RESOURCES  
2000 ANNUAL WATER USE REPORT  
SCHEDULE F-1  
SMALL WATER PROVIDER

RIGHT NUMBER: 56-000335.0000  
PROVIDER NAME: L D S CHURCH  
CONTACT PERSON: Az Water Measurement  
PHONE NUMBER: 520-861-1190

Pursuant to Section 5-113 of the Second Management Plan (SMP) for the Tucson Active Management Area, small municipal water providers (those that supply 250 acre-feet/year or less) are required to supply the following information. **Please contact the Tucson AMA at 770-3800 if assistance is needed.**

PART 1 - DELIVERIES TO USE GROUPS

Please indicate the total quantity of water delivered (*both metered and unmetered*) to each of the following user groups for calendar year 2000.

a. Residential - include all uses of water related to service of residences (*housing units*) including both interior and exterior water use. This should include deliveries to multi-family housing complexes that are on master meters and deliveries to individually metered single family residences.

Metered \_\_\_\_\_ acre-feet  
Unmetered 1.95 acre-feet  
Total 1.95 acre-feet

b. Non-residential - include all water delivered for purposes other than residential, including turf-related facilities (*item d below*). **Do not include effluent or deliveries to irrigation rights or other service area rights.**

Metered \_\_\_\_\_ acre-feet  
Unmetered \_\_\_\_\_ acre-feet  
Total \_\_\_\_\_ acre-feet

c. Total deliveries (*add amounts in a and b above*) 1.95 acre-feet

d. Turf-related facilities - include all *non-effluent* water delivered to facilities with ten or more acres of turf. These deliveries should be included in non-residential use (*item b above*). Please note that a Schedule G-2 must also be submitted for each turf-related facility receiving water from your system in 2000.

0 acre-feet

e. Total effluent deliveries (*not included in GPCD or lost water calculations*) 0 acre-feet

Unmetered deliveries must be calculated using a generally accepted method of estimating water use. Explain below how any unmetered deliveries were calculated:

BASED ON GPCD

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2000 Schedule F-1, Page 2  
Right #: 56-000335.0000  
Provider Name: L D S CHURCH

PART 2 - LOST AND UNACCOUNTED FOR WATER

Lost and unaccounted for water is calculated by subtracting total deliveries from total water used. Effluent and deliveries to irrigation rights or other service areas are not included in the calculation.

- a) Total quantity of water used (from Part V of the Annual Report Summary Page): 1.95 acre-feet
- b) Total metered and unmetered (estimated) deliveries (Part 1c above): 1.95 acre-feet
- c) Lost and unaccounted for water (subtract Part 2b from 2a above): 0 acre-feet
- d) Percent of lost and unaccounted for water:

$$\frac{\text{lost and unaccounted for water (Part 2c)}}{\text{total used (Part 2a)}} \text{ AF} \div \frac{\text{total used (Part 2a)}}{\text{total used (Part 2a)}} \text{ AF} \times 100 = \underline{0} \text{ Percent}$$

PART 3 - HOUSING UNITS SERVED

A housing unit means a group of rooms or a single room occupied as separate living quarters. Housing unit includes a single family home, a patio home, a townhouse, a condominium, an apartment, a permanently setup mobile home or a unit in a multifamily complex. Housing unit does not include a mobile home in an overnight or limited stay mobile home park or a unit in a campground, motel, hotel, or other temporary lodging facility.

- a) " Single family housing unit means a detached dwelling, including permanently setup mobile homes not in mobile home parks.

Indicate net change in single family housing units (*not service connections*) in your service area between July 1, 1999 and July 1, 2000:

0 units

- b) " Multifamily housing unit means a mobile home in a mobile home park and any permanent housing unit having one or more common walls with another housing unit located in a multifamily residential structure, and includes a unit in a duplex, triplex, fourplex, condominium development, townhome development or apartment complex.

Indicate net change in multifamily housing units (*not service connections*) in your service area between July 1, 1999 and July 1, 2000:

0 units

# WORKSHEET W-2 2000

GROUNDWATER RIGHT/PERMIT NO. 56-000335.0000

1	DWR WELL REGISTRATION NO. 55-642033		10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
	SW	NW	NE	3	11.0S	10.0E		
2	TYPE OF MEASURING DEVICE PIPE FLOW / ELECTRIC		MAKE/MODEL DS/ANK 75 C-9810					
	SIZE 3"		INSTALLATION OR OVERHAUL DATE					
3	POWER CO. NAME TRICO ELECTRIC POWER		ACCOUNT NO. 55407413		ELECTRIC METER NO. 58992516			
4	Kr	10	Kh	14.4				
5	FACTOR A = 144 = Kr x Kh		6		INSIDE DIAMETER 3.54 (inches)			

7	Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs				
	4-19-00	20"	240	50.90				
	7-11-00	20"	235	51.50				
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED			TOTALS	475 102.30				
8	AVERAGE DISCHARGE		237.5	9	AVERAGE SECONDS		51.15	
			FACTOR B	FACTOR C				
10	DIVIDER = 19550 X $\frac{A \times 10}{B \times C}$ =			2317.39				
11	ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS			4,520				
12	GROUNDWATER WITHDRAWN =			Box 11	=			1.95
			Box 10	ACRE FEET				

1	DWR WELL REGISTRATION NO.		10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
2	TYPE OF MEASURING DEVICE		MAKE/MODEL					
	SIZE		INSTALLATION OR OVERHAUL DATE					
3	POWER CO. NAME		ACCOUNT NO.		ELECTRIC METER NO.			
4	Kr		Kh					
5	FACTOR A = = Kr x Kh		6		INSIDE DIAMETER (inches)			

7	Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs				
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED			TOTALS					
8	AVERAGE DISCHARGE			9	AVERAGE SECONDS			
			FACTOR B	FACTOR C				
10	DIVIDER = 19550 X $\frac{A \times 10}{B \times C}$ =							
11	ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS							
12	GROUNDWATER WITHDRAWN =			Box 11	=			
			Box 10	ACRE FEET				

1	DWR WELL REGISTRATION NO.		10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
2	TYPE OF MEASURING DEVICE		MAKE/MODEL					
	SIZE		INSTALLATION OR OVERHAUL DATE					
3	POWER CO. NAME		ACCOUNT NO.		ELECTRIC METER NO.			
4	Kr		Kh					
5	FACTOR A = = Kr x Kh		6		INSIDE DIAMETER (inches)			

7	Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs				
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED			TOTALS					
8	AVERAGE DISCHARGE			9	AVERAGE SECONDS			
			FACTOR B	FACTOR C				
10	DIVIDER = 19550 X $\frac{A \times 10}{B \times C}$ =							
11	ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS							
12	GROUNDWATER WITHDRAWN =			Box 11	=			
			Box 10	ACRE FEET				

1	DWR WELL REGISTRATION NO.		10 Q	40 Q	160 Q	LOCATION Sec Twn Rng		
2	TYPE OF MEASURING DEVICE		MAKE/MODEL					
	SIZE		INSTALLATION OR OVERHAUL DATE					
3	POWER CO. NAME		ACCOUNT NO.		ELECTRIC METER NO.			
4	Kr		Kh					
5	FACTOR A = = Kr x Kh		6		INSIDE DIAMETER (inches)			

7	Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs				
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED			TOTALS					
8	AVERAGE DISCHARGE			9	AVERAGE SECONDS			
			FACTOR B	FACTOR C				
10	DIVIDER = 19550 X $\frac{A \times 10}{B \times C}$ =							
11	ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS							
12	GROUNDWATER WITHDRAWN =			Box 11	=			
			Box 10	ACRE FEET				

NOTE: 1) This method cannot be used when energy meter serves other uses.  
 2) If you are using one of the new digital power meters, call your local AMA office for further instructions.

## PIPE FLOW WITH PUMPAGE CALCULATED USING ELECTRICAL ENERGY RECORDS

### INSTRUCTIONS

Note: If any information pre-printed on this form is incorrect, please make the needed corrections.  
 For that information not already preprinted on this form, please follow the directions below.

1. Enter DWR well registration number and location in .
2. If the meter has been changed during the reporting year, enter type, make, model and size of measuring device used to measure discharge in . If the device is permanent, enter date installed or last overhauled.
3. Enter power company name, account number and meter number in .
4. Enter Kr and Kh from electric meter in . The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained" and the Kr is not used in computing Factor A (Kh=Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure. Kh is the disk constant and is located on the faceplate of the electric meter.
5. Compute Factor A by multiplying Kr by Kh in .
6. Enter the inside diameter of the well discharge pipe (inches) in .
7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement taken. A minimum of two measurements are required. These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge. Enter in .
8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B. Enter in .
9. Repeat the same procedure for the number of seconds column to obtain the average seconds which is designated as Factor C. Enter in .
10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider. Enter in .
11. Enter the total energy consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiplier" factor on your bill. Enter in .
12. Divide the total energy consumption entered in  by the value computed in  to obtain the total groundwater withdrawn by the well. Enter in .

**ENTER THE FOLLOWING ON SCHEDULE A OR PART 1 OF SCHEDULE A-GSF**

**WORKSHEET W-2    SCHEDULE A**

- |     |                                 |     |  |
|-----|---------------------------------|-----|--|
| Box | <input type="text" value="1"/>  | --- | DWR well registration number & location in column <input type="text" value="2"/> if not already shown. |
| Box | <input type="text" value="3"/>  | --- | Power company name, Account number and Meter number in column <input type="text" value="3"/> .         |
| Box | <input type="text" value="8"/>  | --- | Average discharge in column <input type="text" value="7"/> .   |
| Box | <input type="text" value="10"/> | --- | Divider in column <input type="text" value="8"/> .   |
| Box | <input type="text" value="11"/> | --- | Energy consumption in column <input type="text" value="6"/> .  |
| Box | <input type="text" value="12"/> | --- | Groundwater withdrawn in column <input type="text" value="9"/> .                                       |

NOTE: THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A OR A-GSF.

ARIZONA DEPARTMENT OF WATER RESOURCES

2000 SERVICE AREA MAP UPDATE

Provider Number: 56-000335.0000  
Provider Name: L D S CHURCH

**According to A.R.S. 45-498 of the Arizona Groundwater Management Act, each city, town, private water company and irrigation district within an Active Management Area is required to maintain an accurate and current map delineating its service area and water distribution system.**

If your service area boundaries or operating distribution system have not changed since January 1, 2000, indicate this below. If your service area boundaries or operating distribution system have changed since January 1, 2000, indicate this below and submit two copies of your revised service area map with your 2000 Annual Water withdrawal and Use Report no later than March 31, 2001. A duplicate copy of the service area map submitted to the Department shall be kept on file at your office.

Maps must be drawn to a scale of 1:31680 (2 inches to the mile) or larger and must contain all of the elements listed below:

1. The principal features of the operating distribution system including wells, water treatment plants, pumping stations, reservoirs and storage tanks, canals and water mains of a diameter greater than or equal to four (4) inches.
2. The diameter and linear miles of the mains and the capacity of other features of the operating distribution system.
3. The location and names of major streets which carry traffic through and around the service area.
4. Notations of the legal description of the area covered by the service area map. Such notations should include on the borders of the map the township(s) and range(s) covered by the map. Within the body of the map indicate the section(s) covered by the map.
5. Each map must be dated and signed by an authorized representative.

Service area boundaries and operating distribution system have not changed since January 1, 2000.

Service area boundaries or operating distribution system have changed since January 1, 2000. (Two copies of the revised map must be submitted with your annual report.)

Lorin Clark

Name (please print)

Lorin Clark

Signature/Date

Controller

Title

623-935-3845

Phone

**\*\*PLEASE ENCLOSE THIS SHEET WITH YOUR ANNUAL REPORT\*\***

ARIZONA DEPARTMENT OF WATER RESOURCES  
**ANNUAL WATER WITHDRAWAL  
 AND USE REPORT - PROVIDER SUMMARY 1999**

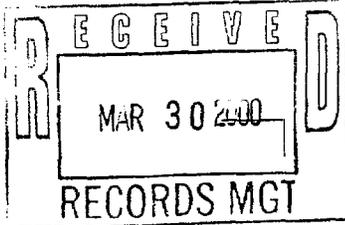
500 NORTH THIRD STREET  
 PHOENIX, AZ 85004-3921

OWNER OF GROUNDWATER RIGHT

LDS CHURCH  
 C/O DANIEL R. Post  
 16501 N. TRICO RD.  
 MARANA, AZ 85653

REPORTING PARTY

LDS Church  
 C/O DANIEL R. Post  
 16501 N. TRICO RD.  
 MARANA, AZ 85653



TYPE OF RIGHT

Municipal Provider

RIGHT / PERMIT NO.

56-000335.0000

Tucson AMA

INPUT

If any of the information preprinted on this report is incorrect, please make the necessary changes.

**PART I GROUNDWATER WITHDRAWN**

From Box 12 Schedule A attached

Complete this section only if you operate a non-exempt well.

1.94 ACRE - FEET    \$ 3.00    \$ 5.82

ACRE - FEET    X    Withdrawal Fee =

**PART II WATER DELIVERED TO OTHER RIGHTS**

From Box 10 Schedule D attached

0 ACRE - FEET

**PART III WATER RECEIVED FROM OTHER RIGHTS**

Total from Schedule E attached

0 ACRE - FEET

**PART IV WATER DELIVERED TO INDIV USERS**

From Schedule F1 or Schedule F2 attached

ACRE - FEET

**PART V TOTAL WATER USED BY THIS RIGHT**

Calculate as follows: Part I + Part III - Part II

1.94 ACRE - FEET

**PART VI LATE FEES**

Complete if filing after March 31. Note: A portion of a month after March 31 is counted as a full month.

1) Enter number of months late (Maximum of 6)

2) Calculate Late Report Fee (\$25.00 X number of months late)

3) Calculate Late Payment Fee (10% X number of months late X withdrawal fee calculated in Part I above)

**PART VII TOTAL FEES DUE**

Add amounts from Parts I and VI

\$ 5.82



Cactus Lane Ranch  
 16156 W. Olive  
 Waddell, Az 85355

04-84

DATE	CHECK NO.
03/28/00	9001760

155124699 VOID AFTER NINETY DAYS

AMOUNT
*****4714.51

DOLLARS

PAY FOUR THOUSAND SEVEN HUNDRED FOURTEEN AND 51/100

31-S-1240

TO THE ORDER OF

DEPT. OF WATER RESOURCES  
 P O Box 458  
 PHOENIX

AZ 85001-0458

(Two Signatures Required if Over \$5,000)

AUTHORIZED SIGNATURE

AUTHORIZED SIGNATURE

ZIONS FIRST NATIONAL BANK  
 Headquarters Office: One Main Street  
 Salt Lake City, Utah 84111

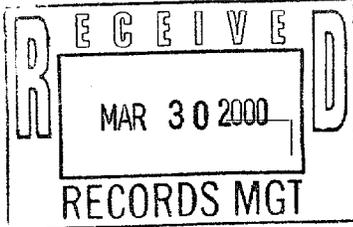
ARIZONA DEPARTMENT OF WATER RESOURCES  
**ANNUAL WATER WITHDRAWAL  
 AND USE REPORT - PROVIDER SUMMARY 1999**

500 NORTH THIRD STREET  
 PHOENIX, AZ 85004-3921

INPUT

OWNER OF GROUNDWATER RIGHT

LDS CHURCH  
 C/O DANIEL R. Post  
 16501 N. TRICO RD.  
 MARANA, AZ 85653



TYPE OF RIGHT

Municipal Provider

RIGHT / PERMIT NO.

56-000335.0000

Tucson AMA

REPORTING PARTY

LDS Church  
 C/O DANIEL R. Post  
 16501 N. TRICO RD.  
 MARANA, AZ 85653

If any of the information preprinted on this report is incorrect, please make the necessary changes.

**PART I GROUNDWATER WITHDRAWN**

From Box 12 Schedule A attached  
 Complete this section only if you operate a non-exempt well.

1.94 ACRE - FEET    \$3.00    \$5.82

ACRE - FEET    X    Withdrawal Fee =

**PART II WATER DELIVERED TO OTHER RIGHTS**

From Box 10 Schedule D attached

0 ACRE - FEET

**PART III WATER RECEIVED FROM OTHER RIGHTS**

Total from Schedule E attached

0 ACRE - FEET

**PART IV WATER DELIVERED TO INDIV USERS**

From Schedule F1 or Schedule F2 attached

0 ACRE - FEET

**PART V TOTAL WATER USED BY THIS RIGHT**

Calculate as follows: Part I + Part III - Part II

1.94 ACRE - FEET

**PART VI LATE FEES**

Complete if filing after March 31. Note: A portion of a month after March 31 is counted as a full month.

1) Enter number of months late (Maximum of 6)

2) Calculate Late Report Fee (\$25.00 X number of months late)

3) Calculate Late Payment Fee (10% X number of months late X withdrawal fee calculated in Part I above)

**PART VII TOTAL FEES DUE**

Add amounts from Parts I and VI

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 2000. If hand delivered, the report must be received by the Department's Records Management Unit or local AMA office no later than 5:00 PM on March 31, 2000.

THIS REPORT MUST BE FILED EVEN IF NO WATER WAS USED PURSUANT TO THIS RIGHT.

REPORTS FILED AFTER MARCH 31, 2000 ARE SUBJECT TO LATE FEES (ARS § 45-632) AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS.

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X \_\_\_\_\_ AUTHORIZED SIGNATURE

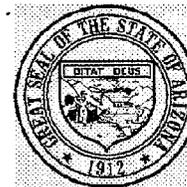
Mr \_\_\_\_\_ TITLE

3-23-00 DATE

\_\_\_\_\_ PRINTED NAME

520-6874410 TELEPHONE NUMBER

# ARIZONA DEPARTMENT OF WATER RESOURCES



JANE DEE HULL  
Governor

RITA P. PEARSON  
Director

January 20, 2000

Dear Provider:

Enclosed are your Annual Water Withdrawal and Use Report forms for calendar year 1999. The summary page is printed on the reverse side of this letter. This report is for service area right holders who have withdrawn groundwater from their own wells, who may have received water from others or may have delivered water to other right holders. The Department has preprinted certain information from our records onto these forms. Pay particular attention to the schedules and worksheets. If any of the preprinted information is incorrect, please make the necessary changes. Note that a separate annual report form must be filed for each right you own. Separate checks should be enclosed to cover the fees associated with each right and the right number should be written on the check.

The Groundwater Code requires that each person who owns a right to withdraw groundwater in an **Active Management Area** must file an annual report, even if no groundwater was used. Persons who did not withdraw or use water during 1999 are required to return the form with zeros in the appropriate blanks and sign and date the summary page.

**Reports must be received by the Department or postmarked no later than March 31, 2000.**

The penalty for filing late is \$25.00 per month or part of month that the report is late up to \$150.00. In addition, if you withdrew groundwater, and did not pay the withdrawal fee on time, the penalty is 10% of the unpaid fee per month or part of a month that the fees are delinquent, up to a maximum of 60% of the unpaid balance.

If your water right has been sold, then both the buyer and seller are responsible for notifying the Department of the conveyance. **The owner of the right as of December 31, 1999 is responsible for filing an annual report covering the entire calendar year.** Please contact your AMA office for conveyance forms and instructions.

We have tried to provide you with the proper forms according to information in our files. Failure to receive the proper forms does not relieve a person of the responsibility of keeping the required records or filing the required reports. You should keep a copy of this report for your records.

If you need help or have questions, contact your AMA office listed at the top of the Summary page of the report.

Sincerely,

Jim Holway

Assistant Director  
Groundwater Management Division



# SCHEDULE A

## REPORT OF GROUNDWATER WITHDRAWALS

ARIZONA DEPARTMENT OF WATER RESOURCES

### INSTRUCTIONS

If any information pre-printed on this form is incorrect, please make the needed corrections. For that information not already preprinted on this form, please follow the directions below.

Enter owner name and groundwater right number, if not already shown, in

Enter DWR well registration number and location of each well, if not already shown, in

Enter power company name, account number and meter number, if not already shown, in

Enter device type used to measure withdrawals, if not already shown, in  (see list below)

If energy meter serves uses other than the well, indicate "Y" in ; if energy meter does not serve other uses (meter is dedicated to the well) indicate "N" in

Enter energy consumed by well and units of measure from appropriate worksheet in

If device types 2 through 6 are used, indicate the average discharge and divider or total hours from the appropriate worksheet in  and

Enter total acre-feet of groundwater withdrawn for each well, as calculated on attached worksheets, in

Enter total acre-feet of exchange groundwater pumped for each well, as calculated on attached worksheets, in

If applicable, adjust the total acre-feet of Exchange Groundwater for each well in . This applies to noticed groundwater for groundwater exchanges for which the exchange agreement requires payback within the same calendar year that groundwater is given.

Enter grand total acre-feet withdrawn in  and in Part I of the Summary Page.

DEVICE  
TYPE

1. Pumpage measured by meter or other totalizer/recorder devices (use worksheet W-1)
2. Pipeflow with pumpage calculated using electrical energy records (use worksheet W-2)
3. Pipeflow with pumpage calculated using natural gas energy records (use worksheet W-3)
4. Open channel flow with pumpage calculated using electrical energy records (use worksheet W-4)
5. Open channel flow with pumpage calculated using natural gas energy records (use worksheet W-5)
6. Pumpage calculated using hour meters (use worksheet W-6)

#### MEASURING DEVICE MALFUNCTION

Pursuant to A.A.C. R12-15-906, a measuring device that fails to perform for more than seventy-two (72) hours must be reported to the Department of Water Resources within seven (7) calendar days after the discovery of the malfunction. Corrective action must be taken within 30 days, and estimates of withdrawals made during the period the device was out of service must be provided. Results of the two per year required flow-rate measurements must also be attached. A measuring Device Malfunction Report is available on request.

**NOTE: A WORKSHEET MUST BE ATTACHED FOR EACH WELL FROM WHICH WATER WAS WITHDRAWN.**

# WORKSHEET W-2 1999

GROUNDWATER RIGHT/PERMIT NO. 56-000335.0000

1 DWR WELL REGISTRATION NO. <u>55-642033</u>		10 40 160 LOCATION Q Q Q Sec Twn Rng <u>SW NW NE 3 11 S 10 E</u>	
2 TYPE OF MEASURING DEVICE <u>ANNULAR EAGLE EYE DIAPHRAGM STAND.</u>		MAKE <u>DIAPHRAGM STAND.</u>	
MODEL <u>ANR 75 G-9810</u>		SIZE <u>3"</u>	
INSTALLATION OR OVERHAUL DATE			
3 POWER CO. NAME <u>TRICO</u>		ACCOUNT NO. <u>55407413</u>	
ELECTRIC METER NO. <u>B-1003-1</u>			
4 Kr <u>10</u>		Kh <u>14.4</u>	
5 FACTOR A = <u>144</u> = Kr x Kh		6 INSIDE DIAMETER <u>3.54</u> (Inches)	
7 Date of Measurement		Differential or Velocity Head (Specify Units)	
<u>6-4-99</u>		<u>20.5"</u>	
<u>8-10-99</u>		<u>20"</u>	
Discharge (Gals/Min)		No. of Seconds for 10 Revs	
<u>239</u>		<u>50.91</u>	
<u>235</u>		<u>51.21</u>	
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	
<u>474</u>		<u>102.12</u>	
8 AVERAGE DISCHARGE <u>237</u> FACTOR B		9 AVERAGE SECONDS <u>51.06</u> FACTOR C	
10 DIVIDER = $19,550 \times \frac{A \times 10}{B \times C} =$ <u>2326.377</u>			
11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS <u>4.517</u>			
12 GROUNDWATER WITHDRAWN = $\frac{\text{LINE 11}}{\text{LINE 10}} =$ <u>1.94</u> ACRE FEET			

1 DWR WELL REGISTRATION NO.		10 40 160 LOCATION Q Q Q Sec Twn Rng	
2 TYPE OF MEASURING DEVICE		MAKE	
MODEL		SIZE	
INSTALLATION OR OVERHAUL DATE <u>MAR 30 2000</u>			
3 POWER CO. NAME		ACCOUNT NO.	
ELECTRIC METER NO.			
4 Kr		Kh	
5 FACTOR A = <u>        </u> = Kr x Kh		6 INSIDE DIAMETER <u>        </u> (Inches)	
7 Date of Measurement		Differential or Velocity Head (Specify Units)	
Discharge (Gals/Min)		No. of Seconds for 10 Revs	
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	
8 AVERAGE DISCHARGE <u>        </u> FACTOR B		9 AVERAGE SECONDS <u>        </u> FACTOR C	
10 DIVIDER = $19,550 \times \frac{A \times 10}{B \times C} =$ <u>        </u>			
11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS <u>        </u>			
12 GROUNDWATER WITHDRAWN = $\frac{\text{LINE 11}}{\text{LINE 10}} =$ <u>        </u> ACRE FEET			

1 DWR WELL REGISTRATION NO.		10 40 160 LOCATION Q Q Q Sec Twn Rng	
2 TYPE OF MEASURING DEVICE		MAKE	
MODEL		SIZE	
INSTALLATION OR OVERHAUL DATE			
3 POWER CO. NAME		ACCOUNT NO.	
ELECTRIC METER NO.			
4 Kr		Kh	
5 FACTOR A = <u>        </u> = Kr x Kh		6 INSIDE DIAMETER <u>        </u> (Inches)	
7 Date of Measurement		Differential or Velocity Head (Specify Units)	
Discharge (Gals/Min)		No. of Seconds for 10 Revs	
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	
8 AVERAGE DISCHARGE <u>        </u> FACTOR B		9 AVERAGE SECONDS <u>        </u> FACTOR C	
10 DIVIDER = $19,550 \times \frac{A \times 10}{B \times C} =$ <u>        </u>			
11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS <u>        </u>			
12 GROUNDWATER WITHDRAWN = $\frac{\text{LINE 11}}{\text{LINE 10}} =$ <u>        </u> ACRE FEET			

1 DWR WELL REGISTRATION NO.		10 40 160 LOCATION Q Q Q Sec Twn Rng	
2 TYPE OF MEASURING DEVICE		MAKE	
MODEL		SIZE	
INSTALLATION OR OVERHAUL DATE			
3 POWER CO. NAME		ACCOUNT NO.	
ELECTRIC METER NO.			
4 Kr		Kh	
5 FACTOR A = <u>        </u> = Kr x Kh		6 INSIDE DIAMETER <u>        </u> (Inches)	
7 Date of Measurement		Differential or Velocity Head (Specify Units)	
Discharge (Gals/Min)		No. of Seconds for 10 Revs	
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	
8 AVERAGE DISCHARGE <u>        </u> FACTOR B		9 AVERAGE SECONDS <u>        </u> FACTOR C	
10 DIVIDER = $19,550 \times \frac{A \times 10}{B \times C} =$ <u>        </u>			
11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS <u>        </u>			
12 GROUNDWATER WITHDRAWN = $\frac{\text{LINE 11}}{\text{LINE 10}} =$ <u>        </u> ACRE FEET			

NOTE: This method cannot be used when energy meter serves other uses.

NOTE: If you are using one of the new digital power meters, call your local AMA office for further instructions.

## PIPE FLOW WITH PUMPAGE CALCULATED USING ELECTRICAL ENERGY RECORDS

### INSTRUCTIONS

1. Enter DWR Well Registration No. & Location in .
2. If the meter has been changed during the reporting year, enter type, make, model & size of measuring device used to measure discharge in . If the device is permanent, enter date installed or last overhauled.
3. Enter power company name, account number and meter number in .
4. Enter Kr and Kh from electric meter in .  
The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained," and the Kr is not used in computing Factor A (Kh=Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure.  
Kh is the disk constant and is located on the faceplate of the electric meter.
5. Compute Factor A by multiplying Kr by Kh in .
6. Enter the inside diameter of the well discharge pipe (inches) in .
7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement taken. A MINIMUM OF TWO MEASUREMENTS IS REQUIRED. These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge. Enter in .
8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B. Enter in .
9. Repeat the same procedure for the number of seconds column to obtain the average seconds which is designated as Factor C. Enter in .
10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider. Enter in .
11. Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiplier" factor on your bill. Enter in .
12. Divide the total Energy Consumption entered in item 11 by the value computed in Item 10 to obtain the total groundwater withdrawn by the well. Enter in .

ENTER THE FOLLOWING ON SCHEDULE A OR PART 1 OF SCHEDULE A-GSF

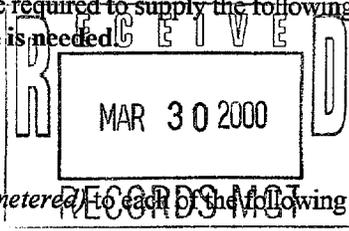
WORKSHEET	SCHEDULE A
Item 1	--- DWR Well Reg No. & Location in Col <input type="text" value="2"/> if not already shown.
Item 3	--- Power Co. Name, Acct. No. and Meter No. in Col <input type="text" value="3"/> .
Item 8	--- Average Discharge in Col <input type="text" value="7"/> .
Item 10	--- Divider in Col <input type="text" value="8"/> .
Item 11	--- Energy Consumption in Col <input type="text" value="6"/> .
Item 12	--- Groundwater withdrawn in Col <input type="text" value="9"/> .

THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A OR A-GSF.

ARIZONA DEPARTMENT OF WATER RESOURCES  
1999 ANNUAL WATER USE REPORT  
SCHEDULE F-1  
SMALL WATER PROVIDER

RIGHT NUMBER: 56-000335,0000  
PROVIDER NAME: LDS Church  
CONTACT PERSON: LEE LAMBERT  
PHONE NUMBER: 866-1190

Pursuant to Section 5-113 of the Second Management Plan (SMP) for the Tucson Active Management Area, small municipal water providers (those that supply 250 acre-feet/year or less) are required to supply the following information. Please contact the Tucson AMA at 770-3800 if assistance is needed.



PART 1 - DELIVERIES TO USE GROUPS

Please indicate the total quantity of water delivered (both metered and unmetered) to each of the following user groups for 1999.

a. Residential - include all uses of water related to service of residences (*housing units*) including both interior and exterior water use. This should include deliveries to multi-family housing complexes that are on master meters and deliveries to individually metered single family residences.

Metered \_\_\_\_\_ acre-feet  
Unmetered 1.94 acre-feet  
Total 1.94 acre-feet

b. Non-residential - include all water delivered for purposes other than residential, including turf-related facilities (*item d below*). Do not include effluent or deliveries to irrigation rights or other service area rights.

Metered \_\_\_\_\_ acre-feet  
Unmetered \_\_\_\_\_ acre-feet  
Total \_\_\_\_\_ acre-feet

c. Total deliveries (*add amounts in a and b above*) 1.94 acre-feet

d. Turf-related facilities - include all *non-effluent* water delivered to facilities with ten or more acres of turf. These deliveries should be included in non-residential use (*item b above*). Please note that a Schedule G-2 must also be submitted for each turf-related facility receiving water from your system in 1998.

\_\_\_\_\_ acre-feet

e. Total effluent deliveries (*not included in GPCD or lost water calculations*) \_\_\_\_\_ acre-feet

Unmetered deliveries must be calculated using a generally accepted method of estimating water use. Explain below how any unmetered deliveries were calculated:

BASED ON GPCD

---

---

---

(OVER)

Right Number: \_\_\_\_\_

Provider Name: \_\_\_\_\_

**PART 2 - LOST AND UNACCOUNTED FOR WATER**

Lost and unaccounted for water is calculated by subtracting total deliveries from total water used. Effluent and deliveries to irrigation rights or other service area rights are not included in the calculation.

a) Total quantity of water used (from Part V of the Annual Report Summary Page): 1,94 acre-feet

b) Total metered and unmetered (estimated) deliveries (Part 1c above) 1,94 acre-feet

c) Lost and unaccounted for water (subtract Part 2b from 2a above): 0 acre-feet

d) Percent of lost and unaccounted for water:

$$\frac{\text{lost and unaccounted for water (Part 2c)}}{\text{total used (Part 2a)}} \text{ AF} / \text{ AF} \times 100 = \underline{0} \text{ Percent}$$

**PART 3 - HOUSING UNITS SERVED**

A housing unit means a group of rooms or a single room occupied as separate living quarters. Housing unit includes a single family home, a patio home, a townhouse, a condominium, an apartment, a permanently setup mobile home or a unit in a multifamily complex. Housing unit does not include a mobile home in an overnight or limited-stay mobile home park or a unit in a campground, motel, hotel, or other temporary lodging facility.

a) "Single family housing unit" means a detached dwelling, including permanently setup mobile homes not in mobile home parks.

Indicate net change in single family housing units (not service connections) in your service area between July 1, 1998 and July 1, 1999: + 1 units

b) "Multifamily housing unit" means a mobile home in a mobile home park and any permanent housing unit having one or more common walls with another housing unit located in a multifamily residential structure, and includes a unit in a duplex, triplex, fourplex, condominium development, townhome development or apartment complex.

Indicate net change in multifamily housing units (not service connections) in your service area between July 1, 1998 and July 1, 1999: \_\_\_\_\_ units

**ARIZONA DEPARTMENT OF WATER RESOURCES**

500 North Third Street, Phoenix, Arizona 85004  
Telephone 602 417-2410  
Fax 602 417-2401



**JANE DEE HULL**  
Governor

**RITA P. PEARSON**  
Director

December 20, 1999

**56-000335.0000**  
**L D S CHURCH**  
**C/O DANIEL K. POST**  
**16501 N. TRICO RD.**  
**MARANA, AZ 85653**

Dear Small Municipal Provider:

This is an OFFICIAL NOTICE that the director of the Arizona Department of Water Resources (director) has issued a final order adopting the management plan for the Tucson Active Management Area (AMA) for the third management period, 2000 to 2010 (TMP). This is also an Official Notice of the conservation requirements, distribution system requirements and monitoring and reporting requirements established in the TMP for small municipal providers, which will become effective on January 1, 2002. **PLEASE CAREFULLY REVIEW THIS NOTICE AND THE ENCLOSED REQUIREMENTS.**

On December 13, 1999, the director issued a final order adopting the TMP. The TMP was adopted in accordance with Arizona's Groundwater Code, which requires the director to establish a continuing mandatory conservation program for all persons withdrawing, distributing or using groundwater within the AMA. For small municipal providers, the Groundwater Code requires the director to establish reasonable conservation requirements. The Code also requires the director to establish conservation measures as may be appropriate for individual users and economically reasonable conservation requirements for the distribution of groundwater by cities, towns, private water companies, and irrigation districts within their service areas.

As required by the Groundwater Code, the TMP contains reasonable conservation requirements for small municipal providers (TMP, section 5-110). The TMP also contains individual user conservation requirements for municipal providers (TMP, section 5-111), distribution system conservation requirements for municipal providers (TMP, section 5-112) and monitoring and reporting requirements for municipal providers (TMP, section 5-113).

As a municipal provider serving 250 acre-feet or less of water for non-irrigation use during a calendar year, you are a small municipal provider. Beginning on January 1, 2002, and continuing until the first compliance date for any substitute requirements in the Fourth Management Plan, you shall comply with the conservation requirements for small municipal providers in section 5-110 of the TMP, the individual user requirements in section 5-111 of the TMP, the distribution system conservation requirements for small municipal providers in section 5-112(2) of the TMP and the applicable monitoring and reporting requirements in section 5-113 of the TMP.

You should be aware that if you begin serving more than 250 acre-feet of water per year for non-irrigation use during the third management period, you will become a large municipal provider. In that event, you will be required to comply with the conservation requirements for new large municipal providers and the distribution system requirements for large municipal providers in the TMP beginning with the second full calendar year after you are given written notice of those requirements by the director.

Attachment A sets forth the conservation requirements and monitoring and reporting requirements established in the TMP for small and large municipal providers. Attachment A is incorporated into this notice by reference.

You have the right to seek administrative relief from the conservation requirements established in the TMP. You also have the right to seek judicial review of the director's order adopting the TMP. The following is a description of your rights.

### Administrative Relief

The director has found the conservation requirements in the TMP to be equitable for most water users. However, there are two separate methods for seeking administrative relief from the conservation requirements if you believe you will be unable to comply with the requirements. You may request a VARIANCE or an ADMINISTRATIVE REVIEW.

#### 1. VARIANCE

A person who requires additional time to comply with a conservation requirement or distribution system requirement may apply to the director for a VARIANCE from the requirement pursuant to A.R.S. § 45-574. The director may grant a variance for up to five years upon a showing of "compelling economic circumstances." An application for a variance must be filed within 90 days after the date you receive this notice.

#### 2. ADMINISTRATIVE REVIEW

If you feel that a conservation requirement or distribution system requirement is unreasonable as applied to you, you may apply for an ADMINISTRATIVE REVIEW of the requirement pursuant to A.R.S. § 45-575(A). An application for administrative review under A.R.S. § 45-575(A) must be filed within 90 days after the date you receive this notice.

An administrative review may also be applied for at any time during the third management period if extraordinary circumstances not in existence as of the date of this notice make it unreasonable to require your compliance with a conservation requirement. If these circumstances should arise during the third management period, please contact the Tucson AMA for information and application procedures.

### Judicial Review

In addition to seeking administrative relief through a request for variance or administrative review, you may seek judicial review of the director's order adopting the TMP pursuant to A.R.S. § 45-114(C). Any action for judicial review must be filed within thirty-five days after your receipt of this notice. You may review the entire TMP at the locations listed in Attachment B.

If you have any questions regarding your conservation requirements or if you need an application form and information on the Variance or Administrative Review procedures, please call the Tucson AMA at (520) 770-3800.

Sincerely,

A handwritten signature in cursive script, appearing to read "Rita P. Pearson".

Rita P. Pearson  
Director

ARIZONA DEPARTMENT OF WATER RESOURCES  
**ANNUAL WATER WITHDRAWAL  
 AND USE REPORT - PROVIDER SUMMARY 1998**

500 NORTH THIRD STREET  
 PHOENIX, AZ 85004-3921

A 1  
 F 1  
 W2 1

INPUT

OWNER OF GROUNDWATER RIGHT

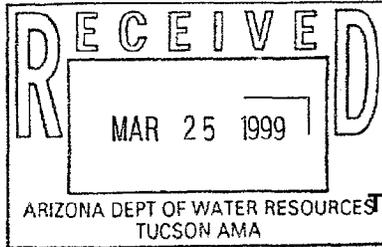
L D S CHURCH  
 C/O DANIEL K. POST  
 16501 N. TRICO RD.  
 MARANA, AZ 85653

TYPE OF RIGHT

**MUNICIPAL PROVIDER (GW ONLY)**

RIGHT / PERMIT NO.

**56-000335.0000**



ARIZONA DEPT OF WATER RESOURCES TUCSON

AMA

(520) 770-3800

REPORTING PARTY  
 56-000335.0000  
 L D S CHURCH  
 C/O DANIEL K. POST  
 16501 N. TRICO RD.  
 MARANA, AZ 85653

If any of the information preprinted on this report is incorrect, please make the necessary changes.

**PART I GROUNDWATER WITHDRAWN**

From Box 12 Schedule A attached  
 Complete this section only if you operate a non-exempt well.

2.79 ACRE - FEET X \$ 3.00 Withdrawal Fee = \$ 8.37

**PART II WATER DELIVERED TO OTHER RIGHTS**

From Box 10 Schedule D attached

0 ACRE - FEET

**PART III WATER RECEIVED FROM OTHER RIGHTS**

Total from Schedule E attached

0 ACRE - FEET

**PART IV WATER DELIVERED TO INDIV USERS**

From Schedule F1 or Schedule F2 attached

2.79 ACRE - FEET

**PART V TOTAL WATER USED BY THIS RIGHT**

Calculate as follows: Part I + Part III - Part II

2.79 ACRE - FEET

**PART VI LATE FEES**

Complete if filing after March 31. Note: A portion of a month after March 31 is counted as a full month.

1) Enter number of months late 0 (Maximum of 6)

2) Calculate Late Report Fee \_\_\_\_\_ \$ 0  
 (\$25.00 X number of months late)

3) Calculate Late Payment Fee \_\_\_\_\_ \$ 0  
 (10% X number of months late X withdrawal fee calculated in Part I above)

**PART V II TOTAL FEES DUE**

Add amounts from Parts I and VI

\$ 8.37

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than 3/25 1999. If hand delivered, the report must be received by the Department's Records Management



ARIZONA WATER MEASUREMENT  
 P.O. BOX 65714 520-293-8682  
 TUCSON, AZ 85728

1077

91-101/1221

Pay to the order of A. D. W. R

Eight Dollars & 37/100's \$ 8.37

Arizona Bank  
 Kachina Banking Center  
 Campbell/Glenn  
 2854 N. Campbell  
 Tucson, AZ 85719

For 98' Annual Report 56-000335.0000

R/P/T

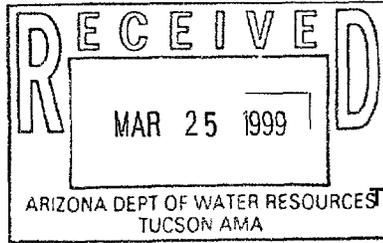
Security features included. Details on back.

# ANNUAL WATER WITHDRAWAL AND USE REPORT - PROVIDER SUMMARY 1998

### OWNER OF GROUNDWATER RIGHT

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA, AZ 85653

REPORTING PARTY  
56-000335.0000  
L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA, AZ 85653



### TYPE OF RIGHT

MUNICIPAL PROVIDER (GW ONLY)

### RIGHT / PERMIT NO.

56-000335.0000



AMA

(520) 770-3800

INPUT

If any of the information preprinted on this report is incorrect, please make the necessary changes.

### PART I GROUNDWATER WITHDRAWN

From Box 12 Schedule A attached  
Complete this section only if you operate a non-exempt well.

2.79 ACRE - FEET      \$ 3.00      \$ 8.37

ACRE - FEET X Withdrawal Fee =

### PART II WATER DELIVERED TO OTHER RIGHTS

From Box 10 Schedule D attached

0 ACRE - FEET

### PART III WATER RECEIVED FROM OTHER RIGHTS

Total from Schedule E attached

0 ACRE - FEET

### PART IV WATER DELIVERED TO INDIV USERS

From Schedule F1 or Schedule F2 attached

2.79 ACRE - FEET

### PART V TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

2.79 ACRE - FEET

### PART VI LATE FEES

Complete if filing after March 31. Note: A portion of a month after March 31 is counted as a full month.

1) Enter number of months late (Maximum of 6)

2) Calculate Late Report Fee (\$25.00 X number of months late)

3) Calculate Late Payment Fee (10% X number of months late X withdrawal fee calculated in Part I above)

### PART V II TOTAL FEES DUE

Add amounts from Parts I and VI

\$ 8.37

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 1999. If hand delivered, the report must be received by the Department's Records Management Unit or local AMA office no later than 5:00 PM on March 31, 1999.

THIS REPORT MUST BE FILED EVEN IF NO WATER WAS USED PURSUANT TO THIS RIGHT.

REPORTS FILED AFTER MARCH 31, 1999 ARE SUBJECT TO LATE FEES (ARS § 45-632) AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS.

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X

*[Handwritten Signature]*  
AUTHORIZED SIGNATURE

*[Handwritten Title: Mgr.]*  
TITLE

*[Handwritten Date: 3-24-99]*  
DATE

PRINTED NAME

TELEPHONE NUMBER

# ARIZONA DEPARTMENT OF WATER RESOURCES



JANE DEE HULL  
Governor

RITA P. PEARSON  
Director

January 20, 1999

Dear Provider:

Enclosed are your Annual Water Withdrawal and Use Report forms for calendar year 1998. The summary page is printed on the reverse side of this letter. This report is for service area right holders who have withdrawn groundwater from their own wells, who may have received water from others or may have delivered water to other right holders. The Department has preprinted certain information from our records onto these forms. Please pay particular attention to the schedules and worksheets. If any of the preprinted information is incorrect, please make the necessary changes. Please note that a separate annual report form must be filed for each right you own. Separate checks should be enclosed to cover the fees associated with each right and the right number should be written on the check.

The Groundwater Code requires that each person who owns a right to withdraw groundwater in an **Active Management Area** must file an annual report, even if no groundwater was used. Persons who did not withdraw or use water during 1998 are required to return the form with zeros in the appropriate blanks.

**Reports must be received by the Department or postmarked no later than March 31, 1999.**

The penalty for filing late is \$25.00 per month or part of month that the report is late up to \$150.00. In addition, if you withdrew groundwater, and did not pay the fee on time or did not pay the proper fee the penalty is 10% of the unpaid fee per month or part of a month that the fees are delinquent, up to a maximum of 60% of the unpaid balance.

If your water right has been sold, then both the buyer and seller are responsible for notifying the Department of the conveyance. **The owner of the right as of December 31, 1998 is responsible for filing an annual report covering the entire calendar year.** Please contact your AMA office for conveyance forms and instructions.

We have tried to provide you with the proper forms according to information in our files. The law does specify, however, that failure to receive the proper forms does not relieve a person of the responsibility of keeping the required records or filing the required reports. You may want to keep a copy of this report for your records.

If you need help or have questions, contact your AMA office listed at the top of the Summary page of the report.

Sincerely,

Jim Holway

Assistant Director  
Groundwater Management Division



# SCHEDULE A

## REPORT OF GROUNDWATER WITHDRAWALS

ARIZONA DEPARTMENT OF WATER RESOURCES

### INSTRUCTIONS

If any information pre-printed on this form is incorrect, please make the needed corrections. For that information not already preprinted on this form, please follow the directions below.

Enter owner name and groundwater right number, if not already shown, in

Enter DWR well registration number and location of each well, if not already shown, in

Enter power company name, account number and meter number, if not already shown, in

Enter device type used to measure withdrawals, if not already shown, in  (see list below)

If energy meter serves uses other than the well, indicate "Y" in ; if energy meter does not serve other uses (meter is dedicated to the well) indicate "N" in

Enter energy consumed by well and units of measure from appropriate worksheet in

If device types 2 through 6 are used, indicate the average discharge and divider or total hours from the appropriate worksheet in  and

Enter total acre-feet of groundwater withdrawn for each well, as calculated on attached worksheets, in

Enter total acre-feet of exchange groundwater pumped for each well, as calculated on attached worksheets, in

If applicable, adjust the total acre-feet of Exchange Groundwater for each well in . This applies to noticed groundwater for groundwater exchanges for which the exchange agreement requires payback within the same calendar year that groundwater is given.

Enter grand total acre-feet withdrawn in  and in Part I of the Summary Page.

DEVICE  
TYPE

1. Pumpage measured by meter or other totalizer/recorder devices(use worksheet W-1)
2. Pipeflow with pumpage calculated using electrical energy records(use worksheet W-2)
3. Pipeflow with pumpage calculated using natural gas energy records(use worksheet W-3)
4. Open channel flow with pumpage calculated using electrical energy records(use worksheet W-4)
5. Open channel flow with pumpage calculated using natural gas energy records(use worksheet W-5)
6. Pumpage calculated using hour meters (use worksheet W-6)

#### MEASURING DEVICE MALFUNCTION

Pursuant to A.A.C. R12-15-906, a measuring device that fails to perform for more than seventy-two (72) hours must be reported to the Department of Water Resources within seven (7) calendar days after the discovery of the malfunction. Corrective action must be taken within 30 days, and estimates of withdrawals made during the period the device was out of service must be provided. Results of the two per year required flow-rate measurements must also be attached. A measuring Device Malfunction Report is available on request.

**NOTE: A WORKSHEET MUST BE ATTACHED FOR EACH WELL FROM WHICH WATER WAS WITHDRAWN.**

# WORKSHEET W-2 1998

GROUNDWATER RIGHT/PERMIT NO. 56-000335.0000

1 DWR WELL REGISTRATION NO. 55-642033 LOCATION SW NW NE 3 1/2 10E

2 TYPE OF MEASURING DEVICE ANNIBAR Eagle Eye MAKE Detzsch Dando MODEL ANR 75 C-9810 SIZE 3" INSTALLATION OR OVERHAUL DATE MAR 25

3 POWER CO. NAME TRICO ACCOUNT NO. 5540741.3 ELECTRIC METER NO. B-1023-1

4 Kf 10 Kh 14.4

5 FACTOR A = 144 = Kr x Kh 6 INSIDE DIAMETER 3.54 (Inches)

Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
7-18-98	20"	235	50.62
12-22-98	20"	235	51.15
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS 470	101.77

8 AVERAGE DISCHARGE 235 FACTOR B 9 AVERAGE SECONDS 50.895 FACTOR C

10 DIVIDER = 19,550 X  $\frac{A \times 10}{B \times C}$  = 2354.244

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS 4020

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = 2.79 ACRE FEET

1 DWR WELL REGISTRATION NO. LOCATION

2 TYPE OF MEASURING DEVICE MAKE MODEL SIZE INSTALLATION OR OVERHAUL DATE

3 POWER CO. NAME ACCOUNT NO. ELECTRIC METER NO.

4 Kf Kh

5 FACTOR A = = Kr x Kh 6 INSIDE DIAMETER (Inches)

Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE FACTOR B 9 AVERAGE SECONDS FACTOR C

10 DIVIDER = 19,550 X  $\frac{A \times 10}{B \times C}$  =

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = ACRE FEET

1 DWR WELL REGISTRATION NO. LOCATION

2 TYPE OF MEASURING DEVICE MAKE MODEL SIZE INSTALLATION OR OVERHAUL DATE

3 POWER CO. NAME ACCOUNT NO. ELECTRIC METER NO.

4 Kf Kh

5 FACTOR A = = Kr x Kh 6 INSIDE DIAMETER (Inches)

Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE FACTOR B 9 AVERAGE SECONDS FACTOR C

10 DIVIDER = 19,550 X  $\frac{A \times 10}{B \times C}$  =

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = ACRE FEET

1 DWR WELL REGISTRATION NO. LOCATION

2 TYPE OF MEASURING DEVICE MAKE MODEL SIZE INSTALLATION OR OVERHAUL DATE

3 POWER CO. NAME ACCOUNT NO. ELECTRIC METER NO.

4 Kf Kh

5 FACTOR A = = Kr x Kh 6 INSIDE DIAMETER (Inches)

Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE FACTOR B 9 AVERAGE SECONDS FACTOR C

10 DIVIDER = 19,550 X  $\frac{A \times 10}{B \times C}$  =

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = ACRE FEET

ALL INFORMATION CONTAINED IN THIS REPORT IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE BY THE CUSTOMER OR THEIR ENERGY SUPPLIER

NOTE: This method cannot be used when energy meter serves other uses.

NOTE: If you are using one of the new digital power meters, call your local AMA office for further instructions.

## PIPE FLOW WITH PUMPAGE CALCULATED USING ELECTRICAL ENERGY RECORDS

### INSTRUCTIONS

1. Enter DWR Well Registration No. & Location in **1**.
2. If the meter has been changed during the reporting year, enter type, make, model & size of measuring device used to measure discharge in **2**. If the device is permanent, enter date installed or last overhauled.
3. Enter power company name, account number and meter number in **3**.
4. Enter Kr and Kh from electric meter in **4**.  
The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained," and the Kr is not used in computing Factor A (Kh=Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure.  
Kh is the disk constant and is located on the faceplate of the electric meter.
5. Compute Factor A by multiplying Kr by Kh in **5**.
6. Enter the inside diameter of the well discharge pipe (inches) in **6**.
7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement taken. A MINIMUM OF TWO MEASUREMENTS IS REQUIRED. These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge. Enter in **7**.
8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B. Enter in **8**.
9. Repeat the same procedure for the number of seconds column to obtain the average seconds which is designated as Factor C. Enter in **9**.
10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider. Enter in **10**.
11. Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiplier" factor on your bill. Enter in **11**.
12. Divide the total Energy Consumption entered in item 11 by the value computed in Item 10 to obtain the total groundwater withdrawn by the well. Enter in **12**.

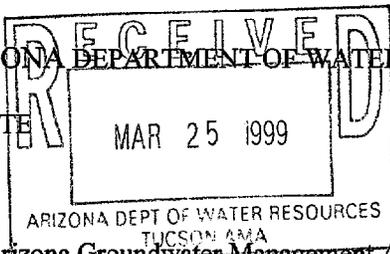
**ENTER THE FOLLOWING ON SCHEDULE A OR PART I OF SCHEDULE A-GSF**

WORKSHEET	SCHEDULE A
Item 1	--- DWR Well Reg No. & Location in Col <b>2</b> if not already shown.
Item 3	--- Power Co. Name, Acct. No. and Meter No. in Col <b>3</b> .
Item 8	--- Average Discharge in Col <b>7</b> .
Item 10	--- Divider in Col <b>8</b> .
Item 11	--- Energy Consumption in Col <b>6</b> .
Item 12	--- Groundwater withdrawn in Col <b>9</b> .

**THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A OR A-GSF.**

ARIZONA DEPARTMENT OF WATER RESOURCES

1998 SERVICE AREA MAP UPDATE



Provider Name: LDS Church

Provider Number: 56-000335.0000

According to A.R.S. 45-498 of the Arizona Groundwater Management Act, each city, town, private water company and irrigation district within an Active Management Area is required to maintain an accurate and current map delineating its service area and water distribution system.

If your service area boundaries or operating distribution system have not changed since January 1, 1998, indicate this below. If your service area boundaries or operating distribution system have changed since January 1, 1998, indicate this below and submit two copies of your revised service area map with your 1998 Annual Water withdrawal and Use Report no later than March 31, 1999. A duplicate copy of the service area map submitted to the Department shall be kept on file at your office.

Maps must be drawn to a scale of 1:31680 (2 inches to the mile) or larger and must contain all of the elements listed below:

1. The principal features of the operating distribution system including wells, water treatment plants, pumping stations, reservoirs and storage tanks, canals and water mains of a diameter greater than or equal to four (4) inches.
2. The diameter and linear miles of the mains and the capacity of other features of the operating distribution system.
3. The location and names of major streets which carry traffic through and around the service area.
4. Notations of the legal description of the area covered by the service area map. Such notations should include on the borders of the map the township(s) and range(s) covered by the map. Within the body of the map indicate the section(s) covered by the map.
5. Each map must be dated and signed by an authorized representative.

Service area boundaries and operating distribution system have not changed since January 1, 1998.

Service area boundaries or operating distribution system have changed since January 1, 1998. (Two copies of the revised map must be submitted with your annual report.)

\_\_\_\_\_  
 Name (please print)

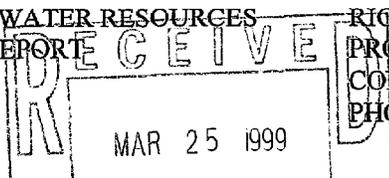
\_\_\_\_\_  
 Signature/Date

\_\_\_\_\_  
 Title

\_\_\_\_\_  
 Phone

**\*\*PLEASE ENCLOSE THIS SHEET WITH YOUR ANNUAL REPORT\*\***

ARIZONA DEPARTMENT OF WATER RESOURCES  
1998 ANNUAL WATER USE REPORT  
SCHEDULE F-1  
SMALL WATER PROVIDER



RIGHT NUMBER: 56-000 335,0000  
PROVIDER NAME: LDS Church  
CONTACT PERSON: DAN POST  
PHONE NUMBER: 293-8682

Pursuant to Section 5-113 of the Second Management Plan (SMP) for the Tucson Active Management Area, small municipal water providers (those that supply 250 acre-feet/year or less) are required to supply the following information. Please contact the Tucson AMA at 770-3800 if assistance is needed.

PART 1 - DELIVERIES TO USE GROUPS

Please indicate the total quantity of water delivered (both metered and unmetered) to each of the following user groups for 1998.

a. Residential - include all uses of water related to service of residences (housing units) including both interior and exterior water use. This should include deliveries to multi-family housing complexes through master meters.

Metered \_\_\_\_\_ acre-feet  
Unmetered 2.79 acre-feet  
Total 2.79 acre-feet

b. Non-residential - include all water delivered for purposes other than residential, including turf-related facilities (item d below). Do not include effluent or deliveries to irrigation rights or other service area rights.

Metered \_\_\_\_\_ acre-feet  
Unmetered \_\_\_\_\_ acre-feet  
Total \_\_\_\_\_ acre-feet

c. Total deliveries (add amounts in a and b above) 2.79 acre-feet

d. Turf-related facilities - include all non-effluent water delivered to facilities with ten or more acres of turf. These deliveries should be included in non-residential use (item b above). Please note that a Schedule G-2 must also be submitted for each turf-related facility receiving water from your system in 1998.

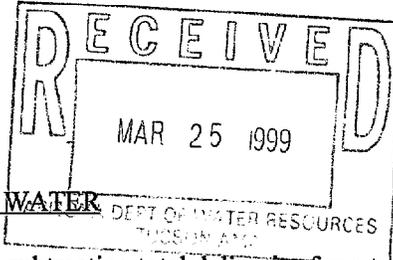
\_\_\_\_\_ acre-feet

e. Total effluent deliveries (not included in GPCD or lost water calculations) \_\_\_\_\_ acre-feet

Unmetered deliveries must be calculated using a generally accepted method of estimating water use. Explain below how any unmetered deliveries were calculated:

BASED ON GPCD  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

1998 Schedule F-1, Page 2  
 Right #56-000 335.0000  
 Provider Name: LDS Church



**PART 2 - LOST AND UNACCOUNTED FOR WATER**

Lost and unaccounted for water is calculated by subtracting total deliveries from total water used. Effluent and deliveries to irrigation rights or other service areas are not included in the calculation.

- a) Total quantity of water used (from Part V of the Annual Report Provider Summary): 2.79 acre-feet
- b) Total metered and unmetered deliveries (Part 1c above): 2.79 acre-feet
- c) Lost and unaccounted for water (subtract Part 2b from 2a above): 0 acre-feet
- d) Percent of lost and unaccounted for water:

$$\frac{\text{lost and unaccounted for water (Part 2c)}}{\text{total used (Part 2a)}} \text{ AF} \div \text{AF} \times 100 = \text{Percent}$$

**PART 3 - HOUSING UNITS SERVED**

A housing unit means a group of rooms or a single room occupied as separate living quarters. Housing unit includes a single family home, a patio home, a townhouse, a condominium, an apartment, a permanently setup mobile home or a unit in a multifamily complex. Housing unit does not include a mobile home in an overnight or limited stay mobile home park or a unit in a campground, motel, hotel, or other temporary lodging facility.

- a) "Single family housing unit" means a detached dwelling, including permanently setup mobile homes not in mobile home parks.

Indicate net change in single family housing units (not service connections) in your service area between July 1, 1997 and July 1, 1998: \_\_\_\_\_ units

- b) "Multifamily housing unit" means a mobile home in a mobile home park and any permanent housing unit having one or more common walls with another housing unit located in a multifamily residential structure, and includes a unit in a duplex, triplex, fourplex, condominium development, townhome development or apartment complex.

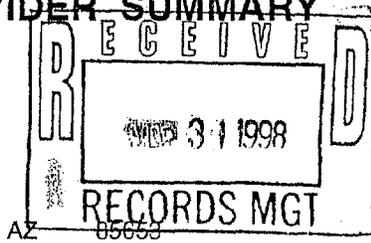
Indicate net change in multifamily housing units (not service connections) in your service area between July 1, 1997 and July 1, 1998: \_\_\_\_\_ units

ARIZONA DEPARTMENT OF WATER RESOURCES  
**1997 ANNUAL WATER WITHDRAWAL  
 AND USE REPORT - PROVIDER SUMMARY**

500 NORTH THIRD STREET  
 PHOENIX, AZ 85004-3921

OWNER OF GROUNDWATER RIGHT

L D S CHURCH  
 C/O DANIEL K. POST  
 16501 N. TRICO RD.  
 MARANA



TYPE OF RIGHT

MUNICIPAL PROVIDER (GW ONLY)

RIGHT / PERMIT NO.

56-000335.0000

A 1  
 F 1  
 W2 1

REPORTING PARTY

L D S CHURCH  
 C/O DANIEL K. POST  
 16501 N. TRICO RD.  
 MARANA

AZ 85653

TUCSON

AMA

(520) 770-3800



INPUT

If any of the information preprinted on this report is incorrect, please make the necessary changes.

**PART I GROUNDWATER WITHDRAWN**

From Box 10 Schedule A attached

Complete this section only if you operate a non-exempt well.

2.888 ACRE - FEET X \$ 3.00 Withdrawal Fee = \$ 8.66

ACRE - FEET X Withdrawal Fee =

**PART II WATER DELIVERED TO OTHER RIGHTS**

From Box 10 Schedule D attached

0 ACRE - FEET

**PART III WATER RECEIVED FROM OTHER RIGHTS**

Total from Schedule E attached

0 ACRE - FEET

**PART IV WATER DELIVERED TO INDIV USERS**

From Schedule F1 or Schedule F2 attached

2.888 ACRE - FEET

**PART V TOTAL WATER USED BY THIS RIGHT**

Calculate as follows: Part I + Part III - Part II

2.888 ACRE - FEET

**PART VI LATE FEES**

Complete if filing after March 31. Note: A portion of a month after March 31 is counted as a full month.

1) Enter number of months late (Maximum of 6)

2) Calculate Late Report Fee (\$25.00 X number of months late)

3) Calculate Late Payment Fee (10% X number of months late X withdrawal fee calculated in Part I above)

**PART VII TOTAL FEES DUE**

Add amounts from Parts I and VI

\$ 8.66

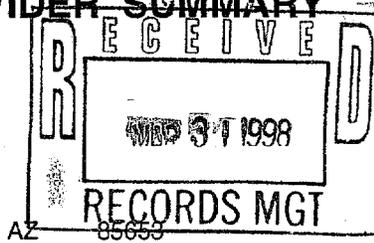
<p><b>TUCSON-MARANA FARM</b>          16301 NORTH TRICO ROAD 602-682-4410          MARANA, AZ 85653</p>	09-89	<p><b>ZIONS BANK</b>          Zions First National Bank          Headquarters Office One Main Street          Salt Lake City, Utah 84111</p>	2471
			31-5/1240 2
<p>PAY EIGHT AND 66/100</p>		DATE	AMOUNT
<p>TO THE ORDER OF</p>		03-30-1998	*****B.66
<p>DEPT. OF WATER RESOURCES          15 SOUTH 15TH AVENUE          PHOENIX AZ 85007</p>		<p>TUCSON-MARANA FARM</p>	

ARIZONA DEPARTMENT OF WATER RESOURCES  
**1997 ANNUAL WATER WITHDRAWAL  
 AND USE REPORT - PROVIDER SUMMARY**

500 NORTH THIRD STREET  
 PHOENIX, AZ 85004-3921

OWNER OF GROUNDWATER RIGHT

L D S CHURCH  
 C/O DANIEL K. POST  
 16501 N. TRICO RD.  
 MARANA



TYPE OF RIGHT

MUNICIPAL PROVIDER (GW ONLY)

RIGHT / PERMIT NO.

56-000335.0000

REPORTING PARTY

L D S CHURCH  
 C/O DANIEL K. POST  
 16501 N. TRICO RD.  
 MARANA

AZ 85653

TUCSON

AMA

(520) 770-3800

INPUT

If any of the information preprinted on this report is incorrect, please make the necessary changes.

**PART I GROUNDWATER WITHDRAWN**

From Box 10 Schedule A attached  
 Complete this section only if you operate a non-exempt well.

2.888 ACRE - FEET X Withdrawal Fee = \$ 3.00 \$ 8.66

**PART II WATER DELIVERED TO OTHER RIGHTS**

From Box 10 Schedule D attached

0 ACRE - FEET

**PART III WATER RECEIVED FROM OTHER RIGHTS**

Total from Schedule E attached

0 ACRE - FEET

**PART IV WATER DELIVERED TO INDIV USERS**

From Schedule F1 or Schedule F2 attached

2.888 ACRE - FEET

**PART V TOTAL WATER USED BY THIS RIGHT**

Calculate as follows: Part I + Part III - Part II

2.888 ACRE - FEET

**PART VI LATE FEES**

Complete if filing after March 31. Note: A portion of a month after March 31 is counted as a full month.

1) Enter number of months late (Maximum of 6)

2) Calculate Late Report Fee (\$25.00 X number of months late)

3) Calculate Late Payment Fee (10% X number of months late X withdrawal fee calculated in Part I above)

**PART V II TOTAL FEES DUE**

Add amounts from Parts I and VI

\$ 8.66

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 1998. If hand delivered, the report must be received by the Department's Records Management Unit or local AMA office no later than 5:00 PM on March 31, 1998.

THIS REPORT MUST BE FILED EVEN IF NO WATER WAS USED PURSUANT TO THIS RIGHT.

REPORTS FILED AFTER MARCH 31, 1998 ARE SUBJECT TO LATE FEES (ARS § 45-632) AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS.

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X \_\_\_\_\_  
 AUTHORIZED SIGNATURE TITLE DATE

PRINTED NAME

TELEPHONE NUMBER

# ARIZONA DEPARTMENT OF WATER RESOURCES



Jane Dee Hull  
Governor

Rita P. Pearson  
Director

January 20, 1998

Dear Provider:

Enclosed are your Annual Water Withdrawal and Use Report forms for calendar year 1997. These forms are printed on the reverse side of this letter. This report is for service area right holders who have withdrawn groundwater from their own wells, who may have received water from others or may have delivered water to other right holders. The Department has preprinted certain information from our records onto these forms. Please pay particular attention to the schedules and worksheets. If any of the preprinted information is incorrect, please make the necessary changes. Please note that a separate annual report must be filed for each right you own. Separate checks should be enclosed to cover the fees associated with each right and the right number should be written on the check.

The Groundwater Code requires that each person who owns a right to withdraw groundwater in an **Active Management Area** must file an annual report, even if no groundwater was used. Persons who did not withdraw or use water during 1997 are required to return the forms with zeros in the appropriate blanks.

**Reports must be received by the Department or postmarked no later than March 31, 1998.**

The penalty for filing late is \$25.00 per month or part of month that the report is late up to \$150.00. In addition, if you withdrew groundwater, and did not pay the fee on time or did not pay the proper fee the penalty is 10% of the unpaid fee per month or part of a month that the fees are delinquent, up to a maximum of 60% of the unpaid balance.

If your water right has been sold, then both the buyer and seller are responsible for notifying the Department of the conveyance. **The owner of the right as of December 31, 1997 is responsible for filing an annual report covering the entire calendar year.** Please contact your AMA office for conveyance forms and instructions.

We have tried to provide you with the proper forms according to information in our files. The law does specify, however, that failure to receive the proper forms does not relieve a person of the responsibility of keeping the required records or filing the required reports. You may want to keep a copy of this report for your records.

If you need help or have questions, contact your AMA office listed at the top of the Summary page of the report.

Sincerely,

Jim Holway

Assistant Director  
Groundwater Management Division



# SCHEDULE A

## REPORT OF GROUNDWATER WITHDRAWALS

ARIZONA DEPARTMENT OF WATER RESOURCES

### INSTRUCTIONS

If any information pre-printed on this form is incorrect, please make the needed corrections. For that information not already preprinted on this form, please follow the directions below.

Enter owner name and groundwater right number, if not already shown, in

Enter DWR well registration number and location of each well, if not already shown, in

Enter power company name, account number and meter number, if not already shown, in

Enter device type used to measure withdrawals, if not already shown, in  (see list below)

If energy meter serves uses other than the well, indicate "Y" in ; if energy meter does not serve other uses (meter is dedicated to the well) indicate "N" in

Enter energy consumed by well and units of measure from appropriate worksheet in

If device types 2 through 6 are used, indicate the average discharge and divider or total hours from the appropriate worksheet in  and

Enter total acre-feet of groundwater withdrawn for each well, as calculated on attached worksheets, in

Enter grand total acre-feet withdrawn in  and in Part I of the Summary Page.

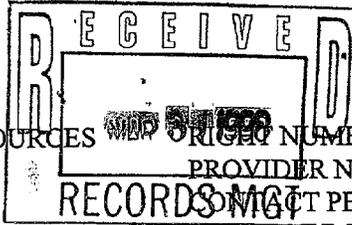
DEVICE  
TYPE

1. Pumpage measured by meter or other totalizer/recorder devices(use worksheet W-1)
2. Pipeflow with pumpage calculated using electrical energy records(use worksheet W-2)
3. Pipeflow with pumpage calculated using natural gas energy records(use worksheet W-3)
4. Open channel flow with pumpage calculated using electrical energy records(use worksheet W-4)
5. Open channel flow with pumpagecalculated using natural gas energy records(use worksheet W-5)
6. Pumpage calculated using hour meters (use worksheet W-6)

#### MEASURING DEVICE MALFUNCTION

Pursuant to A.A.C. R12-15-906, a measuring device that fails to perform for more than seventy two (72) hours must be reported to the Department of Water Resources within seven (7) calendar days after the discovery of the malfunction. Corrective action must be taken within 30 days, and estimates of withdrawals made during the period the device was out of service must be provided. A measuring Device Malfunction Report is available on request.

NOTE: A WORKSHEET MUST BE ATTACHED FOR EACH WELL FROM WHICH WATER WAS WITHDRAWN.



ARIZONA DEPARTMENT OF WATER RESOURCES  
1997 ANNUAL WATER USE REPORT  
SCHEDULE F-1  
SMALL WATER PROVIDER

PROJECT NUMBER: 56-000 335.0000  
PROVIDER NAME: LDS Church FARM  
CONTACT PERSON: BEAD OR DAN BOST  
PHONE NUMBER: 682-7135 OR 682-4410

Pursuant to Section 5-113 of the Second Management Plan (SMP) for the Tucson Active Management Area, small municipal water providers (those that supply 250 acre-feet/year or less) are required to supply the following information. Please contact the Tucson AMA at 770-3800 if assistance is needed.

PART 1 - DELIVERIES TO USE GROUPS

Please indicate the total quantity of water delivered (both metered and unmetered) to each of the following user groups for 1997.

a. Residential - include all uses of water related to service of residences (housing units) including both interior and exterior water use. This should include deliveries to multi-family housing complexes through master meters.

Metered \_\_\_\_\_ acre-feet  
Unmetered 2,888 acre-feet  
Total 2,888 acre-feet

b. Non-residential - include all water delivered for purposes other than residential, including turf-related facilities (item d below). Do not include effluent or deliveries to irrigation rights or other service area rights.

Metered \_\_\_\_\_ acre-feet  
Unmetered \_\_\_\_\_ acre-feet  
Total 0 acre-feet

c. Total deliveries (add amounts in a and b above) 2,888 acre-feet

d. Turf-related facilities - include all non-effluent water delivered to facilities with ten or more acres of turf. These deliveries should be included in non-residential use (item b above). Please note that a Schedule G-2 must also be submitted for each turf-related facility receiving water from your system in 1997.

0 acre-feet

e. Total effluent deliveries (not included in GPCD or lost water calculations) 0 acre-feet

Unmetered deliveries must be calculated using a generally accepted method of estimating water use. Explain below how any unmetered deliveries were calculated:

Total acft X 328,851 = Total Gallons ÷ # of Households x Person/household ÷ 365-gpcd

(OVER)

1997 Schedule F-1, Page 2

Right #56-000 335,0000

Provider Name: A.D.S Church FARM

PART 2 - LOST AND UNACCOUNTED FOR WATER

Lost and unaccounted for water is calculated by subtracting total deliveries from total water used. Effluent and deliveries to irrigation rights or other service areas are not included in the calculation.

a) Total quantity of water used (from Part V of the Annual Report Provider Summary): 2,888 acre-feet

b) Total metered and unmetered deliveries (Part 1c above): 2,888 acre-feet

c) Lost and unaccounted for water (subtract Part 2b from 2a above): 0 acre-feet

d) Percent of lost and unaccounted for water:

$$\frac{\text{lost and unaccounted for water (Part 2c)}}{\text{total used (Part 2a)}} \text{ AF} \div \text{AF} \times 100 = \text{Percent}$$

PART 3 - HOUSING UNITS SERVED

A housing unit means a group of rooms or a single room occupied as separate living quarters. Housing unit includes a single family home, a patio home, a townhouse, a condominium, an apartment, a permanently setup mobile home or a unit in a multifamily complex. Housing unit does not include a mobile home in an overnight or limited stay mobile home park or a unit in a campground, motel, hotel, or other temporary lodging facility.

a) "Single family housing unit" means a detached dwelling, including permanently setup mobile homes not in mobile home parks.

Indicate net change in single family housing units (*not service connections*) in your service area between July 1, 1996 and July 1, 1997:

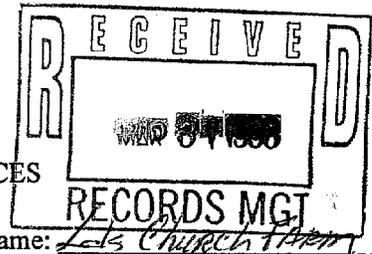
0 units

b) "Multifamily housing unit" means a mobile home in a mobile home park and any permanent housing unit having one or more common walls with another housing unit located in a multifamily residential structure, and includes a unit in a duplex, triplex, fourplex, condominium development, townhome development or apartment complex.

Indicate net change in multifamily housing units (*not service connections*) in your service area between July 1, 1996 and July 1, 1997:

0 units

ARIZONA DEPARTMENT OF WATER RESOURCES



1997 SERVICE AREA MAP UPDATE

Provider Name: Lets Church Farm

Provider Number: 56-000335.0000

According to A.R.S. 45-498 of the Arizona Groundwater Management Act, each city, town, private water company and irrigation district within an Active Management Area is required to maintain an accurate and current map delineating its service area and water distribution system.

If your service area boundaries or operating distribution system have not changed since January 1, 1997, indicate this below. If your service area boundaries or operating distribution system have changed since January 1, 1997, indicate this below and submit two copies of your revised service area map with your 1997 Annual Water withdrawal and Use Report no later than March 31, 1997. A duplicate copy of the service area map submitted to the Department shall be kept on file at your office.

Maps must be drawn to a scale of 1:31680 (2 inches to the mile) or larger and must contain all of the elements listed below:

1. The principal features of the operating distribution system including wells, water treatment plants, pumping stations, reservoirs and storage tanks, canals and water mains of a diameter greater than or equal to four (4) inches.
2. The diameter and linear miles of the mains and the capacity of other features of the operating distribution system.
3. The location and names of major streets which carry traffic through and around the service area.
4. Notations of the legal description of the area covered by the service area map. Such notations should include on the borders of the map the township(s) and range(s) covered by the map. Within the body of the map indicate the section(s) covered by the map.
5. Each map must be dated and signed by an authorized representative.

Service area boundaries and operating distribution system have not changed since January 1, 1997.

Service area boundaries or operating distribution system have changed since January 1, 1997. (Two copies of the revised map must be submitted with your annual report.)

\_\_\_\_\_  
Name (please print)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature/Date

\_\_\_\_\_  
Phone

**\*\*PLEASE ENCLOSE THIS SHEET WITH YOUR ANNUAL REPORT\*\***

# WORKSHEET W-2 1997

**1** DWR WELL REGISTRATION NO. 55-642033 LOCATION SW NW NE 3 11s 10E

**2** TYPE OF MEASURING DEVICE Annubar Eagle Eye MAKE Dieterich Standard  
 MODEL ANR 75 C-9810 SIZE 3.0"  
 INSTALLATION OR OVERHAUL DATE \_\_\_\_\_

**3** POWER CO. NAME TRICO ACCOUNT NO. 55407413 ELECTRIC METER NO. 58992516

**4** Kr 10 Kh 144

**5** FACTOR A = 144 = Kr x Kh **6** INSIDE DIAMETER 3.548 (inches)

Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
<u>6-28-97</u>	<u>9.6</u>	<u>163</u>	<u>50.48</u>
<u>12-31-97</u>	<u>9.6</u>	<u>163</u>	<u>52.4</u>
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		<b>TOTALS</b> <u>326</u>	<u>102.88</u>

**8** AVERAGE DISCHARGE 163 FACTOR B **9** AVERAGE SECONDS 51.44 FACTOR C

**10** DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C} =$  335.771

**11** ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS 970

**12** GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}} =$  2.888 ACRE FEET

# GROUNDWATER RIGHT/PERMIT NO. 56-000335.0000

**1** DWR WELL REGISTRATION NO. \_\_\_\_\_ LOCATION \_\_\_\_\_

**2** TYPE OF MEASURING DEVICE \_\_\_\_\_ MAKE \_\_\_\_\_  
 MODEL \_\_\_\_\_ SIZE \_\_\_\_\_  
 INSTALLATION OR OVERHAUL DATE \_\_\_\_\_

**3** POWER CO. NAME \_\_\_\_\_ ACCOUNT NO. \_\_\_\_\_ ELECTRIC METER NO. \_\_\_\_\_

**4** Kr \_\_\_\_\_ Kh \_\_\_\_\_

**5** FACTOR A = \_\_\_\_\_ = Kr x Kh **6** INSIDE DIAMETER \_\_\_\_\_ (inches)

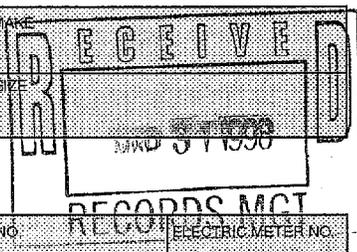
Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		<b>TOTALS</b> _____	_____

**8** AVERAGE DISCHARGE \_\_\_\_\_ FACTOR B **9** AVERAGE SECONDS \_\_\_\_\_ FACTOR C

**10** DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C} =$  \_\_\_\_\_

**11** ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS \_\_\_\_\_

**12** GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}} =$  \_\_\_\_\_ ACRE FEET



THE INFORMATION CONTAINED IN THIS REPORT WAS PROVIDED AND COMPLETED BY THE CUSTOMER OR THEIR ENERGY SUPPLIER

**1** DWR WELL REGISTRATION NO. \_\_\_\_\_ LOCATION \_\_\_\_\_

**2** TYPE OF MEASURING DEVICE \_\_\_\_\_ MAKE \_\_\_\_\_  
 MODEL \_\_\_\_\_ SIZE \_\_\_\_\_  
 INSTALLATION OR OVERHAUL DATE \_\_\_\_\_

**3** POWER CO. NAME \_\_\_\_\_ ACCOUNT NO. \_\_\_\_\_ ELECTRIC METER NO. \_\_\_\_\_

**4** Kr \_\_\_\_\_ Kh \_\_\_\_\_

**5** FACTOR A = \_\_\_\_\_ = Kr x Kh **6** INSIDE DIAMETER \_\_\_\_\_ (inches)

Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		<b>TOTALS</b> _____	_____

**8** AVERAGE DISCHARGE \_\_\_\_\_ FACTOR B **9** AVERAGE SECONDS \_\_\_\_\_ FACTOR C

**10** DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C} =$  \_\_\_\_\_

**11** ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS \_\_\_\_\_

**12** GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}} =$  \_\_\_\_\_ ACRE FEET

**1** DWR WELL REGISTRATION NO. \_\_\_\_\_ LOCATION \_\_\_\_\_

**2** TYPE OF MEASURING DEVICE \_\_\_\_\_ MAKE \_\_\_\_\_  
 MODEL \_\_\_\_\_ SIZE \_\_\_\_\_  
 INSTALLATION OR OVERHAUL DATE \_\_\_\_\_

**3** POWER CO. NAME \_\_\_\_\_ ACCOUNT NO. \_\_\_\_\_ ELECTRIC METER NO. \_\_\_\_\_

**4** Kr \_\_\_\_\_ Kh \_\_\_\_\_

**5** FACTOR A = \_\_\_\_\_ = Kr x Kh **6** INSIDE DIAMETER \_\_\_\_\_ (inches)

Date of Measurement	Differential or Velocity Head (Specify Units)	Discharge (Gals/Min)	No. of Seconds for 10 Revs
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		<b>TOTALS</b> _____	_____

**8** AVERAGE DISCHARGE \_\_\_\_\_ FACTOR B **9** AVERAGE SECONDS \_\_\_\_\_ FACTOR C

**10** DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C} =$  \_\_\_\_\_

**11** ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS \_\_\_\_\_

**12** GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}} =$  \_\_\_\_\_ ACRE FEET

NOTE: This method cannot be used when energy meter serves other uses.

NOTE: If you are using one of the new digital power meters, call your local AMA office for further instructions.

## PIPE FLOW WITH PUMPAGE CALCULATED USING ELECTRICAL ENERGY RECORDS

### INSTRUCTIONS

1. Enter DWR Well Registration No. & Location in 1.
2. If the meter has been changed during the reporting year, enter type, make, model & size of measuring device used to measure discharge in 2. If the device is permanent, enter date installed or last overhauled.
3. Enter power company name, account number and meter number in 3.
4. Enter Kr and Kh from electric meter in 4.  
The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained," and the Kr is not used in computing Factor A (Kh=Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure.  
Kh is the disk constant and is located on the faceplate of the electric meter.
5. Compute Factor A by multiplying Kr by Kh in 5.
6. Enter the inside diameter of the well discharge pipe (inches) in 6.
7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement taken. A MINIMUM of TWO MEASUREMENTS IS REQUIRED. These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge. Enter in 7.
8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B. Enter in 8.
9. Repeat the same procedure for the number of seconds column to obtain the average seconds which is designated as Factor C. Enter in 9.
10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider. Enter in 10.
11. Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiplier" factor on your bill. Enter in 11.
12. Divide the total Energy Consumption entered in item 11 by the value computed in Item 10 to obtain the total groundwater withdrawn by the well. Enter in 12.

**ENTER THE FOLLOWING ON SCHEDULE A OR PART 1 OF SCHEDULE A-GSF**

WORKSHEET	SCHEDULE A
Item 1 ---	DWR Well Reg No. & Location in Col <span style="border: 1px solid black; padding: 0 5px;">2</span> if not already shown.
Item 3 ---	Power Co. Name, Acct. No. and Meter No. in Col <span style="border: 1px solid black; padding: 0 5px;">3</span> .
Item 8 ---	Average Discharge in Col <span style="border: 1px solid black; padding: 0 5px;">7</span> .
Item 10 ---	Divider in Col <span style="border: 1px solid black; padding: 0 5px;">8</span> .
Item 11 ---	Energy Consumption in Col <span style="border: 1px solid black; padding: 0 5px;">6</span> .
Item 12 ---	Groundwater withdrawn in Col <span style="border: 1px solid black; padding: 0 5px;">9</span> .

**THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A OR A-GSF.**

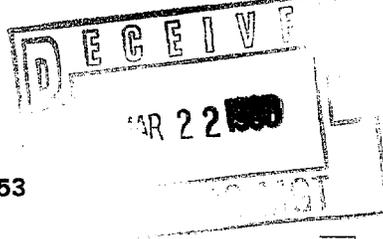
# 1995 ANNUAL WATER WITHDRAWAL AND USE REPORT - PROVIDER SUMMARY

INPUT

A 1  
F 1  
W2 1

OWNER OF GROUNDWATER RIGHT

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



TYPE OF RIGHT

SERVICE AREA

RIGHT/PERMIT NO.

56-000335.0000

16

REPORTING PARTY

56-000335.0000

TUCSON AMA

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



TUCSON AMA

(602) 628-6758

If any of the information preprinted on this report is incorrect, please make the necessary changes.

### PART I GROUNDWATER WITHDRAWN

From Box 10, Schedule A attached

Complete this section only if you operate a non-exempt well.

16.474 3.00 \$ 49.42

ACRE-FEET X Withdrawal Fee =

### PART II WATER DELIVERED TO OTHER RIGHTS

From Box 10, Schedule D attached

0 ACRE-FEET

### PART III WATER RECEIVED FROM OTHER RIGHTS

Total from Schedule E attached

0 ACRE-FEET

### PART IV WATER DELIVERED TO INDIV USERS

From Schedule F1 or Schedule F2 attached

16.474 ACRE-FEET

### PART V TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

16.474 ACRE-FEET

### PART VI LATE FEES

Complete if filing after March 31. Note: A portion of a month after March 31 is counted as a full month

- 1) Enter number of months late (Maximum of 6)
- 2) Calculate Late Report Fee (\$25.00 X number of months late)
- 3) Calculate Late Payment Fee (10% X number of months late X withdrawal fee calculated in Part I above)

### PART VII TOTAL FEES DUE

Add amounts from Parts I and VI \$ 49.42

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 1996. If hand delivered, the report must be received by the Department's Records Management Unit or local AMA office no later than 5:00 PM on March 31, 1996.

THIS REPORT MUST BE FILED EVEN IF NO WATER WAS USED PURSUANT TO THIS RIGHT.

REPORTS FILED AFTER MARCH 31, 1996 ARE SUBJECT TO LATE FEES (ARS § 45-632) AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS.

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X [Signature]  
AUTHORIZED SIGNATURE

TITLE

3-21-96  
DATE

PRINTED NAME

TELEPHONE NUMBER

# ARIZONA DEPARTMENT OF WATER RESOURCES



FIFE SYMINGTON  
Governor

RITA P. PEARSON  
Director

January 15, 1996

Dear Provider:

Enclosed are your Annual Water Withdrawal and Use Report forms for calendar year 1995. These forms are printed on the reverse side of this letter. This report is for service area right holders who withdraw groundwater from their own wells, who may receive water from others, and who may deliver water to other right holders or individual users. The Department has preprinted certain information from our records onto these forms. Please pay particular attention to schedules and worksheets. If any of the preprinted information is incorrect, please make the necessary changes. Please note that a separate annual report must be filed for each right you own or lease. Separate checks should be enclosed to cover the fees associated with each right and the right number should be written on the check.

The Groundwater Code requires that each person who owns a right to withdraw groundwater in an **Active Management Area** must file an annual report, even if no groundwater was used. Persons who did not withdraw water during 1995 are required to return the forms with zeros in the appropriate blanks.

**Since the deadline of March 31 occurs on a Sunday this year, reports received by the Department or postmarked no later than April 1, 1996 will be considered timely.** The penalty for filing late is \$25.00 per month or part of a month that the report is late up to \$150.00. In addition, if you withdrew groundwater, and did not pay the fee on time or did not pay the proper fee, the penalty is 10% of the unpaid fee per month or part of a month that the fees are delinquent, up to a maximum of 60% of the unpaid balance.

If your water right has been sold, both the buyer and seller are responsible for notifying the Department of the conveyance. **The owner of the right as of December 31, 1995 is responsible for filing an annual report covering the entire calendar year.** Please contact your AMA office for conveyance forms and instructions.

We have tried to provide you with the proper forms according to information in our files. The law does specify, however, that failure to receive the proper forms does not relieve a person of the responsibility of keeping the required records or filing the required reports. You may want to copy this report for your records.

If you need help or have questions, contact your AMA office listed on the Summary page of your report.

Sincerely,

Herb Dishlip  
Assistant Director  
Statewide Water Planning &  
Legal Services Division



# SCHEDULE A

## REPORT OF GROUNDWATER WITHDRAWALS

ARIZONA DEPT. OF WATER RESOURCES

### INSTRUCTIONS

If any information pre-printed on this form is incorrect, please make the needed corrections. For that information not already preprinted on this form, please follow the directions below.

Enter owner name and groundwater right number, if not already shown, in

Enter DWR well registration number and location of each well, if not already shown, in

Enter power company name, account number and meter number, if not already shown, in

Enter device type used to measure withdrawals, if not already shown, in  (see list below).

If energy meter serves uses other than the well, indicate "Y" in ; if energy meter does not serve other uses (meter is dedicated to the well) indicate "N" in

Enter energy consumed by well and units of measure from appropriate worksheet in

If device types 2 through 6 are used, indicate the average discharge and divider or total hours from the appropriate worksheet in  and

Enter total acre-feet of groundwater withdrawn for each well, as calculated on attached worksheets, in

Enter grand total acre-feet withdrawn in  and in Part I of the Summary Page.

DEVICE  
TYPE

1. Pumpage measured by meter or other totalizer/recorder devices (use worksheet W-1)
2. Pipeflow with pumpage calculated using electrical energy records (use worksheet W-2)
3. Pipeflow with pumpage calculated using natural gas energy records (use worksheet W-3)
4. Open channel flow with pumpage calculated using electrical energy records (use worksheet W-4)
5. Open channel flow with pumpage calculated using natural gas energy records (use worksheet W-5)
6. Pumpage calculated using hour meters (use worksheet W-6)

### MEASURING DEVICE MALFUNCTION

Pursuant to A.C.R.R. R12-15-906, a measuring device that fails to perform for more than seventy two (72) hours must be reported to the Department of Water Resources within seven (7) calendar days after the discovery of the malfunction. Corrective action must be taken within 30 days, and estimates of withdrawals made during the period the device was out of service must be provided. A Measuring Device Malfunction Report is available on request.

**NOTE: A WORKSHEET MUST BE ATTACHED FOR EACH WELL FROM WHICH WATER WAS WITHDRAWN.**

# WORKSHEET W-2 1995

GROUNDWATER RIGHT/PERMIT NO. 56-000335.0000

1 DWR WELL REGISTRATION NO. 55-642033 LOCATION SW NW NE 3 1/4 10E

1 DWR WELL REGISTRATION NO. LOCATION

2 TYPE OF MEASURING DEVICE Annular Eagle Eye MAKE Dieterich Standard  
 MODEL AWR 75 (19810) SIZE 3.0"  
 INSTALLATION OR OVERHAUL DATE

2 TYPE OF MEASURING DEVICE MAKE  
 MODEL SIZE  
 INSTALLATION OR OVERHAUL DATE

3 POWER CO. NAME TRICO ACCOUNT NO. Own meter ELECTRIC METER NO. 58992516

3 POWER CO. NAME ACCOUNT NO. ELECTRIC METER NO.

4 Kr 1 Kh 14.4

4 Kr Kh

5 FACTOR A = 14.4 = Kr x Kh 6 INSIDE DIAMETER 3.548 (inches)

5 FACTOR A = INSIDE DIAMETER (inches)

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
<u>6-15-95</u>	<u>9.6"</u>	<u>163</u>	<u>49.75</u>
<u>12-28-95</u>	<u>9.7"</u>	<u>164</u>	<u>52.1</u>
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	<u>327</u> <u>101.85</u>

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE 163.5 FACTOR B 9 AVERAGE SECONDS 50.925 FACTOR C

8 AVERAGE DISCHARGE FACTOR B 9 AVERAGE SECONDS FACTOR C

10 DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C}$  = 338.112

10 DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C}$  =

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS 5570

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = 16.474 ACRE FEET

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = ACRE FEET

1 DWR WELL REGISTRATION NO. LOCATION

1 DWR WELL REGISTRATION NO. LOCATION

2 TYPE OF MEASURING DEVICE MAKE  
 MODEL SIZE  
 INSTALLATION OR OVERHAUL DATE

2 TYPE OF MEASURING DEVICE MAKE  
 MODEL SIZE  
 INSTALLATION OR OVERHAUL DATE

3 POWER CO. NAME ACCOUNT NO. ELECTRIC METER NO.

3 POWER CO. NAME ACCOUNT NO. ELECTRIC METER NO.

4 Kr Kh

4 Kr Kh

5 FACTOR A = = Kr x Kh 6 INSIDE DIAMETER (inches)

5 FACTOR A = INSIDE DIAMETER (inches)

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE FACTOR B 9 AVERAGE SECONDS FACTOR C

8 AVERAGE DISCHARGE FACTOR B 9 AVERAGE SECONDS FACTOR C

10 DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C}$  =

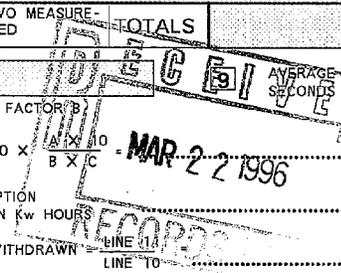
10 DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C}$  =

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = ACRE FEET

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = ACRE FEET



NOTE: This method cannot be used when energy meter serves other uses.

NOTE: If you are using one of the new digital power meters, call your local AMA office for further instructions.

**PIPE FLOW  
WITH PUMPAGE CALCULATED USING  
ELECTRICAL ENERGY RECORDS**

**INSTRUCTIONS**

1. Enter DWR Well Registration No. & Location in **[ 1 ]**.
2. If the meter has been changed during the reporting year, enter type, make, model & size of measuring device used to measure discharge in **[ 2 ]**. If the device is permanent, enter date installed or last overhauled.
3. Enter Power Co. Name & Account No. & Meter No. Enter in **[ 3 ]**.
4. Enter Kr & Kh from electric meter in **[ 4 ]**.  
 The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained", and the Kr is not used in computing Factor A (Kh=Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure.  
 Kh is the disk constant and is located on the faceplate of the electric meter.
5. Compute Factor A by multiplying Kr by Kh in **[ 5 ]**.
6. Enter the inside diameter of the well discharge pipe (inches). Enter in **[ 6 ]**.
7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement taken. A MINIMUM OF TWO MEASUREMENTS IS REQUIRED. These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge. Enter in **[ 7 ]**.
8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B. Enter in **[ 8 ]**.
9. Repeat the same procedure for the no. of seconds column to obtain the average seconds which is designated as Factor C. Enter in **[ 9 ]**.
10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider. Enter in **[ 10 ]**.
11. Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiply" factor on your bill. Enter in **[ 11 ]**.
12. Divide the total Energy Consumption entered in item 11 by the value computed in Item 10 to obtain the total groundwater withdrawn by the well. Enter in **[ 12 ]**.

**ENTER THE FOLLOWING ON SCHEDULE A OR PART I OF SCHEDULE A-ISR**

**WORKSHEET    SCHEDULE A**

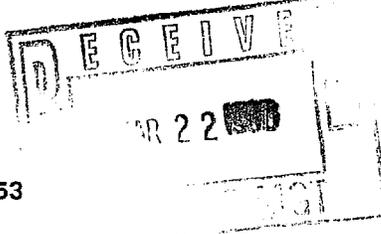
- Item 1 — DWR Well Reg No. & Location in Col **[ 2 ]** if not already shown.
- Item 3 — Power Co. Name, Acct. No. and Meter No. in Col **[ 3 ]**.
- Item 8 — Average Discharge in Col **[ 7 ]**.
- Item 10 — Divider in Col **[ 8 ]**.
- Item 11 — Energy Consumption in Col **[ 6 ]**.
- Item 12 — Groundwater withdrawn in Col **[ 9 ]**.

# 1995 ANNUAL WATER WITHDRAWAL AND USE REPORT - PROVIDER SUMMARY

A 1  
F 1  
W2 1

OWNER OF GROUNDWATER RIGHT

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



TYPE OF RIGHT

SERVICE AREA

RIGHT/PERMIT NO.

56-000335.0000

16

REPORTING PARTY

56-000335.0000

TUCSON AMA

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



TUCSON AMA

(602) 628-6758

If any of the information preprinted on this report is incorrect, please make the necessary changes.

### PART I GROUNDWATER WITHDRAWN

From Box 10, Schedule A attached

Complete this section only if you operate a non-exempt well.

16.474 3.00 \$ 49.42

ACRE-FEET X Withdrawal Fee =

### PART II WATER DELIVERED TO OTHER RIGHTS

From Box 10, Schedule D attached

0 ACRE-FEET

### PART III WATER RECEIVED FROM OTHER RIGHTS

Total from Schedule E attached

0 ACRE-FEET

### PART IV WATER DELIVERED TO INDIV. USERS

From Schedule F1 or Schedule F2 attached

16.474 ACRE-FEET

### PART V TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

16.474 ACRE-FEET

### PART VI LATE FEES

Complete if filing after March 31. Note: A portion of a month after March 31 is counted as a full month

1) Enter number of months late (Maximum of 6)

2) Calculate Late Report Fee (\$25.00 X number of months late)

3) Calculate Late Payment Fee (10% X number of months late X withdrawal fee calculated in Part I above)

### PART VII TOTAL FEES DUE

Add amounts from Parts I and VI

\$ 49.42



**TUCSON-MARANA FARM**  
16501 NORTH TRICO ROAD 602-682-4410  
MARANA, AZ 85653

09-89

**ZIONS FIRST NATIONAL BANK**  
HEADQUARTERS OFFICE ONE MAIN STREET  
801-524-4718 S.L.C., UTAH 84130

1834

31-5/1240  
2

PAY NINE AND 42/100

DATE

AMOUNT

03-23-1996

\*\*\*\*\*49.42

TO THE ORDER OF DEPT. OF WATER RESOURCES  
15 SOUTH 15TH AVENUE  
PHOENIX AZ 85007

TUCSON-MARANA FARM

ARIZONA DEPARTMENT OF WATER RESOURCES

1995 SERVICE AREA MAP UPDATE

Provider Name: L.I.D.S. Church Farm

Provider Number: 56-000 335.0000

According to A.R.S. § 45-498 of the Arizona Groundwater Management Act, each city, town, private water company and irrigation district within an Active Management Area is required to maintain an accurate and current map delineating its service area and water distribution system.

If your service area boundaries or operating distribution system have not changed since January 1, 1995, indicate this below. If your service area boundaries or operating distribution system have changed since January 1, 1995, indicate this below and submit two copies of your revised service area map with your 1995 Annual Water Withdrawal and Use Report no later than March 31, 1996. A duplicate copy of the service area map submitted to the Department shall be kept on file at your offices.

Maps must be drawn at a scale of 1:31,680 (2 inches to the mile) or larger and must contain all of the elements listed below:

1. The principal features of the operating distribution system including wells, water treatment plants, pumping stations, reservoirs and storage tanks, canals and water mains of a diameter greater than or equal to four (4) inches.
2. The diameter and linear miles of the mains and the capacity of other features of the operating distribution system.
3. The location and names of major streets which carry traffic through and around the service area.
4. Notations of the legal description of the area covered by the service area map. Such notations should include on the borders of the map the townships and ranges covered by the map. Within the body of the map indicate the sections covered by the map.
5. Each map must be signed and dated by an authorized representative.

Service area boundaries and operating distribution system have not changed since January 1, 1995.

Service area boundaries or operating distribution system have changed since January 1, 1995.  
(Two copies of the revised map must be submitted with your annual report.)

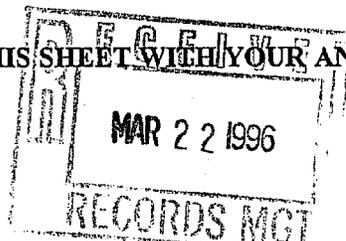
David West  
Name (please print)

3-21-96  
Signature/Date

Manager  
Title

682-4410  
Phone

\*\* PLEASE ENCLOSE THIS SHEET WITH YOUR ANNUAL REPORT. \*\*



1995 Schedule F-1, Page 2  
Right #56- 000335.0000  
Sm Provider Name Church Farm

**PART 2 - LOST AND UNACCOUNTED FOR WATER**

Lost and unaccounted for water is calculated by subtracting total deliveries from total water used. Effluent and deliveries to irrigation rights or other service area rights are not included in the calculation.

- a) Total quantity of water used (from Part V of the Annual Report Provider Summary): 16.474 acre-feet
- b) Total metered and unmetered deliveries (Part 1c above): 16.474 acre-feet
- c) Lost and unaccounted for water (subtract Part 2b from 2a above): 0 acre-feet
- d) Percent of lost and unaccounted for water:

$$\frac{\text{lost and unaccounted for water (Part 2c)}}{\text{AF}} \div \frac{\text{total used (Part 2a)}}{\text{AF}} \times 100 = \text{Percent}$$

**PART 3 - HOUSING UNITS SERVED**

A housing unit means a group of rooms or a single room occupied as separate living quarters. Housing unit includes a single family home, a patio home, a townhouse, a condominium, an apartment, a permanently setup mobile home or a unit in a multifamily complex. Housing unit does not include a mobile home in an overnight or limited-stay mobile home park or a unit in a campground, motel, hotel, or other temporary lodging facility.

a) "Single family housing unit" means a detached dwelling, including permanently setup mobile homes not in mobile home parks.

Indicate net change in single family housing units (not service connections) in your service area between July 1, 1994 and July 1, 1995: 0 units

b) "Multifamily housing unit" means a mobile home in a mobile home park and any permanent housing unit having one or more common walls with another housing unit located in a multifamily residential structure, and includes a unit in a duplex, triplex, fourplex, condominium development, townhome development or apartment complex.

Indicate net change in multifamily housing units (not service connections) in your service area between July 1, 1994 and July 1, 1995: 1 units



ARIZONA DEPARTMENT OF WATER RESOURCES  
 1995 ANNUAL WATER USE REPORT  
 SCHEDULE F-1  
 SMALL WATER PROVIDER

RIGHT NUMBER: 56-000 335,000  
 PROVIDER NAME: L.D.S. Church Farm  
 CONTACT PERSON: BRAD OR DAN  
 PHONE NUMBER: 682-7135 682-4410

Pursuant to Section 5-113 of the Second Management Plan (SMP) for the Tucson Active Management Area, small municipal water providers (those that supply 250 acre-feet/year or less) are required to supply the following information. Please contact the Tucson AMA at 628-6758 if assistance is needed.

PART 1 - DELIVERIES TO USER GROUPS

Please indicate the total quantity of water delivered (both metered and unmetered) to each of the following user groups for 1995.

a. Residential - include all uses of water related to service of residences (housing units) including both interior and exterior water uses. This should include deliveries to multi-family housing developments through master meters.

Metered \_\_\_\_\_ acre-feet  
 Unmetered 6 acre-feet  
 Total 6 acre-feet

b. Non-residential - include all water delivered for purposes other than residential, including turf-related facilities (item d below). Do not include effluent or deliveries to irrigation rights or other service area rights.

Metered 10.474 acre-feet Livestock Feedpens.  
 Unmetered \_\_\_\_\_ acre-feet  
 Total 10.474 acre-feet

c. Total deliveries (add amounts in a and b above) 16.474 acre-feet

d. Turf-related facilities - include all water delivered to facilities with ten or more acres of turf. These deliveries should be included in non-residential use (item b above). Please note that a Schedule G-2 must be submitted for each turf-related facility receiving water from your system in 1995.

0 acre-feet

e. Total effluent deliveries (not included in per-capita or lost water calculations) 0 acre-feet

Unmetered deliveries must be calculated using a generally accepted method of estimating water use. Explain below how any unmetered deliveries were calculated:

TOTAL ACFT USED x 325,851 gal = Total Gallons Used  
# of household x Persons per household x 3.56 days = gpcd  
Livestock Used 10.474 acft Metered

(OVER)

ARIZONA DEPARTMENT OF WATER RESOURCES  
**1994 ANNUAL WATER WITHDRAWAL  
 AND USE REPORT - PROVIDER SUMMARY**

500 NORTH THIRD STREET  
 PHOENIX, AZ 85004-3903

INPUT  
 A 1  
 F 1  
 W2 1

OWNER OF GROUNDWATER RIGHT

TYPE OF RIGHT

L D S CHURCH  
 C/O DANIEL K. POST  
 16501 N. TRICO RD.  
 MARANA AZ 85653

SERVICE AREA

RIGHT/PERMIT NO.  
 56-000335.0000

16

INPUT

REPORTING PARTY  
 56-000335.0000 TUCSON AMA  
 L D S CHURCH  
 C/O DANIEL K. POST  
 16501 N. TRICO RD.  
 MARANA AZ 85653



TUCSON AMA (602) 628-6758

If any of the information preprinted on this report is incorrect, please make the necessary changes.

**PART I GROUNDWATER WITHDRAWN**

From Box 10, Schedule A attached  
 Complete this section only if you operate a non-exempt well.  
 6.157 3.00 \$18.45  
 ACRE-FEET X Withdrawal Fee =

**PART II WATER DELIVERED TO OTHER RIGHTS**

From Box 10, Schedule D attached  
 0 ACRE-FEET

**PART III WATER RECEIVED FROM OTHER RIGHTS**

Total from Schedule E attached  
 0 ACRE-FEET

**PART IV WATER DELIVERED TO INDIV USERS**

From Schedule F1 or Schedule F2 attached  
 6.157 ACRE-FEET

**PART V TOTAL WATER USED BY THIS RIGHT**

Calculate as follows: Part I + Part III - Part II  
 RECEIVED  
 6.157 ACRE-FEET MAY 3 U 1995

**PART VI LATE FEES**

Complete if filing after March 31. Note: A portion of a month after March 31 is counted as a full month  
 1) Enter number of months late (Maximum of 6)  
 2) Calculate Late Report Fee (\$25.00 X number of months late)  
 3) Calculate Late Payment Fee (10% X number of months late X withdrawal fee calculated in Part I above)

**PART VII TOTAL FEES DUE**

Add amounts from Parts I and VI  
 \$18.45

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 1995. If hand delivered, the report must be received by the Department's Operation Division or local AMA office no later than 5:00 PM on March 31, 1995.

THIS REPORT MUST BE FILED EVEN IF NO WATER WAS USED PURSUANT TO THIS RIGHT.

REPORTS FILED AFTER MARCH 31, 1995 ARE SUBJECT TO LATE FEES AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS. (ARS § 45-632.L)

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X Daniel K. Post Mgr 3-24-95  
 AUTHORIZED SIGNATURE TITLE DATE  
Daniel K. Post 682 4410  
 PRINTED NAME TELEPHONE NUMBER

# ARIZONA DEPARTMENT OF WATER RESOURCES

15 South 15th Avenue, Phoenix, Arizona 85007



FIFE SYMINGTON  
Governor

RITA P. PEARSON  
Director

January 15, 1995

Dear Groundwater Right Owner:

Enclosed are your Annual Water Withdrawal and Use Report forms for calendar year 1994. These forms are printed on the reverse side of this letter. This report is for service area right holders and irrigation districts who withdraw groundwater from their own wells, who may receive water from others, and who may deliver water to other right holders or individual users. The Department has preprinted certain information from our records onto these forms. Please pay particular attention to schedules and worksheets. If any of the preprinted information is incorrect, please make the necessary changes. Please note that a separate annual report must be filed for each right you own or lease. Separate checks should be enclosed to cover the fees associated with each right and the right number should be written on the check.

The Groundwater Code requires that each person who owns a right to withdraw groundwater in an **Active Management Area** must file an annual report, even if no groundwater was used. Persons who did not withdraw water during 1994 are required to return the forms with zeros in the appropriate blanks.

**Reports must be received by the Department or postmarked no later than March 31, 1995.** The penalty for filing late is \$25.00 per month or part of a month that the report is late up to \$150.00. In addition, if you withdrew groundwater, and did not pay the fee on time or did not pay the proper fee, the penalty is 10% of the unpaid fee per month or part of a month that the fees are delinquent, up to a maximum of 60% of the unpaid balance.

If your water right has been sold, both the buyer and seller are responsible for notifying the Department of the conveyance. **The owner of the right as of December 31, 1994 is responsible for filing an annual report covering the entire calendar year.** Please contact your AMA office for conveyance forms and instructions.

We have tried to provide you with the proper forms according to information in our files. The law does specify, however, that failure to receive the proper forms does not relieve a person of the responsibility of keeping the required records or filing the required reports. You may want to copy this report for your records.

If you need help or have questions, contact your AMA office listed on the Summary page of your report.

Sincerely,

Herb Dishlip  
Deputy Director  
Water Management



# SCHEDULE A

## REPORT OF GROUNDWATER WITHDRAWALS

ARIZONA DEPT. OF WATER RESOURCES

### INSTRUCTIONS

If any information pre-printed on this form is incorrect, please make the needed corrections. For that information not already preprinted on this form, please follow the directions below.

Enter owner name and groundwater right number, if not already shown, in

Enter DWR well registration number and location of each well, if not already shown, in

Enter power company name, account number and meter number, if not already shown, in

Enter device type used to measure withdrawals, if not already shown, in  (see list below).

If energy meter serves uses other than the well, indicate "Y" in ; if energy meter does not serve other uses (meter is dedicated to the well) indicate "N" in

Enter energy consumed by well and units of measure from appropriate worksheet in

If device types 2 through 6 are used, indicate the average discharge and divider or total hours from the appropriate worksheet in  and

Enter total acre-feet of groundwater withdrawn for each well, as calculated on attached worksheets, in

Enter grand total acre-feet withdrawn in  and in Part I of the Summary Page.

DEVICE  
TYPE

1. Pumpage measured by meter or other totalizer/recorder devices (use worksheet W-1)
2. Pipeflow with pumpage calculated using electrical energy records (use worksheet W-2)
3. Pipeflow with pumpage calculated using natural gas energy records (use worksheet W-3)
4. Open channel flow with pumpage calculated using electrical energy records (use worksheet W-4)
5. Open channel flow with pumpage calculated using natural gas energy records (use worksheet W-5)
6. Pumpage calculated using hour meters (use worksheet W-6)

#### MEASURING DEVICE MALFUNCTION

Pursuant to A.C.R.R. R12-15-905, a measuring device that fails to perform for more than seventy two (72) hours must be reported to the Department of Water Resources within seven (7) calendar days after the discovery of the malfunction. Corrective action must be taken within 30 days, and estimates of withdrawals made during the period the device was out of service must be provided. A Measuring Device Malfunction Report is available on request.

**NOTE: A WORKSHEET MUST BE ATTACHED FOR EACH WELL FROM WHICH WATER WAS WITHDRAWN.**

# WORKSHEET W-2 1994

GROUNDWATER RIGHT/PERMIT NO. 56-000335.0000

1 DWR WELL REGISTRATION NO. 55-642033

10	40	160	LOCATION		
Q	Q	Q	Sec	Twn	Rng

SW NW NE 3, 11S 10E

1 DWR WELL REGISTRATION NO.

10	40	160	LOCATION		
Q	Q	Q	Sec	Twn	Rng

2 TYPE OF MEASURING DEVICE ANNULAR-EAGLE EYE MAKE Dieterich Standard

MODEL ANR75-C-9810 SIZE 3.0"

INSTALLATION OR OVERHAUL DATE

2 TYPE OF MEASURING DEVICE

MAKE

MODEL

SIZE

INSTALLATION OR OVERHAUL DATE

3 POWER CO. NAME TRICO ACCOUNT NO. Own meter ELECTRIC METER NO. 58 992 516

4 Kr 1 Kh 14.4 B-1003-1

3 POWER CO. NAME

ACCOUNT NO.

ELECTRIC METER NO.

4 Kr

Kh

5 FACTOR A = 14.4 = Kr x Kh 6 INSIDE DIAMETER 3.548 (inches)

5 FACTOR A =

6 INSIDE DIAMETER

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
<u>6-17-94</u>	<u>9.6"</u>	<u>163</u>	<u>49.75</u>
<u>11-17-94</u>	<u>9.7"</u>	<u>164</u>	<u>52.1</u>
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	
		<u>327</u>	<u>106.85</u>

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE 163.5 FACTOR B 9 AVERAGE SECONDS 50.925 FACTOR C

8 AVERAGE DISCHARGE

9 AVERAGE SECONDS

10 DIVIDER = 19,550 x  $\frac{A \times 10}{B \times C}$  = 338.11

10 DIVIDER = 19,550 x  $\frac{A \times 10}{B \times C}$  =

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS 2080

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = 6.151 ACRE FEET

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = ACRE FEET

1 DWR WELL REGISTRATION NO.

10	40	160	LOCATION		
Q	Q	Q	Sec	Twn	Rng

1 DWR WELL REGISTRATION NO.

10	40	160	LOCATION		
Q	Q	Q	Sec	Twn	Rng

2 TYPE OF MEASURING DEVICE

MODEL

INSTALLATION OR OVERHAUL DATE

THE INFORMATION CONTAINED IN THIS REPORT WAS PROVIDED AND COMPILED BY THE CUSTOMER OR THEIR ENERGY SUPPLIER.

2 TYPE OF MEASURING DEVICE

MAKE

MODEL

SIZE

INSTALLATION OR OVERHAUL DATE

3 POWER CO. NAME

ACCOUNT NO.

ELECTRIC METER NO.

3 POWER CO. NAME

ACCOUNT NO.

ELECTRIC METER NO.

4 Kr

Kh

4 Kr

Kh

5 FACTOR A =

6 INSIDE DIAMETER

5 FACTOR A =

6 INSIDE DIAMETER

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE

9 AVERAGE SECONDS

8 AVERAGE DISCHARGE

9 AVERAGE SECONDS

10 DIVIDER = 19,550 x  $\frac{A \times 10}{B \times C}$  =

10 DIVIDER = 19,550 x  $\frac{A \times 10}{B \times C}$  =

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = ACRE FEET

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = ACRE FEET

NOTE: This method cannot be used when energy meter serves other uses.

NOTE: If you are using one of the new digital power meters, call your local AMA office for further instructions.

**PIPE FLOW  
WITH PUMPAGE CALCULATED USING  
ELECTRICAL ENERGY RECORDS**

**INSTRUCTIONS**

1. Enter DWR Well Registration No. & Location in **1**.
2. Enter type, make, model & size of measuring device used to measure pipe flow in **2**.  
If measuring device is permanent, enter date installed or last overhauled.
3. Enter Power Co. Name & Account No. & Meter No. Enter in **3**.
4. Enter Kr & Kh from electric meter in **4**.  
The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained", and the Kr is not used in computing Factor A (Kh=Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure.  
Kh is the disk constant and is located on the faceplate of the electric meter.
5. Compute Factor A by multiplying Kr by Kh in **5**.
6. Enter the inside diameter of the well discharge pipe (inches). Enter in **6**.
7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement taken. A MINIMUM OF TWO MEASUREMENTS IS REQUIRED. These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge. Enter in **7**.
8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B. Enter in **8**.
9. Repeat the same procedure for the no. of seconds column to obtain the average seconds which is designated as Factor C. Enter in **9**.
10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider. Enter in **10**.
11. Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiply" factor on your bill. Enter in **11**.
12. Divide the total Energy Consumption entered in item 11 by the value computed in Item 10 to obtain the total groundwater withdrawn by the well. Enter in **12**.

**ENTER THE FOLLOWING ON SCHEDULE A OR PART I OF SCHEDULE A-ISR**

**WORKSHEET      SCHEDULE A**

- Item 1 — DWR Well Reg No. & Location in Col **2** if not already shown.
- Item 3 — Power Co. Name, Acct. No. and Meter No. in Col **3**.
- Item 8 — Average Discharge in Col **7**.
- Item 10 — Divider in Col **8**.
- Item 11 — Energy Consumption in Col **6**.
- Item 12 — Groundwater withdrawn in Col **9**.

**THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A OR A-ISR.**

# 1993 ANNUAL WATER WITHDRAWAL AND USE REPORT - PROVIDER SUMMARY



OWNER OF GROUNDWATER RIGHT

TYPE OF RIGHT

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653

SERVICE AREA

# INPUT

RIGHT/PERMIT NO.

56-000335.0000

REPORTING PARTY

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



TUCSON AMA (602) 628-6758

If any of the information preprinted on this report is incorrect, please make the necessary changes.

### PART I GROUNDWATER WITHDRAWN

From Box 10, Schedule A attached

Complete this section only if you operate a non-exempt well.

13.39      3.15      \$ 42.18  
ACRE-FEET      X      Withdrawal Fee =

### PART II WATER DELIVERED TO OTHER RIGHTS

From Box 10, Schedule D attached

0      ACRE-FEET

### PART III WATER RECEIVED FROM OTHER RIGHTS

Total from Schedule E attached

0      ACRE-FEET

### PART IV WATER DELIVERED TO INDIV USERS

From Schedule F1 or Schedule F2 attached

13.39      ACRE-FEET

### PART V TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

13.39      ACRE-FEET

### PART VI LATE FEES

Complete if filing after March 31. Note: A portion of a month after March 31 is counted as a full month

1) Enter number of months late          (maximum of 6)

2) Calculate Late Report Fee \_\_\_\_\_ \$ \_\_\_\_\_  
(25.00 X number of months late)

3) Calculate Late Payment Fee \_\_\_\_\_ \$ \_\_\_\_\_  
(10% X number of months late X withdrawal fee calculated in Part I above)

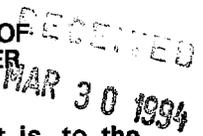
### PART VII TOTAL FEES DUE

Add amounts from Parts I and VI      \$ 42.18

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 1994. If hand delivered, the report must be received by the Department's Operation Division or local AMA office no later than 5:00 PM on March 31, 1994.

THIS REPORT MUST BE FILED EVEN IF NO WATER WAS USED PURSUANT TO THIS RIGHT.

REPORTS FILED AFTER MARCH 31, 1994 ARE SUBJECT TO LATE FEES AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS. (ARS § 45-632.L)



I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X Dan Post  
AUTHORIZED SIGNATURE  
DAN POST  
PRINTED NAME

Manager      3-29-94  
TITLE      DATE  
682 4410  
TELEPHONE NUMBER

# ARIZONA DEPARTMENT OF WATER RESOURCES

15 South 15th Avenue, Phoenix, Arizona 85007



FIFE SYMINGTON  
Governor

RITA P. PEARSON  
Director

January 15, 1994

Dear Groundwater Right Owner:

Enclosed are your Annual Water Withdrawal and Use Report forms for calendar year 1993. This report is for service area right holders and irrigation districts who withdraw groundwater from their own wells, who may receive water from others, and who may deliver water to other right holders or individual users. The Department has preprinted certain information from our records onto these forms. Please pay particular attention to schedules and worksheets. If any of the preprinted information is incorrect, please make the necessary changes. Please note that a separate annual report must be filed for each right you own or lease. Separate checks should be enclosed to cover the fees associated with each right and the right number should be written on the check.

The Groundwater Code requires that each person who owns a right to withdraw groundwater in an **Active Management Area** must file an annual report, even if no groundwater was used. Persons who did not withdraw water during 1993 are required to return the forms with zeros in the appropriate blanks.

**Reports must be received by the Department or postmarked no later than March 31, 1994.** The penalty for filing late is \$25.00 per month or part of a month that the report is late up to \$150.00. In addition, if you withdrew groundwater, and did not pay the fee on time or did not pay the proper fee, the penalty is 10% of the unpaid fee per month or part of a month that the fees are delinquent, up to a maximum of 60% of the unpaid balance.

If your water right has been sold, both the buyer and seller are responsible for notifying the Department of the conveyance. **The owner of the right as of December 31, 1993 is responsible for filing an annual report covering the entire calendar year.** Please contact your AMA office for conveyance forms and instructions.

We have tried to provide you with the proper forms according to information in our files. The law does specify, however, that failure to receive the proper forms does not relieve a person of the responsibility of keeping the required records or filing the required reports. You may want to copy this report for your records.

If you need help or have questions, contact your AMA office listed on the Summary page of your report.

Sincerely,

Herb Dishlip  
Deputy Director  
Water Management



# SCHEDULE A

## REPORT OF GROUNDWATER WITHDRAWALS

ARIZONA DEPT. OF WATER RESOURCES

### INSTRUCTIONS

If any information pre-printed on this form is incorrect, please make the needed corrections. For that information not already preprinted on this form, please follow the directions below.

Enter owner name and groundwater right number, if not already shown, in

Enter DWR well registration number and location of each well, if not already shown, in

Enter power company name, account number and meter number, if not already shown, in

Enter device type used to measure withdrawals, if not already shown, in  (see list below).

If energy meter serves uses other than the well, indicate "Y" in ; if energy meter does not serve other uses (meter is dedicated to the well) indicate "N" in

Enter energy consumed by well and units of measure from appropriate worksheet in

If device types 2 through 6 are used, indicate the average discharge and divider or total hours from the appropriate worksheet in  and

Enter total acre-feet of groundwater withdrawn for each well, as calculated on attached worksheets, in

Enter grand total acre-feet withdrawn in  and in Part I of the Summary Page.

DEVICE  
TYPE

1. Pumpage measured by meter or other totalizer/recorder devices (use worksheet W-1)
2. Pipeflow with pumpage calculated using electrical energy records (use worksheet W-2)
3. Pipeflow with pumpage calculated using natural gas energy records (use worksheet W-3)
4. Open channel flow with pumpage calculated using electrical energy records (use worksheet W-4)
5. Open channel flow with pumpage calculated using natural gas energy records (use worksheet W-5)
6. Pumpage calculated using hour meters (use worksheet W-6)

### MEASURING DEVICE MALFUNCTION

Pursuant to A.C.R.R. R12-15-905, a measuring device that fails to perform for more than seventy two (72) hours must be reported to the Department of Water Resources within seven (7) calendar days after the discovery of the malfunction. Corrective action must be taken within 30 days, and estimates of withdrawals made during the period the device was out of service must be provided. A Measuring Device Malfunction Report is available on request.

NOTE: A WORKSHEET MUST BE ATTACHED FOR EACH WELL FROM WHICH WATER WAS WITHDRAWN.

# WORKSHEET W-2 1993

1 DWR WELL REGISTRATION NO. <i>55-642033</i>	10	40	160	LOCATION		
	Q	Q	Q	Sec	Twn	Rng
<i>SW NW NE 3 11S 10E</i>						

2 TYPE OF MEASURING DEVICE <i>ANNUBAR-Eagle Eye</i>	MAKE <i>Dieterich Standard</i>
MODEL <i>AWR-73 C-9810</i>	SIZE <i>3"</i>
INSTALLATION OR OVERHAUL DATE	

3 POWER CO. NAME <i>TRico</i>	ACCOUNT NO. <i>own meter</i>	ELECTRIC METER NO. <i>58-992-516</i>
----------------------------------	---------------------------------	---

4 Kr <i>10.1</i>	Kh <i>14.4</i>
---------------------	-------------------

5 FACTOR A = *14.4* = Kr x Kh    6 INSIDE DIAMETER *3.048* (inches)

7 DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
<i>6-24-93</i>	<i>9.6"</i>	<i>163</i>	<i>50.12</i>
<i>9-25-93</i>	<i>9.6"</i>	<i>163</i>	<i>50</i>
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	<i>326 100.12</i>

8 AVERAGE DISCHARGE <i>163</i>	9 AVERAGE SECONDS <i>51.06</i>
FACTOR B	FACTOR C

10 DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C}$  = *338.25*

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS = *4530*

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = *13.39* ACRE FEET

# GROUNDWATER RIGHT/PERMIT NO. 56-000335.0000

1 DWR WELL REGISTRATION NO.	10	40	160	LOCATION		
	Q	Q	Q	Sec	Twn	Rng

2 TYPE OF MEASURING DEVICE	MAKE
MODEL	SIZE
INSTALLATION OR OVERHAUL DATE	

3 POWER CO. NAME	ACCOUNT NO.	ELECTRIC METER NO.
------------------	-------------	--------------------

4 Kr	Kh
------	----

5 FACTOR A =    = Kr x Kh    6 INSIDE DIAMETER    (inches)

7 DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE	9 AVERAGE SECONDS
FACTOR B	FACTOR C

10 DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C}$  =

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS =

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = ACRE FEET

1 DWR WELL REGISTRATION NO.	10	40	160	LOCATION		
	Q	Q	Q	Sec	Twn	Rng

2 TYPE OF MEASURING DEVICE	MAKE
MODEL	SIZE
INSTALLATION OR OVERHAUL DATE	

3 POWER CO. NAME	ACCOUNT NO.	ELECTRIC METER NO.
------------------	-------------	--------------------

4 Kr	Kh
------	----

5 FACTOR A =    = Kr x Kh    6 INSIDE DIAMETER    (inches)

7 DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE	9 AVERAGE SECONDS
FACTOR B	FACTOR C

10 DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C}$  =

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS =

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = ACRE FEET

1 DWR WELL REGISTRATION NO.	10	40	160	LOCATION		
	Q	Q	Q	Sec	Twn	Rng

2 TYPE OF MEASURING DEVICE	MAKE
MODEL	SIZE
INSTALLATION OR OVERHAUL DATE	

3 POWER CO. NAME	ACCOUNT NO.	ELECTRIC METER NO.
------------------	-------------	--------------------

4 Kr	Kh
------	----

5 FACTOR A =    = Kr x Kh    6 INSIDE DIAMETER    (inches)

7 DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE	9 AVERAGE SECONDS
FACTOR B	FACTOR C

10 DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C}$  =

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS =

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = ACRE FEET

# WORKSHEET W-2

ARIZONA DEPT. OF WATER RESOURCES

NOTE: This method cannot be used when energy meter serves other uses.

## PIPE FLOW WITH PUMPAGE CALCULATED USING ELECTRICAL ENERGY RECORDS

### INSTRUCTIONS

1. Enter DWR Well Registration No. & Location in [1].
2. Enter type, make, model & size of measuring device used to measure pipe flow in [2].  
If measuring device is permanent, enter date installed or last overhauled.
3. Enter Power Co. Name & Account No. & Meter No. Enter in [3].
4. Enter Kr & Kh from electric meter in [4].  
The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained", and the Kr is not used in computing Factor A (Kh=Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure.  
Kh is the disk constant and is located on the faceplate of the electric meter.
5. Compute Factor A by multiplying Kr by Kh in [5].
6. Enter the inside diameter of the well discharge pipe (inches). Enter in [6].
7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement taken. A MINIMUM OF TWO MEASUREMENTS IS REQUIRED. These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge. Enter in [7].
8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B. Enter in [8].
9. Repeat the same procedure for the no. of seconds column to obtain the average seconds which is designated as Factor C. Enter in [9].
10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider. Enter in [10].
11. Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiply" factor on your bill. Enter in [11].
12. Divide the total Energy Consumption entered in item 11 by the value computed in Item 10 to obtain the total groundwater withdrawn by the well. Enter in [12].

ENTER THE FOLLOWING ON SCHEDULE A OR PART I OF SCHEDULE A-ISR

#### WORKSHEET    SCHEDULE A

- Item 1 — DWR Well Reg No. & Location in Col [2] if not already shown.
- Item 3 — Power Co. Name, Acct. No. and Meter No. in Col [3].
- Item 8 — Average Discharge in Col [7].
- Item 10 — Divider in Col [8].
- Item 11 — Energy Consumption in Col [6].
- Item 12 — Groundwater withdrawn in Col [9].

THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A OR A-ISR.

ARIZONA DEPARTMENT OF WATER RESOURCES

CALENDAR YEAR 1993  
ANNUAL WATER USE REPORT  
SCHEDULE F-1  
SMALL WATER PROVIDERS

WATER PROVIDER NUMBER: 56-000 335  
PROVIDER NAME: LDS Church  
CONTACT PERSON: BRAD  
PHONE NUMBER: 682-7135

Pursuant to section 5-113 of the Second Management Plan for the Tucson Active Management Area, small water providers are required to supply the following information. Please contact the Tucson AMA at 628-6758 if assistance is needed.

PART 1 - HOUSING UNITS SERVED

A housing unit means a group of rooms or a single room occupied as separate living quarters. Housing unit includes a single family home, a patio home, a townhouse, a condominium, an apartment, a permanently setup mobile home or a unit in a multifamily complex. Housing unit does not include a mobile home in an overnight or limited-stay mobile home park or a unit in a campground, motel, hotel, or other temporary lodging facility. A housing unit may be occupied by a family, a family and unrelated persons living together, two or more unrelated persons living together, or by one person.

a) "Single family housing unit" means a detached dwelling, including permanently setup mobile homes not in mobile home parks.

Total single family housing units (not service connections) as of July 1, 1990 3 units  
Single family housing units (not service connections) as of July 1, 1992: 3 units  
Single family housing units (not service connections) added to your service area between July 1, 1992 and July 1, 1993: 0 units  
Total single family housing units (not service connections) as of July 1, 1993: 3 units

b) "Multifamily housing unit" means a mobile home in a mobile home park and any permanent housing unit having one or more common walls with another housing unit located in a multifamily residential structure, and includes a unit in a duplex, triplex, fourplex, condominium development, townhome development or apartment complex.

Total multifamily housing units (not service connections) as of July 1, 1990 0 units  
Multifamily housing units (not service connections) as of July 1, 1992: 0 units  
Multifamily housing units (not service connections) added to your service area between July 1, 1992 and July 1, 1993: 0 units  
Total multifamily housing units (not service connections) as of July 1, 1993: 0 units

**PART 2 - DELIVERIES TO USER GROUPS**

Please indicate the total quantity of water delivered (both metered and unmetered) to each of the following user groups for calendar year 1993.

Unmetered deliveries must be calculated using a generally accepted method of estimating water use. Explain below how any unmetered deliveries were calculated:

*Switzer used 10 Acft Metered. Housing - Domestic used  
Bal # of people/household x 3 = # of people; int. gallons ÷ by 365 = gpcd*

a. Residential - include all uses of water related to service of residences (housing units) including both interior and exterior water uses. This should include deliveries to multi-family housing developments through master meters.

Metered 10 acre-feet  
Unmetered 3.39 acre-feet  
Total 13.39 acre-feet

b. Non-residential - include all water delivered for purposes other than residential, including turf-related facilities (item d below). Do not include effluent deliveries, deliveries to irrigation rights or deliveries to other service areas.

Metered \_\_\_\_\_ acre-feet  
Unmetered \_\_\_\_\_ acre-feet  
Total 0 acre-feet

c. Total deliveries (add amounts in a and b above) 13.39 acre-feet

d. Turf-related facilities - include all water delivered to facilities with ten or more acres of turf. These deliveries should be included in non-residential use (item b above). Please note that a Schedule G-2 must be submitted for each turf-related facility receiving water from your system in 1993.

0 acre-feet

e. Total effluent deliveries (not included in per capita calculation) 0 acre-feet

**PART 3 - LOST AND UNACCOUNTED FOR WATER**

Lost and unaccounted for water is calculated by subtracting total deliveries from withdrawn and received water. Effluent and deliveries to irrigation rights or service area rights are not included in the calculation.

- a) Total quantity of water used (from Part V of the Annual Report Provider Summary): 13.39 acre-feet
- b) Total metered and unmetered deliveries (from Part 2c above): 13.39 acre-feet
- c) Lost and unaccounted for water (subtract Part 3b from 3a above): 0 acre-feet
- d) Percent of lost and unaccounted for water:

$$\frac{\text{lost and unaccounted for water (Part 3c)}}{\text{total used (Part 3a)}} \text{ AF} \div \text{AF} \times 100 = \text{Percent}$$

MAR 30 1994

RECEIVED  
MAR 30 1994

ARIZONA DEPARTMENT OF WATER RESOURCES

1993 SERVICE AREA MAP UPDATE

Provider Name: LDS Church

Provider Number: 56-000 335

According to A.R.S. § 45-498 of the Arizona Groundwater Management Act, each city, town, private water company and irrigation district within an Active Management Area is required to maintain an accurate and current map delineating its service area and water distribution system.

If your service area boundaries or operating distribution system have not changed since January 1, 1993, indicate this below. If your service area boundaries or operating distribution system have changed since January 1, 1993, indicate this below and submit two copies of your revised service area map with your 1993 Annual Water Withdrawal and Use Report no later than March 31, 1994. A duplicate copy of the service area map submitted to the Department shall be kept on file at your offices.

Maps must be drawn at a scale of 1:31,680 (2 inches to the mile) or larger and must contain all of the elements listed below:

1. The principal features of the operating distribution system including wells, water treatment plants, pumping stations, reservoirs and storage tanks, canals and water mains of a diameter greater than or equal to four (4) inches.
2. The diameter and linear miles of the mains and the capacity of other features of the operating distribution system.
3. The location and names of major streets which carry traffic through and around the service area.
4. Notations of the legal description of the area covered by the service area map. Such notations should include on the borders of the map the townships and ranges covered by the map. Within the body of the map indicate the sections covered by the map.
5. Each map must be signed and dated by an authorized representative.

Service area boundaries and operating distribution system have not changed since January 1, 1993.

Service area boundaries or operating distribution system have changed since January 1, 1993. (Two copies of the revised map must be submitted with your annual report.)

Name		Title
Signature/Date		Phone

*Please Complete*

**\*\* PLEASE ENCLOSE THIS SHEET WITH YOUR ANNUAL REPORT. \*\***

# 1991 ANNUAL WATER WITHDRAWAL AND USE REPORT SUMMARY PAGE

ARIZONA DEPARTMENT OF WATER RESOURCES

15 SOUTH 15th AVENUE  
PHOENIX, ARIZONA 85007  
602-542-1581

INPUT

DWR-AR-1-91

AMA TUCSON

## PART I GROUNDWATER WITHDRAWN

From Line 10, Schedule A attached

Complete this section only if you operate a non-exempt well. If not, go to Part III below.

2.93 ACRE-FEET x 2.90 Withdrawal Fee = \$ 8.50

## PART II WATER DELIVERED TO OTHER RIGHTS

From Line 9, Schedule D attached

0 ACRE-FEET

## PART III WATER RECEIVED FROM OTHER RIGHTS

From Line 8, Schedule E attached

0 ACRE-FEET

## PART IV TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

2.93 ACRE-FEET x Water Quality Assurance Fee = \$

## PART V LATE FEES

Complete if filing after March 31

1) Enter number of months late

Note: A portion of a month after March 31 is accounted for as a full month

2) Calculate Late Report Fee (\$25.00 x number of months late) \$

3) Calculate Late Payment Fee (10% per month of the withdrawal fee calculated in Part I above) \$

TOTAL FEES DUE (add amounts in this column) \$ 8.50

## GROUNDWATER RIGHT DESCRIPTION AND NUMBER

TYPE OF RIGHT

SERVICE AREA

RIGHT/PERMIT NO.

56-000335.0000

RECEIVED  
MAR 30 1992

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 1992. If hand delivered, the report must be received by the Department's Operation Division or local AMA office no later than 5:00 PM on March 31, 1992.

This report must be filed even if no water was used on this right.

REPORTS FILED AFTER MARCH 31, 1992 ARE SUBJECT TO LATE FEES AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS. (ARS §45-632K)

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X Daniel K Post Mgr 3-27-92

AUTHORIZED SIGNATURE

TITLE

DATE

Daniel K Post

682 4410

PRINTED NAME

TELEPHONE NUMBER

OWNER OF GROUNDWATER RIGHT

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653

REPORTING PARTY

56-000335.0000

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653

If any of the information preprinted on this report is incorrect, please make the necessary changes.

A( 1) E( 1) F( 1)  
W( 1)

ORIGINAL, RETURN TO ADWR



**WORKSHEET W-2**

**PIPE FLOW  
WITH PUMPAGE CALCULATED USING  
ELECTRICAL ENERGY RECORDS**

NOTE: This method cannot be used  
when energy meter  
serves other uses.  
DWR-AR-10-89

GROUNDWATER RIGHT/PERMIT NO.

56-000335,000

READ INSTRUCTIONS CAREFULLY

1. Enter DWR Well Registration No. & Location.

DWR WELL REGISTRATION NO. <u>55-642033</u>	LOCATION Q    Q    Q    Sec    Twn    Rng <u>SW NW NE 3 11S 10E</u>
---	---

2. Enter type, make, model & size of measuring device used to measure pipe flow. If measuring device is permanent, enter date installed or last overhauled.

TYPE OF MEASURING DEVICE <u>ANNUBAR Eagle Eye</u>	MAKE <u>Dietrich STANDARD</u>
MODEL <u>AWR-75 C-9810</u>	SIZE <u>3.5"</u>
INSTALLATION OR OVERHAUL DATE	

3. Enter Power Co. Name & Account No. & Meter No.

POWER CO. NAME <u>TRICO</u>	ACCOUNT NO. <u>OWN Meter</u>	ELECTRIC METER NO. <u>58-992-516</u>
--------------------------------	---------------------------------	---

4. Enter Kr & Kh from electric meter.

\* The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained," and the Kr is not used in computing Factor A (Kh = Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure.

The Kh is the disk constant and is located on faceplate of the electric meter.

Kr <u>10</u>	Kh <u>14.4</u>
-----------------	-------------------

5. Compute Factor A by multiplying Kr by Kh.

FACTOR A = 144 = Kr x Kh

6. Enter the inside diameter of the well discharge pipe (inches).

INSIDE DIAMETER 3.548 (inches)

7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement. **A MINIMUM OF TWO MEASUREMENTS IS REQUIRED.** These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge.

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals / Min)	NO. OF SECONDS FOR 10 REVS
<u>7-5-91</u>	<u>10.2"</u>	<u>168</u>	<u>53</u>
<u>10-1-91</u>	<u>10.2"</u>	<u>168</u>	<u>55</u>
<b>A MINIMUM OF TWO MEASUREMENTS IS REQUIRED</b>		<b>TOTALS</b>	
		<u>336</u>	<u>108</u>

8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B.

AVE. DISCHARGE 168  
FACTOR B

9. Repeat the same procedure for the no. of seconds column to obtain the average seconds which is designated as Factor C.

AVE. SECONDS 54  
FACTOR C

10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider.

DIVIDER = 19,550 x  $\frac{A \times 10}{B \times C}$  = 310.3

RECEIVED  
MAR 30 1992

11. Enter ending electric meter reading 4834 KWH.

12. Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiply by" factor on your bill.

ENERGY CONSUMPTION 910 Kw hrs  
FOR THE YEAR

THE INFORMATION CONTAINED IN THIS REPORT WAS PROVIDED AND COMPILED BY THE CUSTOMER OR THEIR ENERGY SUPPLIER.

13. Divide the total Energy Consumption entered in Item 12 by the value computed in Item 10 to obtain the total Groundwater Withdrawn by the well.

GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 12}}{\text{LINE 10}}$  = 2.93  
ACRE FEET

ENTER THE FOLLOWING ON SCHEDULE A.

- Item 1 - DWR Well Reg No. & Location in Col ②.
- Item 3 - Power Co. Name, Acct. No. and Meter No. in Col ③.
- Item 8 - Average Discharge in Col ⑧.
- Item 10 - Divider in Col ⑨.
- Item 12 - Energy Consumption in Col ⑫.
- Item 13 - Groundwater withdrawn in Col ⑬.

THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A  
ORIGINAL, RETURN TO ADWR

# SCHEDULE E

## WATER RECEIVED FROM OTHER SOURCES AMA - TUCSON

ARIZONA DEPT. OF  
WATER RESOURCES  
DWR-AR-6-91

**INSTRUCTIONS**  
**Irrigation Grandfathered Right Holders** - Use Part A for all water received from an irrigation district. Spill water will not be charged to your flexibility account. The amount of effluent and surface water charged to your flexibility account may differ from the amounts actually received. Contact DWR for more information.  
**Municipal Providers** - Use Part A for the water received from an irrigation district, including CAP water from an irrigation district. Use Part B for CAP water received from CAWCD or from another municipal provider. Spill water and effluent will not be used to determine compliance with your GPCD target.  
**Type 1 Rights** - Do not report sources other than groundwater. If you receive groundwater from a source other than an irrigation district, the amount of water received from each well must be reported.  
**Type 2 Rights and Groundwater Withdrawal Permits** - Do not report sources other than groundwater. The amount of groundwater received from each well must be reported. Any well used must be reported. Any well used must be listed on your Type 2 certificate or groundwater withdrawal permit.

GROUNDWATER RIGHT/PERMIT NO.  
56-000335.0000

OWNER  
L D S CHURCH

RECEIVED  
MAR 30 1992

### PART A - WATER RECEIVED FROM IRRIGATION DISTRICTS

PRIMARY DISTRICT	TYPE OF WATER		ACRE FEET RECEIVED
Provider no. 57 - _____	GROUNDWATER		
Name of irrigation district _____	SURFACE WATER	Decreed/Appropriative	
Your district user/account number _____		Normal Flow	
Number of acres eligible to receive surface water _____		Spillwater	
		CAP	
<b>SECONDARY DISTRICT</b>	<b>EFFLUENT</b>		
Provider no. 57 - _____	<b>GROUNDWATER</b>		
Name _____			

### PART B - WATER RECEIVED OR DIVERTED FROM SOURCES OTHER THAN IRRIGATION DISTRICTS

TYPE OF WATER	RIGHT NO. SUPPLYING WATER	DWR WELL NUMBER	HOW MEASURED OR ESTIMATED	ACRE FEET RECEIVED
GROUNDWATER		55-		
		55-		
		55-		
		55-		
		55-		
CAP				
DECREEED/APPROP. SURF. WTR				
EFFLUENT				
TAILWATER				

Total acre-feet of received and diverted water  
(add amounts from PARTS A and B)  
ENTER TOTAL ON PART III of Summary Page.

0

ORIGINAL, RETURN TO ADWR

PS Form 3811, July 1983

**SENDER: Complete items 1, 2, 3 and 4.**

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1.  Show to whom, date and address of delivery.

2.  Restricted Delivery.

3. **56 000335 0000**  
**L D S CHURCH**  
**16501 N TRICO RD**  
**MARANA AZ 85653**

4. Type of Service: Article Number

<input type="checkbox"/> Registered	<input type="checkbox"/> Insured	<i>P 852 689 904</i> <del>P 475 586 650</del>
<input checked="" type="checkbox"/> Certified	<input type="checkbox"/> COD	
<input type="checkbox"/> Express Mail		

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee  
*[Signature]*  
 X

6. Signature - Agent  
*[Signature]*  
 X

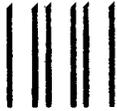
7. Date of Delivery  
*12/28/9*

8. Addressee's Address (*ONLY if requested and fee paid*)

DOMESTIC RETURN RECEIPT

**UNITED STATES POSTAL SERVICE**

**OFFICIAL BUSINESS**



PENALTY FOR PRIVATE  
USE, \$300

**SENDER INSTRUCTIONS**

Print your name, address, and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

**RETURN  
TO**



TUCSON ACTIVE MANAGEMENT AREA

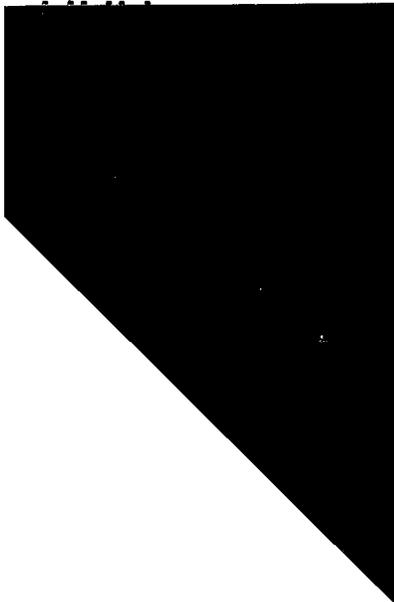
(Name of Sender)

310 South Meyer

(No. and Street, Apt., Suite, P.O. Box or R.D. No.)

Tucson, Arizona 85701

(City, State, and ZIP Code)



RETURN RECEIPT  
SMP NOTICING

# 1990 ANNUAL WATER WITHDRAWAL AND USE REPORT SUMMARY PAGE

ARIZONA DEPARTMENT OF WATER RESOURCES  
15 SOUTH 15th AVENUE  
PHOENIX, ARIZONA 85007  
602-542-1581

RECEIVED MAR 29 1991

DWR-AR-1-90

AMA TUCSON

GROUNDWATER RIGHT DESCRIPTION AND NUMBER	
TYPE OF RIGHT <b>SERVICE AREA</b>	RIGHT/PERMIT NO. <b>56-000335.0000</b>

<b>PART I GROUNDWATER WITHDRAWN</b>	
From Line 10, Schedule A attached	
Complete this section only if you operate a non-exempt well. If not, go to Part III below.	
<u>26.3</u> ACRE-FEET	X 2.00 Withdrawal Fee = <u>52.60</u>
<b>PART II WATER DELIVERED TO OTHER RIGHTS</b>	
From Line 9, Schedule D attached	
<u>0</u> ACRE-FEET	
<b>PART III WATER RECEIVED FROM OTHER RIGHTS</b>	
From Line 8, Schedule E, or Line 5 Schedule E-1 attached	
<u>0</u> ACRE-FEET	
<b>PART IV TOTAL WATER USED BY THIS RIGHT</b>	
Calculate as follows: Part I + Part III - Part II	
<u>26.3</u> ACRE-FEET	
<b>PART V LATE FEES</b>	
Complete if filing after March 31	
1) Enter number of months late <input type="checkbox"/>	
Note: A portion of a month after March 31 is accounted for as a full month	
2) Calculate Late Report Fee (\$25.00 x number of months late)	\$ <input type="text"/>
3) Calculate Late Payment Fee (10% per month of the withdrawal fee calculated in Part I above)	\$ <input type="text"/>
TOTAL FEES DUE (add amounts in this column)	<u>52.60</u>

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 1991. If hand delivered, the report must be received by the Department's Operation Division or local AMA office no later than 5:00 PM on March 31, 1991.

This report must be filed even if no water was used on this right.

REPORTS FILED AFTER MARCH 31, 1991 ARE SUBJECT TO LATE FEES AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS (ARS §45-632K)

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

x Daniel K. Post Mgr 3-27-91  
 AUTHORIZED SIGNATURE TITLE DATE  
Daniel K. Post 682 4410  
 PRINTED NAME TELEPHONE NUMBER

OWNER OF GROUNDWATER RIGHT  
 L D S CHURCH  
 C/O DANIEL K. POST  
 16501 N. TRICO RD.  
 MARANA AZ 85653

REPORTING PARTY 56-000335.0000

L D S CHURCH  
 C/O DANIEL K. POST  
 16501 N. TRICO RD.  
 MARANA AZ 85653

If any of the information preprinted on this report is incorrect, please make the necessary changes.

A( 1) E( 1) F( 1)  
 W2( 1)

ORIGINAL



**WORKSHEET W-2**

**PIPE FLOW  
WITH PUMPAGE CALCULATED USING  
ELECTRICAL ENERGY RECORDS**

RECEIVED MAR 20 1991

NOTE: This method cannot be used when energy meter serves other uses.  
DWR-AR-10-89

GROUNDWATER RIGHT/PERMIT NO.

56-000335,0000

READ INSTRUCTIONS CAREFULLY

1. Enter DWR Well Registration No. & Location.

DWR WELL REGISTRATION NO. <u>55-642033</u>	LOCATION Q Q Q Sec Twn Rng <u>SW NW NE 3 11S 10E</u>
---	--

2. Enter type, make, model & size of measuring device used to measure pipe flow. If measuring device is permanent, enter date installed or last overhauled.

TYPE OF MEASURING DEVICE <u>ANNUBAR - Eagle Eye</u>	MAKE <u>Dieterich Standard</u>
MODEL <u>AWR-75 C-9810</u>	SIZE <u>3.5"</u>
INSTALLATION OR OVERHAUL DATE	

3. Enter Power Co. Name & Account No. & Meter No.

POWER CO. NAME <u>TRICO</u>	ACCOUNT NO. <u>OWN Meter</u>	ELECTRIC METER NO. <u>58 992516</u>
--------------------------------	---------------------------------	--

4. Enter Kr & Kh from electric meter.

\* The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained," and the Kr is not used in computing Factor A (Kh = Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure.

The Kh is the disk constant and is located on faceplate of the electric meter.

Kr <u>1</u>	Kh <u>144</u>
----------------	------------------

5. Compute Factor A by multiplying Kr by Kh.

FACTOR A = ~~14.4~~ 14.4 = Kr x Kh

6. Enter the inside diameter of the well discharge pipe (inches).

INSIDE DIAMETER 3.548 (inches)

7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement. **A MINIMUM OF TWO MEASUREMENTS IS REQUIRED.** These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge.

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals /Min)	NO. OF SECONDS FOR 10 REVS
<u>4-10-90</u>	<u>10.3"</u>	<u>169</u>	<u>53</u>
<u>6-12-90</u>	<u>10.2"</u>	<u>168</u>	<u>53</u>
<b>A MINIMUM OF TWO MEASUREMENTS IS REQUIRED</b>	<b>TOTALS</b>	<u>337</u>	<u>106</u>

8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B.

AVE. DISCHARGE 169  
FACTOR B

9. Repeat the same procedure for the no. of seconds column to obtain the average seconds which is designated as Factor C.

AVE. SECONDS 53  
FACTOR C

10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider.

DIVIDER = 19,550 x  $\frac{A \times 10}{B \times C}$  = 314

11. Enter ending electric meter reading 4743 KWH.

12. Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiply by" factor on your bill.

ENERGY CONSUMPTION 8280 THE INFORMATION CONTAINED IN THIS REPORT WAS PROVIDED AND COMPILED BY THE CUSTOMER OR THEIR ENERGY SUPPLIER.  
FOR THE YEAR Kw hrs

13. Divide the total Energy Consumption entered in item 12 by the value computed in item 10 to obtain the total Groundwater Withdrawn by the well.

GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 12}}{\text{LINE 10}}$  = 26.3  
ACRE FEET

ENTER THE FOLLOWING ON SCHEDULE A

- Item 1 - DWR Well Reg No. & Location in Col ②.
- Item 3 - Power Co. Name, Acct. No. and Meter No. in Col ③.
- Item 8 - Average Discharge in Col ⑧.
- Item 10 - Divider in Col ⑨.
- Item 12 - Energy Consumption in Col ⑫.
- Item 13 - Groundwater withdrawn in Col ⑭.

THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A

ORIGINAL

# SCHEDULE E-1

## WATER RECEIVED FROM OTHER SOURCES

AMA - TUCSON

RECEIVED MAR 29 1991

ARIZONA DEPT. OF  
WATER RESOURCES  
DWR-AR-3-90

### MUNICIPAL PROVIDERS AND INDIVIDUAL USERS

#### INSTRUCTIONS

Enter in ① Groundwater Right No. receiving water from other sources and the owner's name.  
 Enter in ② the Right No. delivering the Groundwater, the DWR well Registration No. for the well delivering water, how the water was measured or estimated and the acre-feet received. If you do not know the registration no., contact DWR for this information.  
 Enter in ③ & ④ the name of the entity delivering the surface water, the type of surface water received, how the water was measured or estimated, and the acre-feet received.  
 Enter in ⑥ + ⑦ according to each water type, the entity delivering the water, how the water was measured or estimated and the acre-feet received.

① GROUNDWATER RIGHT NO.  
56-000335.0000

① OWNER  
L D S CHURCH

② GROUNDWATER RECEIVED				⑥ SPILL WATER RECEIVED		
Delivered By:	DWR Well Reg. No.	How Meas'd or Est'd	Acre-Feet Rec'd	Delivered By:	How Meas'd or Est'd	Acre-Feet Rec'd
TOTAL ACRE-FEET RECEIVED			0	TOTAL ACRE-FEET RECEIVED		
③ SURFACE WATER RECEIVED				⑦ EFFLUENT RECEIVED		
Delivered By:	Type of Right	How Meas'd or Est'd	Acre-Feet Rec'd	Delivered By:	How Meas'd or Est'd	Acre-Feet Rec'd
TOTAL ACRE-FEET RECEIVED			0	TOTAL ACRE-FEET RECEIVED		
④ CAP WATER RECEIVED			⑧ TOTAL ACRE-FEET OF SPILL WATER or EFFLUENT RECEIVED ( ⑥ + ⑦ )			
Delivered By:	How Meas'd or Est'd	Acre-Feet Rec'd				
TOTAL ACRE-FEET RECEIVED						
⑤ TOTAL ACRE-FEET OF WATER RECEIVED ( ② + ③ + ④ )				Total Spill or Effluent received are NOT applied to the GPCD calculations.		
			0			

Enter Total Acre-Feet of Water received in Part III On Summary Page

ORIGINAL

# 1988 ANNUAL WATER WITHDRAWAL AND USE REPORT SUMMARY PAGE

ARIZONA DEPARTMENT OF WATER RESOURCES  
 15 SOUTH 15th AVENUE  
 PHOENIX, ARIZONA 85007  
 602-542-1581

INPUT DWR-AR-1-88

AMA TUCSON

PART I GROUNDWATER WITHDRAWN	
From Line 10, Schedule A attached	
Complete this section only if you operate a non-exempt well. If not, go to Part III below.	
65 ACRE-FEET	x 1.50 Withdrawal Fee = \$97.50
PART II GROUNDWATER DELIVERED TO OTHER RIGHTS	
From Line 9, Schedule D attached	
	ACRE-FEET
PART III WATER RECEIVED FROM OTHER RIGHTS	
From Line 8, Schedule E attached	
	ACRE-FEET
PART IV TOTAL WATER USED BY THIS RIGHT	
Calculate as follows: Part I + Part III - Part II	
65 ACRE-FEET	
PART V LATE FEES	
Complete if filing after March 31	
1) Enter number of months late <input type="checkbox"/>	
Note: A portion of a month after March 31 is accounted for as a full month	
2) Calculate Late Report Fee (\$25.00 x number of months late)	\$
3) Calculate Late Payment Fee (10% per month of the withdrawal fee calculated in Part I above)	\$
TOTAL FEES DUE (add amounts in this column)	\$97.50

GROUNDWATER RIGHT DESCRIPTION AND NUMBER	
TYPE OF RIGHT SERVICE AREA	RIGHT/PERMIT NO. 56-000335.0000
GENERAL LOCATION: B-3	

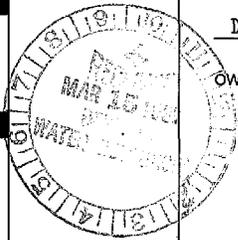
Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 1989. If hand delivered, the report must be received by the Department's Operation Division or local AMA office no later than 5:00 PM on March 31, 1989.

This report must be filed even if no water was used on this right.  
 REPORTS FILED AFTER MARCH 31, 1989 ARE SUBJECT TO LATE FEES AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS (ARS §45-632K)

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X *[Signature]* 3-8-89

AUTHORIZED SIGNATURE DANIEL K. POST	TITLE 682-4410	DATE 3-8-89
PRINTED NAME DANIEL K. POST	TELEPHONE NUMBER 682-4410	
OWNER OF GROUNDWATER RIGHT L D S CHURCH 16501 N TRICO RD MARANA AZ 85653		
REPORTING PARTY LDS CHURCH BRAD DESPAIN % DAN POST <del>P.O. BOX 475</del> 16501 N Trico Rd. MARANA AZ 85653	56-000335.0000	



If any of the information preprinted on this report is incorrect, please make the necessary changes.  
 AI 1) F( 1) W2( 1) ENTERED MAY 05 1989 ORIGINAL



# WORKSHEET W-2

## PIPE FLOW WITH PUMPAGE CALCULATED USING ELECTRICAL ENERGY RECORDS

NOTE: This method cannot be used  
when energy meter  
serves other uses.  
DWR-AR-10-88

GROUNDWATER RIGHT/PERMIT NO.  
56-000335.0000

READ INSTRUCTIONS CAREFULLY

1. Enter DWR Well Registration No. & Location.

DWR WELL REGISTRATION NO. <u>55-642033</u>	LOCATION					
	Q	Q	Q	Sec	Twn	Rng
	SW	NW	NE	03	11S	10E

2. Enter type, make, model & size of measuring device used to measure pipe flow. If measuring device is permanent, enter date installed or last overhauled.

TYPE OF MEASURING DEVICE <u>Annubar Eagle Eye</u>	MAKE <u>Dieterich Standard</u>
MODEL <u>ANR 75 C-9810</u>	SIZE <u>3.5"</u>
INSTALLATION OR OVERHAUL DATE	

3. Enter Power Co. Name & Account No. & Meter No.

POWER CO. NAME <u>Trico</u>	ACCOUNT NO. <u>own meter</u>	ELECTRIC METER NO. <u>58-992-516</u>
--------------------------------	---------------------------------	---

4. Enter Kr & Kh from electric meter.

\* The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained," and the Kr is not used in computing Factor A (Kh = Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure.

The Kh is the disk constant and is located on faceplate of the electric meter.

Kr <u>1.0</u>	Kh <u>14.4</u>
------------------	-------------------

5. Compute Factor A by multiplying Kr by Kh.

FACTOR A = 14.4 = Kr x Kh

6. Enter the inside diameter of the well discharge pipe (inches).

INSIDE DIAMETER 3.548 (inches)

7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement. **A MINIMUM OF TWO MEASUREMENTS IS REQUIRED.** These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge.

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals./Min.)	NO. OF SECONDS FOR 10 REVS
<u>6-15-88</u>	<u>10.3"</u>	<u>169</u>	<u>51</u>
<u>12-31-88</u>	<u>10.4"</u>	<u>170</u>	<u>50</u>
<b>A MINIMUM OF TWO MEASUREMENTS IS REQUIRED</b>	<b>TOTALS</b>	<u>339</u>	<u>101</u>

8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B.

AVE. DISCHARGE 170  
FACTOR B.

9. Repeat the same procedure for the no. of seconds column to obtain the average seconds which is designated as Factor C.

AVE. SECONDS 51  
FACTOR C.

10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider.

DIVIDER = 19,500 x  $\frac{A \times 10}{B \times C}$  = 325

11. Enter ending electric meter reading 4712 KWH.

12. Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiply" factor on your bill.

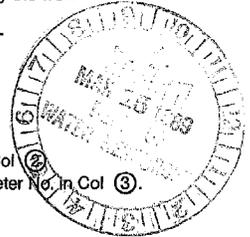
ENERGY CONSUMPTION FOR THE YEAR 21,710  $\frac{\text{Kw hrs}}{\text{Kw hrs}}$  THE INFORMATION CONTAINED IN THIS REPORT WAS PROVIDED AND CONFIRMED BY THE CUSTOMER OR THEIR ENERGY SUPPLIER.

13. Divide the total Energy Consumption entered in Item 12 by the value computed in Item 10 to obtain the total Groundwater Withdrawn by the well.

GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 12}}{\text{LINE 10}}$  = 65 ACRE FEET

ENTER THE FOLLOWING ON SCHEDULE A

- Item 1 - DWR Well Reg No. & Location in Col ②
- Item 3 - Power Co. Name, Acct No. and Meter No. in Col ③
- Item 8 - Average Discharge in Col ⑧
- Item 10 - Divider in Col ⑨
- Item 12 - Energy Consumption in Col ⑥
- Item 13 - Groundwater withdrawn in Col ④



THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A

ORIGINAL

# 1986 ANNUAL WATER WITHDRAWAL AND USE REPORT

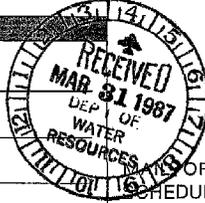
AMA TUC SON

## ARIZONA DEPARTMENT OF WATER RESOURCES

OPERATIONS DIVISION  
99 E. VIRGINIA AVE • (602) 255-1581  
PHOENIX, ARIZONA 85004

**SUMMARY PAGE**

DWR-AR1-86



**TYPE OF GROUNDWATER RIGHT**  
(CHECK APPROPRIATE BOXES)

TYPE 1 NON-IRRIGATION GRANDFATHERED RIGHT NO. \_\_\_\_\_

TYPE 2 NON-IRRIGATION GRANDFATHERED RIGHT NO. \_\_\_\_\_

IRRIGATION GRANDFATHERED RIGHT NO. \_\_\_\_\_

GROUNDWATER WITHDRAWAL PERMIT NO. \_\_\_\_\_

SERVICE AREA RIGHT NO. 56-000335.0000

OTHER \_\_\_\_\_

THE INFORMATION CONTAINED IN THIS REPORT WAS PROVIDED AND COMPILED BY THE CUSTOMER OR THEIR ENERGY SUPPLIER.

OR HAND DELIVER THIS REPORT, TOGETHER WITH APPROPRIATE SCHEDULES AND WORKSHEETS TO ARIZONA DEPARTMENT OF WATER RESOURCES, TO THE ADDRESS SHOWN IN THE UPPER RIGHT. IF MAILED, THE REPORT MUST BE POSTMARKED NO LATER THAN MARCH 31, 1987. IF HAND DELIVERED, THE REPORT MUST BE RECEIVED BY THE DEPARTMENT'S OPERATIONS DIVISION OR LOCAL AMA OFFICE NO LATER THAN 5:00 PM ON MARCH 31, 1987.

REPORTS FILED LATE WILL BE ASSESSED A LATE PENALTY

**PART I GROUNDWATER WITHDRAWN**  
FROM LINE 9 — SCHEDULE A, ATTACHED

NOTE: COMPLETE THIS SECTION ONLY IF YOU OPERATE A NON-EXEMPT WELL. IF YOU DO NOT, GO TO PART III BELOW.

57 ACRE-FEET X 1.50 WITHDRAWAL FEE = \$ 85.50 AMOUNT DUE

I HEREBY CERTIFY, UNDER PENALTY OF PERJURY, THAT THE INFORMATION CONTAINED IN THIS REPORT IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, CORRECT AND COMPLETE.

X Daniel Post AUTHORIZED SIGNATURE Mgr TITLE 3-31-87 DATE

**PART II GROUNDWATER DELIVERED TO OTHER RIGHTS HOLDERS**  
FROM LINE 7 — SCHEDULE D OR FROM SCHEDULE B ATTACHED

TOTAL ACRE-FEET DELIVERED TO OTHER RIGHTS \_\_\_\_\_ ACRE-FEET

*57.00 A 28.50 B Split 2562*

PRINTED NAME \_\_\_\_\_ TELEPHONE NUMBER \_\_\_\_\_

OWNER OF GROUNDWATER RIGHT  
**L D S CHURCH**  
**16501 N TRICO RD**  
**MARANA AZ 85653**

**PART III OTHER SOURCES OF WATER SUPPLYING THIS RIGHT**  
FROM LINE 8 — SCHEDULE E, ATTACHED

TOTAL ACRE-FEET RECEIVED FROM OTHER SOURCES \_\_\_\_\_ ACRE-FEET

REPORTING PARTY \_\_\_\_\_

**LDS CHURCH**  
**C/O DAN POST**  
**16501 N TRICO RD**  
**MARANA AZ 85653**

**PART IV TOTAL WATER USED BY THIS RIGHT INPUT**

CALCULATE AS FOLLOWS: PART I + PART III — PART II = 57 ACRE-FEET

IF ANY OF THE DATA PRE-PRINTED ON THIS REPORT ARE INCORRECT, PLEASE MAKE NECESSARY CHANGES.  
A ( 1 ) F ( 1 )  
W2 ( 1 )



# WORKSHEET W-2

ELECTRICAL ENERGY

PIPE FLOW WITH PUMPAGE CALCULATED USING ELECTRICAL ENERGY RECORDS

56-000335.

HOUSE

### INSTRUCTIONS

DWRAR10-84



- Enter DWR Well Registration No. & Location. Enter in ①.
- Enter type, make, model & size of measuring device used to measure pipe flow. If measuring device is permanent, enter date installed or if it was overhauled. Enter in ②.
- Enter Power Co. Name & Acct. No. & Meter No. Enter in ③.
- Enter Kr & Kh from Electric Meter. Enter in ④.
- Compute Factor A by multiplying Kr by Kh. Enter in ⑤.
- Enter inside diameter of the well discharge pipe (inches). Enter in ⑥.
- Enter the date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement. A minimum of two measurements is required. These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge. Enter in ⑦.
- Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B. Enter in ⑧.
- Repeat the same procedure for the no. of seconds column to obtain the average seconds which is designated as Factor C. Enter in ⑨.
- Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider. Enter in ⑩.
- Enter the total Energy Consumption. This amount may be obtained from your electrical energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiply by" or Kr factor of the meter. Enter in ⑪.
- Divide the total Energy Consumption entered in Item 11 by the value computed in Item 10 to obtain the total groundwater withdrawn by the well. Enter in ⑫.

THE INFORMATION CONTAINED IN THIS REPORT WAS PROVIDED AND COMPILED BY THE CUSTOMER OR THEIR ENERGY SUPPLIER.

① DWR WELL REGISTRATION NO. <b>55-642033</b>		LOCATION Q Q Q Q Sec. Twn Rng <b>SW 1/4 NE 3 11s 10E</b>				
② TYPE OF MEASURING DEVICE MODEL <b>ANNULAR EAGLE EYE</b> <b>ANR 73 C-9810</b>		MAKE <b>DIETRICH STANDARD</b> SIZE <b>.3.5"</b>				
③ POWER CO. NAME <b>OWN MOTOR</b>		ACCOUNT NO.		ELECTRIC METER NO. <b>58-992-516</b>		
④ Kr <b>1</b>		Kh <b>14.4</b>				
⑤ FACTOR A = <b>14.4</b> = Kr x Kh						
⑥ INSIDE DIAMETER <b>3.548</b> (inches)						
⑦ DATE OF MEASUREMENT		DIFFERENTIAL or VELOCITY HEAD (Specify units)		DISCHARGE (Gals/min.)	NO. OF SECONDS FOR 10 REVS.	
<b>7.30.86</b>		<b>6.2"</b>		<b>171</b>	<b>52</b>	
<b>12.31.86</b>		<b>6.2"</b>		<b>171</b>	<b>50</b>	
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED				TOTALS →	<b>342</b>	<b>102</b>
⑧ AVE. DISCHARGE <b>171</b>		FACTOR B		⑨ AVE. SECONDS <b>51</b>		
⑩ DIVIDER = $19.550 \times \frac{A \times 10}{B \times C} = \frac{323}{18,530}$						
⑪ ENERGY CONSUMPTION FOR THE YEAR <b>18,530</b> Kw hrs						
⑫ GROUNDWATER WITHDRAWN = $\frac{\text{Line 11}}{\text{Line 10}} = \frac{57}{\text{ACRE FEET}}$						

ENTER THE FOLLOWING ON SCHEDULE B:

- Item 1 — DWR Well Reg. No. & Location in Col. ②
- Item 3 — Power Co. Name, Acct. No., and Meter No. in Col. ③
- Item 8 — Average Discharge in Col. ④
- Item 10 — Divider in Col. ⑩
- Item 11 — Energy Consumption in Col. ⑪
- Item 12 — Groundwater Withdrawn in Col. ⑫

① DWR WELL REGISTRATION NO.	LOCATION					
	Q	Q	Q	Sec.	Twn	Rng

① DWR WELL REGISTRATION NO.	LOCATION					
	Q	Q	Q	Sec.	Twn	Rng

② TYPE OF MEASURING DEVICE	MAKE
MODEL	SIZE
INSTALLATION OR OVERHAUL DATE	

② TYPE OF MEASURING DEVICE	MAKE
MODEL	SIZE
INSTALLATION OR OVERHAUL DATE	

③ POWER CO. NAME	ACCOUNT NO.	ELECTRIC METER NO.
------------------	-------------	--------------------

③ POWER CO. NAME	ACCOUNT NO.	ELECTRIC METER NO.
------------------	-------------	--------------------

④ Kr	Kh
------	----

④ Kr	Kh
------	----

⑤ FACTOR A = \_\_\_\_\_ = Kr x Kh

⑤ FACTOR A = \_\_\_\_\_ = Kr x Kh

⑥ INSIDE DIAMETER \_\_\_\_\_ (Inches)

⑥ INSIDE DIAMETER \_\_\_\_\_ (Inches)

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify units)	DISCHARGE (Gals/min.)	NO. OF SECONDS FOR 10 REVS.
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify units)	DISCHARGE (Gals/min.)	NO. OF SECONDS FOR 10 REVS.
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

⑧ AVE. DISCHARGE \_\_\_\_\_ FACTOR B      ⑨ AVE. SECONDS \_\_\_\_\_ FACTOR C

⑧ AVE. DISCHARGE \_\_\_\_\_ FACTOR B      ⑨ AVE. SECONDS \_\_\_\_\_ FACTOR C

⑩ DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C}$  = \_\_\_\_\_

⑩ DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C}$  = \_\_\_\_\_

⑪ ENERGY CONSUMPTION FOR THE YEAR \_\_\_\_\_ Kw hrs

⑪ ENERGY CONSUMPTION FOR THE YEAR \_\_\_\_\_ Kw hrs

⑫ GROUNDWATER WITHDRAWN =  $\frac{\text{Line 11}}{\text{Line 10}}$  = \_\_\_\_\_ ACRE FEET

⑫ GROUNDWATER WITHDRAWN =  $\frac{\text{Line 11}}{\text{Line 10}}$  = \_\_\_\_\_ ACRE FEET

ENTER THE FOLLOWING ON SCHEDULE B:

- Item 1 — DWR Well Reg. No. & Location in Cols. ②
- Item 3 — Power Co. Name, Acct. No., and Meter No. in Col. ③
- Item 8 — Average Discharge in Col. ④
- Item 10 — Divider in Col. ⑤
- Item 11 — Energy Consumption in Col. ⑦
- Item 12 — Groundwater Withdrawn in Col. ⑫

ENTER THE FOLLOWING ON SCHEDULE B:

- Item 1 — DWR Well Reg. No. & Location in Cols. ②
- Item 3 — Power Co. Name, Acct. No., and Meter No. in Col. ③
- Item 8 — Average Discharge in Col. ④
- Item 10 — Divider in Col. ⑤
- Item 11 — Energy Consumption in Col. ⑦
- Item 12 — Groundwater Withdrawn in Col. ⑫

ARIZONA DEPARTMENT OF WATER RESOURCES

TUCSON ACTIVE MANAGEMENT AREA

**OFFICIAL NOTICE OF MUNICIPAL CONSERVATION  
REQUIREMENTS AND MONITORING AND REPORTING  
REQUIREMENTS - EXISTING SMALL PROVIDERS AND NEW PROVIDERS**

Pursuant to A.R.S. Section 45-564.B, the Director of Water Resources hereby gives notice of the conservation requirements and monitoring and reporting requirements that apply to municipal providers in the Tucson Active Management Area.

The date of this notice is December 30, 1984. Compliance with these conservation requirements must generally be achieved beginning January 1, 1987 and must be maintained until the effective date of any new conservation requirements established in the second Management Plan for the Tucson Active Management Area.

**1. Per Capita Conservation Requirement**

Existing small providers or new providers shall achieve, for the first full calendar year following the compliance date, the applicable maximum GPCD rate or a lesser rate and shall maintain a GPCD rate equal to or less than the applicable maximum GPCD rate until the effective date of any applicable per capita conservation requirements prescribed in the second management plan.

The applicable maximum GPCD rate shall be determined pursuant to section 3 of this Notice. Compliance with the applicable maximum GPCD rate shall be determined pursuant to section 5 of this Notice.

**2. Definitions**

a. In this Notice, unless the context otherwise requires:

(1) "Compliance date" means the date that falls two years after the date of the notice of the applicable conservation requirements pursuant to A.R.S. § 45-564. The compliance date is December 31, 1986.

(2) "Conservation technology" means any device or practice or any combination of devices and practices that,

when properly implemented, reduces groundwater withdrawals.

(3) "Contiguous" means in contact at any point along a boundary. Two parcels of land are contiguous if they are separated by only one or more of the following: a road, highway, easement or right-of-way.

(4) "Dwelling unit" means a group of rooms or a single room occupied as separate living quarters. Dwelling unit includes a single family home, a patio home, a townhouse, a condominium, an apartment, a permanently set-up mobile home and a unit in a multi-family home. Dwelling unit does not include a mobile home in an overnight or limited-stay mobile home park or a unit in a campground, motel, hotel or other temporary lodging facility. A dwelling unit may be occupied by a family, a family and unrelated persons living together, two or more unrelated persons living together or by one person.

(5) "Effective date of this management plan" means the date of the second publication of the summary of the management plan, findings and order pursuant to A.R.S. § 45-571.C. The effective date of this management plan is December 26, 1984.

(6) "Existing large provider" means a municipal provider that commenced serving non-irrigation uses on or before January 1, 1980 and served 500 or more people as of 1980.

(7) "Existing municipal distribution system" means a municipal distribution system that is in operation as of the effective date of this management plan or for which substantial capital investment has been made in the physical on-site construction of the system in the twelve months prior to the effective date of this management plan.

(8) "Existing small provider" means a municipal provider that commenced serving non-irrigation uses on or before January 1, 1980 and served less than 500 people as of 1980.

(9) "Existing turf-related facility" means:

(a) A turf-related facility that, as of the effective date of this management plan, is in operation or has obtained all preconstruction permits and approvals required by federal, state or local governments, or for which substantial capital investment has been made in the physical on-site construction of the facility in the twelve months prior to the effective date of this management plan.

(b) An expansion or modification of a turf-related facility that qualifies as an existing turf-related facility under part (a) of this definition, if that expansion or modification increases the area of land to which water is applied for turf-related watering purposes and has been substantially commenced as of the effective date of this management plan. An expansion or modification has been substantially commenced if the owner or operator of the facility has obtained all preconstruction permits or approvals required by federal, state or local governments for that expansion or modification or has made a substantial capital investment in the physical on-site construction of the expansion or modification in the twelve months prior

to the effective date of this management plan.

(10) "Future provider" means a municipal provider that commences serving non-irrigation uses on or after January 1, 1985.

(11) "GPCD rate" means the gallons per capita per day rate for all non-irrigation uses supplied by a municipal provider. The GPCD rate for a municipal provider shall be calculated on a calendar year basis pursuant to the method set forth in section 4 of this Notice.

(12) "Industrial user" means a person who uses for a non-irrigation purpose, including animal industry use and expanded animal industry use, any groundwater not supplied by a city, town or private water company.

(13) "Landscape watering" means the application of water from any source to grow landscaping plants.

(14) "Landscaping plant" means any member of the kingdom Plantae, including any tree, shrub, vine, herb, flower, succulent, groundcover or grass species, that grows or has been planted out-of-doors and is used for landscaping purposes.

(15) "Lost water" means water from any source that enters a municipal distribution system and is lost from the system due to seepage, evaporation, leaks, breaks or other causes.

(16) "Municipal distribution system" means a system of pipes, canals or other works owned or operated by a municipal provider to collect, store, treat or deliver groundwater for non-irrigation use.

(17) "Municipal provider" means a city, town, private water company or irrigation district that supplies water for non-irrigation use.

(18) "New municipal distribution system" means a municipal distribution system that is not an existing municipal distribution system.

(19) "New provider" means a municipal provider that commenced serving non-irrigation uses after January 1, 1980 but before January 1, 1985.

(20) "New turf-related facility" means:

(a) A turf-related facility that does not qualify as an existing turf-related facility under part (a) of the definition of an existing turf-related facility.

(b) An expansion or modification of a turf-related facility that qualifies as a new turf-related facility under part (a) of this definition, if that expansion or modification increases the area of land to which water is applied for turf-related watering purposes.

(c) An expansion or modification of an exiting turf-related facility, if that expansion or modification increases the area of land to which water is applied for turf-related watering purposes and has not been substantially commenced as of the effective date of this management plan.

(21) "Newly turfed area" means the area of land newly planted during the calendar year in question with a grass species that requires additional water for germination and

establishment. Newly turfed area does not include an area covered with a grass species during the preceding calendar year that has been overseeded or reseeded with a grass species during the calendar year in question.

(22) "Non-residential use" means a non-irrigation use of water other than a residential use.

(23) "Residential use" means a non-irrigation use of water that is related to the supply, service and activities, including landscape watering, of a dwelling unit.

(24) "Special provider" means a municipal provider designated by the Director as a special provider pursuant to subsection 7 of this Notice.

(25) "Total landscaped area" means:

(a) With respect to an existing turf-related facility or a new turf-related facility, except as provided in part (b) of this definition, the area of land to which water from any source is legally applied for landscape watering purposes during the calendar year in question.

(b) With respect to an existing turf-related facility in operation as of the effective date of this management plan, whichever of the following is greater:

(i) The largest area of land to which water from any source was legally applied for landscape watering purposes during any one year from January 1, 1980 through December 31, 1984.

(ii) The area of land to which water from any source is legally applied for landscape watering purposes during the calendar year in question.

(26) "Total quantity of lost and unaccounted for water" means the total quantity of water from any source withdrawn, diverted or received by a municipal provider during a calendar year minus the total quantity of authorized deliveries by the municipal provider of water from any source during that year that are metered deliveries of deliveries that the municipal provider accounts for by a generally accepted method of estimating water use.

(27) "Total water surface area" means the total surface area of all bodies of water from any source, including lakes, ponds and lagoons, that are an integral part of the landscaped area of a turf-related facility. Bodies of water used primarily for swimming purposes are not an integral part of the landscaped area of a turf-related facility.

(28) "Turf-related facility" means a facility that applies water from any source to ten or more acres of land for turf-related watering purposes.

(29) "Turf-related watering" means the application of water from any source to grow landscaping plants on the grounds of a turf-related facility and the use of water from any source to fill or refill any bodies of water, including lakes, ponds or lagoons, that are an integral part of the landscaped area of a turf-related facility. Bodies of water used primarily for swimming purposes are not an integral part of the landscaped area of a turf-related facility.

(30) "Turfed acreage" means the total area of

land planted with grass species or with plants not listed on the Low Water Using Plant List for the Tucson Active Management Area adopted by the Director and filed in the Department.

(31) "Unaccounted for water" means water from any source that enters a municipal distribution system, is not lost water and is not an authorized delivery accounted for by metering or by a generally accepted method of estimating water use. Unaccounted for water includes unauthorized water use and undermeasured water use due to inaccurate meters.

(32) "Water from any source" means any water, including effluent.

b. The applicable definitions in A.R.S. §§ 45-101 and 45-402 are hereby incorporated by reference into this Notice.

### **3. Per Capita Conservation Requirements for Existing Small Providers and New Providers**

a. Each existing small provider and new provider whose 1984 GPCD rate is equal to or less than 140 GPCD shall achieve a GPCD rate equal to or less than 140 GPCD.

b. Each existing small provider and new provider whose 1984 GPCD rate is greater than 140 GPCD shall achieve a GPCD rate equal to or less than its 1984 GPCD rate minus 25% of the difference between its 1984 GPCD rate and 140 GPCD.

c. Each existing small provider and new provider shall achieve, for the first full calendar year following the compliance date, the applicable maximum GPCD rate or a lesser rate and shall maintain a GPCD rate equal to or less than the applicable maximum GPCD rate until the effective date of any applicable per capita conservation requirements prescribed in the second management plan. Compliance with the applicable maximum GPCD rate shall be determined pursuant to subsection 5 of this Notice.

### **4. Calculation of GPCD Rate**

The Director shall calculate the GPCD rate for a municipal provider for a given calendar year as follows:

a. Determine the total gallons of water from any source, except effluent, withdrawn, diverted or received by the municipal provider for non-irrigation use during the calendar year.

b. Divide the total gallons of water from any source, except effluent, withdrawn, diverted or received for non-irrigation use by the population of the municipal provider's service area for the calendar year and divide that result by 365. The population of the municipal provider's service area shall be calculated by a method consistent with Executive Order No. 77-5, governing preparation of official population estimates and projections for Arizona.

## **5. Compliance with Maximum GPCD Rate**

A municipal provider is in compliance for a given calendar year with the applicable maximum GPCD rate if the Director determines that either of the following applies:

a. The municipal provider's GPCD rate for that calendar year is equal to or less than the applicable maximum GPCD rate.

b. The municipal provider's average GPCD rate for that calendar year and the preceding two calendar years is equal to or less than the applicable maximum GPCD rate. The average GPCD rate shall be calculated as follows:

(1) Determine the aggregate gallons of water from any source, except effluent, withdrawn, diverted or received by the municipal provider for non-irrigation use during the calendar year in question and the preceding two calendar years. The result is the municipal provider's 3-year aggregate non-irrigation water use.

(2) Determine the population of the municipal provider's service area for that calendar year and each of the preceding two calendar years pursuant to subsection 4.b of this Notice. Determine the sum of those three population figures. The result is the municipal provider's 3-year aggregate service area population.

(3) Divide the municipal provider's 3-year aggregate non-irrigation water use by the municipal provider's 3-year aggregate service area population and divide that result by 365. The result is the municipal provider's average GPCD for that calendar year and the preceding two calendar years.

## **6. Modification of Maximum GPCD Rate**

A municipal provider that seeks to serve a new non-residential use may apply to the Director for a modification of the applicable maximum GPCD rate. The Director may approve a proposed modification only if the Director determines that extraordinary circumstances justify the modification. The Director may find that extraordinary circumstances justify a modification if the municipal provider demonstrates to the satisfaction of the Director that all of the following apply:

a. The addition of the new non-residential use renders the applicable maximum GPCD rate unreasonable.

b. The municipal provider has implemented an effective conservation program.

c. The new non-residential user will use appropriate conservation technologies.

## **7. Special Providers**

a. A municipal provider that supplies or expects to supply more than 60% of its total non-irrigation deliveries to non-residential uses may apply to the Director for designation as

a special provider.

b. An application for designation as a special provider shall be made on a form prescribed and furnished by the Director which shall include the following:

(1) The quantity of water from any source, except effluent, delivered and expected to be delivered annually to residential uses.

(2) The quantity of water from any source delivered and expected to be delivered annually to non-residential uses.

(3) The types of non-residential uses served and expected to be served.

(4) The quantity of water delivered and expected to be delivered annually to each type of non-residential use.

(5) The conservation measures implemented by the municipal provider as of the date of the application and the conservation measures expected to be implemented by the municipal provider within two years after the date of the application.

(6) Such other information as the Director may require.

c. The Director may approve the designation of a municipal provider as a special provider if the municipal provider demonstrates to the satisfaction of the Director that the water use pattern of the municipal provider cannot be adequately characterized by a GPCD rate.

d. For each municipal provider designated as a special provider, the Director shall assign mandatory conservation requirements and monitoring and reporting requirements, including a maximum GPCD rate for residential uses served by the provider and appropriate conservation measures for non-residential uses served by the provider. The special provider shall comply with the assigned conservation requirements by a date specified by the Director, which shall be no later than two years from the date of designation as a special provider, and shall remain in compliance with those requirements until the effective date of any applicable conservation requirements prescribed in the second management plan.

## **8. Conservation Measures Appropriate for Individual Users**

a. On and after the compliance date, a municipal provider shall not serve any groundwater for the purpose of filling or refilling all or a portion of any body of water, including a lake, pond, lagoon or swimming pool, that has a surface area greater than 12,320 square feet and that is used for landscape, scenic or recreational purposes except:

(1) Where the body of water has been filled as of the compliance date or where substantial capital investment has been made in the physical on-site construction of the body of water in the twelve months prior to the compliance date.

(2) Where the body of water is located in a public recreational facility owned or operated by federal, state

or local government.

(3) Where effluent is used to fill and refill the body of water.

b. On and after the compliance date, a municipal provider shall not serve any groundwater for the purpose of watering landscaping plants planted on or after the compliance date within the right-of-way of any public street or highway or on the grounds of a rest area established and maintained by federal, state or local government adjacent to the right-of-way of any public street or highway for the convenience of the traveling public, unless the plants are listed on the Low Water Using Plant List for the Tucson Active Management Area adopted by the Director and filed in the Department. Attachment 1 sets forth the procedure for modification of the Low Water Using Plant List.

c. On and after the compliance date, a municipal provider shall not serve to a turf-related facility for turf-related watering purposes more water than required to achieve the applicable maximum annual water allotment.

(1) Calculation of Maximum Annual Water Allotment

(a) The maximum annual water allotment for an existing turf-related facility shall be determined as follows:

(i) Determine the total landscaped area of the facility and the newly turfed area of the facility. Subtract the newly turfed area from the total landscaped area. Multiply the result by the water application rate of 5.0 acre-feet per acre.

(ii) Multiply the newly turfed area of the facility by the water application rate of 6.0 acre-feet per acre.

(iii) Determine the total water surface area of the facility. Multiply the total water surface area by the water application rate of 5.8 acre-feet per acre.

(iv) The sum of the results of the calculations in subdivisions (i), (ii) and (iii) of this subparagraph is the maximum annual water allotment for an existing turf-related facility.

(b) Except as provided in subparagraph (c) of this paragraph, the maximum annual water allotment for a new turf-related facility shall be determined as follows:

(i) Determine the total landscaped area of the facility and the newly turfed area of the facility. Subtract the newly turfed area from the total landscaped area. Multiply the result by the water application rate of 4.8 acre-feet per acre.

(ii) Multiply the newly turfed area of the facility by the water application rate of 5.8 acre-feet per acre.

(iii) Determine the total water surface area of the facility and the water surface area of any body or bodies of water filled and refilled with effluent. Subtract the water surface area of any body or bodies of water filled and refilled with effluent from the total water surface

area. Multiply the result by the water application rate of 4.8 acre-feet per acre.

(iv) Multiply the water surface area of any body or bodies of water filled and refilled with effluent by the water application rate of 5.8 acre-feet per acre.

(v) The sum of the results of the calculations in subdivisions (i), (ii), (iii) and (iv) of this subparagraph is the maximum annual water allotment for a new turf-related facility.

(c) The maximum annual water allotment for a golf course that qualifies as a new turf-related facility and has a total landscaped area in excess of the result obtained by multiplying the number of regulation holes by five acres shall be determined as follows:

(i) Multiply the number of regulation holes by five acres. Subtract from that result the newly turfed area of the facility. Multiply the result by the water application rate of 4.8 acre-feet per acre.

(ii) Multiply the newly turfed area of the facility by the water application rate of 5.8 acre-feet per acre. In no case shall the allotment for the newly turfed area exceed the result obtained by the following formula: Multiply the number of regulation holes by five acres and multiply that result by the water application rate of 5.8 acre-feet per acre.

(iii) Determine the water surface area of any body or bodies of water filled and refilled with effluent. Multiply that water surface area by the water application rate of 5.8 acre-feet per acre.

(iv) The sum of the results of the calculations in subdivisions (i), (ii) and (iii) of this subparagraph is the maximum annual water allotment for a golf course that qualifies as a new turf-related facility and has a total landscaped area in excess of the result obtained by multiplying the number of regulation holes by five acres.

(d) Where a turf-related facility consists of an existing turf-related facility and a new turf-related facility that are contiguous, under one ownership and operated as one facility, the facility may combine the maximum annual water allotment for the existing turf-related facility and the maximum annual water allotment for the new turf-related facility and may apply all or a portion of the aggregate annual water allotment to any part of the facility.

(2) Compliance with Maximum Annual Water Allotment

A turf-related facility is in compliance for a given calendar year with the applicable maximum annual water allotment if the Director determines that either of the following applies:

(a) The aggregate amount of water from any source used by the facility for turf-related watering purposes during the calendar year does not exceed the applicable maximum annual water allotment.

(b) The aggregate amount of water from any

source used by the facility for turf-related watering purposes during the calendar year and the preceding two calendar years does not exceed the sum of the maximum annual water allotments for those three years.

(3) Effluent Use

An existing turf-related facility or a new turf-related facility that is or will be using effluent may apply to the Director for a modification of a water application rate. The Director may approve a modification of a water application rate if the owner or operator of the facility demonstrates to the satisfaction of the Director that technical difficulties caused by the use of effluent justify a modification.

**9. Conservation Requirements for Municipal Distribution Systems**

a. Conservation Requirements for Existing Municipal Distribution Systems

(1) Water Loss Survey

Except as provided in paragraph 9.a(2) of this Notice, a municipal provider that owns or operates an existing municipal distribution system shall submit a water loss survey to the Director no later than July 1, 1987. The water loss survey shall be made on a form prescribed and furnished by the Director which shall include the following information for calendar year 1986:

(a) An estimate of the quantity of lost water during the year. The quantity of lost water shall be determined by a generally accepted engineering method.

(b) The quantity of authorized deliveries during the year accounted for by metered water deliveries.

(c) The total quantity of authorized deliveries during the year accounted for by generally accepted methods of estimating water use.

(d) A breakdown by type of use of the total quantity of authorized deliveries during the year accounted for by generally accepted methods of estimating water use and a description of methods employed to estimate water use.

(e) The estimated percentage of the total quantity of water from any source withdrawn, diverted or received by the municipal provider during the year that is lost water.

(f) The estimated percentage of the total quantity of water from any source withdrawn, diverted or received by the municipal provider during the year that is unaccounted for water.

(2) Exemption from Water Loss Survey

(a) A municipal provider that owns or operates an existing municipal distribution system, serves less than 500 people as of January 1, 1986, and whose annual report for calendar year 1985 demonstrates to the satisfaction of the Director that the total quantity of lost and unaccounted for water during that year is equal to or less than 15% of the total quantity of water from any source withdrawn, diverted or received

during that year is exempt from the water loss survey requirements in paragraph 9.a(1) of this Notice.

(b) A municipal provider that owns or operates an existing municipal distribution system and serves 500 or more people as of January 1, 1986 may apply to the Director no later than July 1, 1986 for an exemption from the water loss survey requirements prescribed in paragraph 9.a(1) of this Notice. The application shall be made on a form prescribed and furnished by the Director. The Director may approve an exemption if the applicant demonstrates to the satisfaction of the Director that all of the following apply:

(i) The applicant can accurately determine the total quantity of water from any source withdrawn, diverted or received during calendar year 1985.

(ii) The applicant has implemented an effective testing and replacement program for all water measuring devices used to determine the total quantity of water from any source withdrawn, diverted or received by the applicant and the total quantity of measured deliveries by the applicant of water from any source.

(iii) The total quantity of lost and unaccounted for water during calendar year 1985 is equal to or less than 10% of the total quantity of water from any source withdrawn, diverted or received by the applicant during the calendar year.

### (3) Water Loss Reduction Plan

Except as provided in paragraph 9.a(4) of this Notice, a municipal provider that owns or operates an existing municipal distribution system shall submit a water loss reduction plan to the Director no later than January 1, 1988. The water loss reduction plan shall include a schedule of system repairs or modifications, or both, designed to reduce, as expeditiously as economically reasonable, the total quantity of lost and unaccounted for water to the applicable percentage of the total quantity of water from any source withdrawn, diverted or received by the municipal provider. If the municipal provider serves less than 500 people as of January 1, 1986, the applicable percentage is 15%. If the municipal provider serves 500 or more people as of January 1, 1986, the applicable percentage is 10%. Each municipal provider required to submit a water loss reduction plan shall begin implementation of an approved plan no later than July 1, 1988.

### (4) Exemption from Water Loss Reduction Plan

(a) A municipal provider that owns or operates an existing municipal distribution system is exempt from the water loss reduction plan requirements prescribed in paragraph 9.a(3) of this Notice if any one of the following applies:

(i) The water loss survey submitted by the municipal provider pursuant to paragraph 9.a(1) of this Notice demonstrates to the satisfaction of the Director that the total quantity of lost and unaccounted for water during calendar year 1986 is equal to or less than the applicable percentage of the total quantity of water from any source withdrawn, diverted

or received by the municipal provider during that year. If the municipal provider serves less than 500 people as of January 1, 1986, the applicable percentage is 15%. If the municipal provider serves 500 or more people as of January 1, 1986, the applicable percentage is 10%.

(ii) The municipal provider is exempt from the water loss survey requirements pursuant to subparagraph 9.a(2)(a) of this Notice.

(iii) The Director has exempted the municipal provider from the water loss survey requirements pursuant to subparagraph 9.a(2)(b) of this Notice.

(b) A municipal provider that owns or operates an existing municipal distribution system and pursuant to subparagraph (a) of this paragraph is exempt from the water loss reduction plan requirements prescribed in paragraph 9.a(3) of this Notice shall operate and maintain its municipal distribution system in such a manner that, for the first full calendar year after the compliance date and for each succeeding calendar year until the effective date of any applicable conservation requirements prescribed in the second management plan, the total quantity of lost and unaccounted for water is equal to or less than the applicable percentage of the total quantity of water from any source withdrawn, diverted or received during the year by the municipal provider. If the municipal provider serves less than 500 people as of January 1, 1986, the applicable percentage is 15%. If the municipal provider serves 500 or more people as of January 1, 1986, the applicable percentage is 10%.

b. Conservation Requirements for New Municipal Distribution Systems

A new municipal distribution system shall be constructed, operated and maintained in such a manner that, for the first full calendar year that falls after the compliance date and after the system reaches 50% of its design capacity and for each succeeding calendar year until the effective date of any applicable conservation requirements in the second management plan, the total quantity of lost and unaccounted for water during the year is equal to or less than 10% of the total quantity of water from any source withdrawn, diverted or received by the municipal provider during the year.

## 10. Monitoring and Reporting Requirements

a. A municipal provider shall separately measure and report in its annual reports required by A.R.S. § 45-632:

(1) The total quantity of water from any source withdrawn, diverted or received annually.

(2) The total quantity of water from any source delivered annually to irrigation and non-irrigation uses.

(3) The quantity of water from any source, except effluent, delivered annually to residential uses.

(4) The quantity of water from any source, except effluent, delivered annually to non-residential uses.

(5) The quantity of water from any source delivered annually to each turf-related facility served by the municipal provider.

b. A municipal provider shall report in its annual reports required by A.R.S. § 45-632:

(1) The number of dwelling units served.

(2) For each existing turf-related facility and new turf-related facility served by the municipal provider:

(a) The total landscaped area.

(b) The newly turfed area.

(c) The total water surface area.

(3) For each new turf-related facility served by the municipal provider, the water surface area of any body or bodies of water filled and refilled with effluent.

(4) The total quantity of lost and unaccounted for water during the year.

(5) The percentage of the total quantity of water from any source withdrawn, diverted or received annually that is lost and unaccounted for water.

c. All measurements required by paragraph a of this subsection shall be made with a measuring device approved under A.C.R.R. R12-15-903 of the Department's Water Measuring Rules, and installed and operated in accordance with the accuracy criteria in A.C.R.,R. R12-15-904 of those rules.

NOTICE ISSUED BY

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Wesley E. Steiner  
Director

**ATTACHMENT 1**

**LOW WATER USING PLANT LIST  
TUCSON AMA**

The Low Water Using Plant List for the Tucson AMA is filed in the Department's Phoenix Office. A copy of the list is available upon request from the Tucson AMA office or the Public Information Officer in the Department's Phoenix office.

**PROCEDURE FOR MODIFICATION OF LOW WATER USING PLANT LIST FOR  
THE TUCSON AMA**

A. A person who seeks to add a plant or plants to the Low Water Using Plant List for the Tucson AMA or to delete a plant or plants from the list may apply at any time to the Director for a modification of the list. The application shall be made on a form prescribed and furnished by the Director.

B. The Director shall review each request for a modification of the Low Water Using Plant List. The Director may request additional information from the applicant and may seek information from other sources as may be necessary to determine whether the list should be modified.

C. If the Director approves the addition of a plant to the Low Water Using Plant List, the Director shall place the plant on a supplemental list that shall be considered an addendum to the Low Water Using Plant List. The supplemental list shall be available upon request from the Department's Public Information Officer or the office of the Tucson AMA.

D. If the Director approves the deletion of a plant from the Low Water Using Plant List, the Director shall delete the plant from the list when the Director issues the annual modified plant list pursuant to section E.

E. The Director shall conduct an annual review of the Low Water Using Plant List and issue a modified plant list no later than January 15 of the following year. As a result of the review, the Director may add plants to the list, delete plants from the list or both.

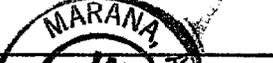
PS Form 3811, July 1983

**SENDER:** Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- Show to whom, date and address of delivery.
- Restricted Delivery.

56-0335  
 LDS Church  
 16501 N. Trico Rd.  
 Marana, Arizona 85238

4. Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	Article Number <b>P-673-297-917</b> <b>SEE ABOVE</b>
Always obtain signature of addressee or agent and <b>DATE DELIVERED.</b>	
5. Signature - Addressee X	
6. Signature - Agent X	
7. Date of Delivery	
8. Addressee's Address (ONLY if registered and fee paid)	

DOMESTIC RETURN RECEIPT



UNITED STATES POSTAL SERVICE  
OFFICIAL BUSINESS



PENALTY FOR PRIVATE  
USE, \$300

**SENDER INSTRUCTIONS**  
Print your name, address, and ZIP Code in the space below.

- Complete Items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

STATE OF ARIZONA  
DEPARTMENT OF WATER RESOURCES  
TUCSON ACTIVE MANAGEMENT AREA

RETURN TO 

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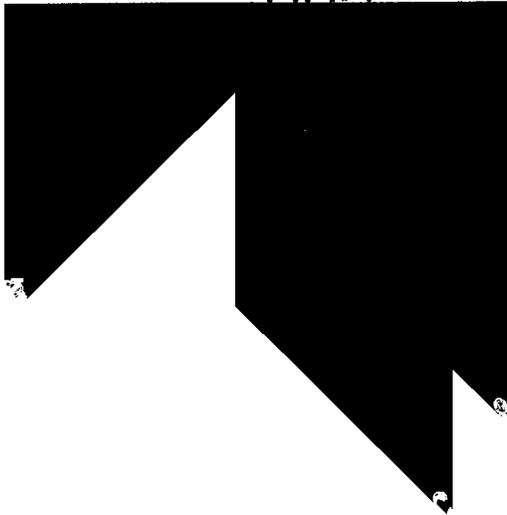
(Name of Sender)  
371 S. MEYER

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(No. and Street, Apt., Suite, P.O. Box or R.D. No.)  
TUCSON, AZ 85701

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(City, State, and ZIP Code)



AFFIDAVIT OF MAILING

The foregoing is a copy of the Official Notice of Municipal Conservation Requirements and Monitoring and Reporting Requirements for Existing Small Providers and New Providers, which was sent by certified mail this 28th day of December, 1984, to:

56-0335  
— LDS Church  
16501 N. Trico Rd.  
— Marana, Arizona 85238

*SR*

Steve Rossi

# 1987 ANNUAL WATER WITHDRAWAL AND USE REPORT

## ARIZONA DEPARTMENT OF WATER RESOURCES

15 SOUTH 15th AVENUE  
PHOENIX, ARIZONA 85007  
602-255-1581

**INPUT**

### SUMMARY PAGE

AMA TUCSON

DWR-AR-1-87

PART I GROUNDWATER WITHDRAWN	
From Line 10, Schedule A attached	
NOTE: Complete this section only if you operate a non-exempt well. If not, go to Part III below.	
<u>21</u> ACRE-FEET	X 1.50 Withdrawal Fee = \$ <u>31.50</u>
PART II GROUNDWATER DELIVERED TO OTHER RIGHTS	
From Line 9, Schedule D attached	
<u>21.00</u> ACRE-FEET	<u>10.50</u>
PART III WATER RECEIVED FROM OTHER SOURCES	
From Line 8, Schedule E attached	
<u>0</u> ACRE-FEET	
PART IV TOTAL WATER USED BY THIS RIGHT	
Calculate as follows: Part I + Part III - Part II	
<u>21</u> ACRE-FEET	
LATE FEE CALCULATION (For Reports Filed after March 31)	
Number of months late (maximum of 6 months)	<input type="checkbox"/>
Note: A portion of a month after March 31 is accounted for as a full month	
Late Report Fee ( <u>INPUT</u> \$2.00 x number of months late)	= \$ <input type="text"/>
Late Payment Fee (10% per month of the withdrawal fee calculated in Part I above)	= \$ <input type="text"/>
TOTAL FEES DUE (add amounts in this column)	= \$ <u>31.50</u>

GROUNDWATER RIGHT DESCRIPTION AND NUMBER	
SERVICE AREA	56-000335.0000
TYPE	NUMBER

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources, to the address shown in the upper right. If mailed, the report must be postmarked no later than March 31, 1988. If hand delivered, the report must be received by the Department's Operation Division or local AMA office no later than 5:00 PM on March 31, 1988.

REPORTS FILED AFTER MARCH 31, 1988 ARE SUBJECT TO LATE FEES AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS.

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X [Signature] MANAGER 3-22-88  
 AUTHORIZED SIGNATURE TITLE DATE  
 DANIEL K. POST 1-682-4410  
 PRINTED NAME TELEPHONE NUMBER



OWNER OF GROUNDWATER RIGHT  
 L D S CHURCH  
 16501 N TRICO RD  
 MARANA AZ 85653

REPORTING PARTY 56-000335.0000  
 LDS CHURCH  
 C/O DAN POST  
 16501 N TRICO RD  
 MARANA AZ 85653

If any of the information preprinted on this report is incorrect, please make the necessary changes.

A( 1 ) F( 1 )  
 W2( 1 )



# WORKSHEET W-2

56-000335.0000

## PIPE FLOW WITH PUMPAGE CALCULATED USING ELECTRICAL ENERGY RECORDS

DWRAR 10-84

NOTE: This method cannot be used when energy meter serves other uses.

### INSTRUCTIONS

1. Enter DWR Well Registration No. & Location. Enter in (1).
2. Enter type, make, model & size of measuring device used to measure pipe flow. If measuring device is permanent, enter date installed or last overhauled. Enter in (2).
3. Enter Power Co. Name & Account No. & Meter No. Enter in (3).
4. Enter Kr & Kh from electric meter. Enter in (4).
5. Compute Factor A by multiplying Kr by Kh. Enter in (5).
6. Enter the inside diameter of the well discharge pipe (inches). Enter in (6).
7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement. **A MINIMUM OF TWO MEASUREMENTS IS REQUIRED.** These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge. Enter in (7).
8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B. Enter in (8).
9. Repeat the same procedure for the no. of seconds column to obtain the average seconds which is designated as Factor C. Enter in (9).
10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider. Enter in (10).
11. Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiply by" factor on your bill. Enter in (11).
12. Divide the total Energy Consumption entered in Item 11 by the value computed in Item 10 to obtain the total groundwater withdrawn by the well. Enter in (12).

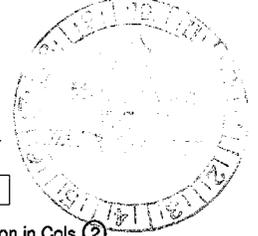
\* The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained," and the Kr is not used in computing Factor A (K<sub>r</sub>-Factor A). Contact the metering department of your electric company to determine if you electric meter is self-contained, if you are not sure.

THE INFORMATION CONTAINED IN THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A REPORT WAS PROVIDED AND COMPILED BY THE CUSTOMER OR THEIR ENERGY SUPPLIER.

<p>(1) DWR WELL REGISTRATION NO. <u>55-642033</u></p> <p>(2) TYPE OF MEASURING DEVICE <u>Annubar - Eagle Eye</u> MAKE <u>Austriach Standard</u> MODEL <u>AWR-73</u> SIZE <u>3.5"</u> INSTALLATION OR OVERHAUL DATE</p> <p>(3) POWER CO. NAME <u>TRICO</u> ACCOUNT NO. <u>664604</u> ELECTRIC METER NO. <u>58-992-516</u></p> <p>(4) Kr <u>10</u> Kh <u>14.4</u></p> <p>(5) FACTOR A = <u>14.4</u> = Kr x Kh</p> <p>(6) INSIDE DIAMETER <u>3.548"</u> (inches)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DATE OF MEASUREMENT</th> <th>DIFFERENTIAL or VELOCITY HEAD (Specify Units)</th> <th>DISCHARGE (Gals/Min)</th> <th>NO. OF SECONDS FOR 10 REVS</th> </tr> <tr> <td><u>6-18-89</u></td> <td><u>10.3</u></td> <td><u>170</u></td> <td><u>51</u></td> </tr> <tr> <td><u>12-30-89</u></td> <td><u>10.3</u></td> <td><u>170</u></td> <td><u>50</u></td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>TOTALS</b></td> <td><u>340</u></td> <td><u>101</u></td> </tr> </table> <p>(8) AVE. DISCHARGE <u>170</u> FACTOR B</p> <p>(9) AVE. SECONDS <u>51</u> FACTOR C</p> <p>(10) DIVIDER = <math>19,550 \times \frac{A \times 10}{B \times C}</math> = <u>325</u></p> <p>(11) ENERGY CONSUMPTION FOR THE YEAR <u>6880</u> Kw hrs</p> <p>(12) GROUNDWATER WITHDRAWN = <math>\frac{\text{LINE 11}}{\text{LINE 10}}</math> = <u>21</u> ACRE FEET</p>	DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS	<u>6-18-89</u>	<u>10.3</u>	<u>170</u>	<u>51</u>	<u>12-30-89</u>	<u>10.3</u>	<u>170</u>	<u>50</u>	<b>TOTALS</b>		<u>340</u>	<u>101</u>	<p>LOCATION Q Q Q Sec Twn Rng <u>SW NW NE 3 11S 10E</u></p> <p>1400 10596473</p>
DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS														
<u>6-18-89</u>	<u>10.3</u>	<u>170</u>	<u>51</u>														
<u>12-30-89</u>	<u>10.3</u>	<u>170</u>	<u>50</u>														
<b>TOTALS</b>		<u>340</u>	<u>101</u>														

ENTER THE FOLLOWING ON SCHEDULE A

- Item 1 - DWR Well Reg No. & Location in Cols (2)
- Item 3 - Power Co. Name, Acct. No. and Meter No. in Col (3)
- Item 8 - Average Discharge in Col (8)
- Item 10 - Divider in Col (9)
- Item 11 - Energy Consumption in Col (6)
- Item 12 - Groundwater withdrawn in Col (4)



① DWR WELL REGISTRATION NO. \_\_\_\_\_ LOCATION  
 Q    Q    Q    Sec    Twn    Rng

② TYPE OF MEASURING DEVICE \_\_\_\_\_ MAKE \_\_\_\_\_  
 MODEL \_\_\_\_\_ SIZE \_\_\_\_\_  
 INSTALLATION OR OVERHAUL DATE \_\_\_\_\_

③ POWER CO. NAME \_\_\_\_\_ ACCOUNT NO. \_\_\_\_\_ ELECTRIC METER NO. \_\_\_\_\_

④ Kr \_\_\_\_\_ Kh \_\_\_\_\_

⑤ FACTOR A = \_\_\_\_\_ = Kr x Kh

⑥ INSIDE DIAMETER \_\_\_\_\_ (Inches)

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		<b>TOTALS</b>	

⑧ AVE. DISCHARGE \_\_\_\_\_ FACTOR B      ⑨ AVE. SECONDS \_\_\_\_\_ FACTOR C

⑩ DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C}$  = \_\_\_\_\_

⑪ ENERGY CONSUMPTION \_\_\_\_\_ Kw hrs FOR THE YEAR

⑫ GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = \_\_\_\_\_ ACRE FEET

ENTER THE FOLLOWING ON SCHEDULE A

- Item 1 - DWR Well Reg No. & Location in Cols ② .
- Item 3 - Power Co. Name, Acct. No. and Meter No. in Col ③ .
- Item 8 - Average Discharge in Col ⑧ .
- Item 10 - Divider in Col ⑩ .
- Item 11 - Energy Consumption in Col ⑪ .
- Item 12 - Groundwater withdrawn in Col ⑫ .

THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A

① DWR WELL REGISTRATION NO. \_\_\_\_\_ LOCATION  
 Q    Q    Q    Sec    Twn    Rng

② TYPE OF MEASURING DEVICE \_\_\_\_\_ MAKE \_\_\_\_\_  
 MODEL \_\_\_\_\_ SIZE \_\_\_\_\_  
 INSTALLATION OR OVERHAUL DATE \_\_\_\_\_

③ POWER CO. NAME \_\_\_\_\_ ACCOUNT NO. \_\_\_\_\_ ELECTRIC METER NO. \_\_\_\_\_

④ Kr \_\_\_\_\_ Kh \_\_\_\_\_

⑤ FACTOR A = \_\_\_\_\_ = Kr x Kh

⑥ INSIDE DIAMETER \_\_\_\_\_ (Inches)

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		<b>TOTALS</b>	

⑧ AVE. DISCHARGE \_\_\_\_\_ FACTOR B      ⑨ AVE. SECONDS \_\_\_\_\_ FACTOR C

⑩ DIVIDER =  $19,550 \times \frac{A \times 10}{B \times C}$  = \_\_\_\_\_

⑪ ENERGY CONSUMPTION \_\_\_\_\_ Kw hrs FOR THE YEAR

⑫ GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = \_\_\_\_\_ ACRE FEET

ENTER THE FOLLOWING ON SCHEDULE A

- Item 1 - DWR Well Reg No. & Location in Cols ② .
- Item 3 - Power Co. Name, Acct. No. and Meter No. in Col ③ .
- Item 8 - Average Discharge in Col ⑧ .
- Item 10 - Divider in Col ⑩ .
- Item 11 - Energy Consumption in Col ⑪ .
- Item 12 - Groundwater withdrawn in Col ⑫ .

THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A

100037

ARIZONA DEPT. OF WATER RESOURCES

GROUNDWATER RIGHT NO

# WORKSHEET W-2

56-000335.0000

## PIPE FLOW WITH PUMPAGE CALCULATED USING ELECTRICAL ENERGY RECORDS

DWRAR 10-84

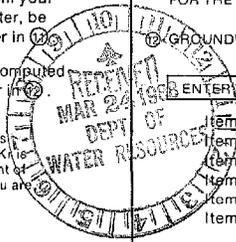
### INSTRUCTIONS

Electric-6-19-87  
1205

- Enter DWR Well Registration No. & Location. Enter in ①.
- Enter type, make, model & size of measuring device used to measure pipe flow. If measuring device is permanent, enter date installed or last overhauled. Enter in ②.
- Enter Power Co. Name & Acct. No. & Meter No. Enter in ③.
- Enter Kr & Kh from Electric Meter. Enter in ④.
- Compute Factor A by multiplying Kr by Kh. Enter in ⑤.
- Enter inside diameter of the well discharge pipe (inches). Enter in ⑥.
- Enter the date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement. **A MINIMUM OF TWO MEASUREMENTS IS REQUIRED.** These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge. Enter in ⑦.
- Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B. Enter in ⑧.
- Repeat the same procedure for the no. of seconds column to obtain the average seconds which is designated as Factor C. Enter in ⑨.
- Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider. Enter in ⑩.
- Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiply by" factor on your bill. Enter in ⑪.
- Divide the total Energy Consumption entered in Item 11 by the value computed in Item 10 to obtain the total groundwater withdrawn by the well. Enter in ⑫.

The Kr is the multiplier factor indicated on the power bill. For some pump motors which are 200 amps or less, the electric meter may be "self-contained," and the Kr is not used in computing Factor A. (Kh=Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure.

ATTACH WORKSHEET TO SCHEDULE A.



HOUDE-

① DWR WELL REGISTRATION NO 55-62033	LOCATION					
	Q	Q	Q	Sec	Twn	Range
	SWNW NE 3 11S10E					

② TYPE OF MEASURING DEVICE ANNUBAR	EAGLE EYE	MAKE DIETERICH STANDARD
MODEL ANR 73C-9810		SIZE 3.5"
INSTALLATION OR OVERHAUL DATE		

③ POWER CO. NAME TRUCO	ACCOUNT NO. 664604	14 CD 10596473	ELECTRIC METER NO. 58-992-516
---------------------------	-----------------------	----------------	----------------------------------

④ Kr 10	Kh 14.4
------------	------------

⑤ FACTOR A = 14.4 = Kr \* Kh

⑥ INSIDE DIAMETER = 3.548 (inches)  
FORMULA 52.720

⑦ DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify units)	DISCHARGE (Gals/min)	NO. OF SECONDS FOR 10 REVS
6-18-87	10.3	170	51
12-30-87	10.3	170	50
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS*	
		340	101

⑧ AVE DISCHARGE = 170 FACTOR B      ⑨ AVE SECONDS = 51 FACTOR C

⑩ DIVIDER =  $19.560 \times \frac{A \times 10}{B \times C} = \underline{325}$

⑪ ENERGY CONSUMPTION = 6880 Kw hrs

⑫ GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}} = \underline{21}$  ACRE FEET

ENTER THE FOLLOWING ON SCHEDULE A

- Item 1 - DWR Well Reg. No. & Location in Col. ②
- Item 3 - Power Co. Name, Acct. No., and Meter No. in Col. ③
- Item 8 - Average Discharge in Col. ⑦
- Item 10 - Divider in Col. ⑩
- Item 11 - Energy Consumption in Col. ⑪
- Item 12 - Groundwater Withdrawn in Col. ⑫

THE INFORMATION CONTAINED IN THIS REPORT WAS PROVIDED AND COMPILED BY THE CUSTOMER OR THEIR ENERGY SUPPLIER.

# 1989 ANNUAL WATER WITHDRAWAL AND USE REPORT SUMMARY PAGE

AMA TUCSON

## ARIZONA DEPARTMENT OF WATER RESOURCES

15 SOUTH 15th AVENUE  
PHOENIX, ARIZONA 85007  
602-542-1581

MPD

RECEIVED APR 5 1990

DWR-AR-1-89

### GROUNDWATER RIGHT DESCRIPTION AND NUMBER

TYPE OF RIGHT

RIGHT/PERMIT NO.

SERVICE AREA

56-000335.0000

GENERAL LOCATION:

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 1990. If hand delivered, the report must be received by the Department's Operation Division or local AMA office no later than 5:00 PM on March 31, 1990.

This report must be filed even if no water was used on this right.

REPORTS FILED AFTER MARCH 31, 1990 ARE SUBJECT TO LATE FEES AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS. (ARS §45-632K)

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X

*Daniel K Post* Mgr 4-6-90

AUTHORIZED SIGNATURE

TITLE

DATE

Daniel K Post 791 2434

PRINTED NAME

TELEPHONE NUMBER

OWNER OF GROUNDWATER RIGHT

L D S CHURCH  
16501 N TRICO RD

MARANA AZ 85653

REPORTING PARTY

56-000335.0000

LDS CHURCH

DAN POST

16501 N. TRICO RD

MARANA

AZ 85653

If any of the information preprinted on this report is incorrect, please make the necessary changes.

A( 1 ) F( 1 )  
W2( 1 )

ORIGINAL

### PART I GROUNDWATER WITHDRAWN

From Line 10, Schedule A attached

Complete this section only if you operate a non-exempt well. If not, go to Part III below.

42 ACRE-FEET X 1.50 Withdrawal Fee = \$ 63.00

### PART II WATER DELIVERED TO OTHER RIGHTS

From Line 9, Schedule D attached

0 ACRE-FEET

### PART III WATER RECEIVED FROM OTHER RIGHTS

From Line 8, Schedule E attached

0 ACRE-FEET

### PART IV TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

42 ACRE-FEET

### PART V LATE FEES

Complete if filing after March 31

1) Enter number of months late

Note: A portion of a month after March 31 is accounted for as a full month

2) Calculate Late Report Fee (\$25.00 x number of months late) \$

3) Calculate Late Payment Fee (10% per month of the withdrawal fee calculated in Part I above) \$

TOTAL FEES DUE (add amounts in this column) \$ 63.00



**PIPE FLOW  
WITH PUMPAGE CALCULATED USING  
ELECTRICAL ENERGY RECORDS**

NOTE: This method cannot be used  
when energy meter  
serves other uses.  
DWR-AR-10-89

GROUNDWATER RIGHT/PERMIT NO.

56-000 335:0000

**WORKSHEET W-2**

READ INSTRUCTIONS CAREFULLY

RECEIVED APR 5 1990

1. Enter DWR Well Registration No. & Location.

DWR WELL REGISTRATION NO. <u>55-642033</u>	LOCATION Q Q Q Sec Twn Rng <u>SW NW NE 3 11S 10E</u>
---	--

2. Enter type, make, model & size of measuring device used to measure pipe flow. If measuring device is permanent, enter date installed or last overhauled.

TYPE OF MEASURING DEVICE <u>Annubar Eagle Eye</u>	MAKE <u>Dieterich Standard</u>
MODEL <u>ANR 75 C-9810</u>	SIZE <u>3.5"</u>
INSTALLATION OR OVERHAUL DATE	

3. Enter Power Co. Name & Account No. & Meter No.

POWER CO. NAME <u>TRICO</u>	ACCOUNT NO. <u>55407413</u>	ELECTRIC METER NO. <u>58992.516</u>
--------------------------------	--------------------------------	--

4. Enter Kr & Kh from electric meter.

\* The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained," and the Kr is not used in computing Factor A (Kh = Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure.

The Kh is the disk constant and is located on faceplate of the electric meter.

Kr <u>1</u>	Kh <u>14.4</u>
----------------	-------------------

5. Compute Factor A by multiplying Kr by Kh.

FACTOR A = 14.4 = Kr x Kh

6. Enter the inside diameter of the well discharge pipe (inches).

INSIDE DIAMETER 3.548 (inches)

7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement. **A MINIMUM OF TWO MEASUREMENTS IS REQUIRED.** These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge.

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals / Min)	NO. OF SECONDS FOR 10 REVS
<u>6-30-89</u>	<u>10.3"</u>	<u>169</u>	<u>52</u>
<u>12-23-89</u>	<u>10.3"</u>	<u>169</u>	<u>54</u>
<b>A MINIMUM OF TWO MEASUREMENTS IS REQUIRED</b>	<b>TOTALS</b>	<u>338</u>	<u>106</u>

8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B.

AVE. DISCHARGE 169  
FACTOR B

9. Repeat the same procedure for the no. of seconds column to obtain the average seconds which is designated as Factor C.

AVE. SECONDS 53  
FACTOR C

10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider.

DIVIDER = 19,550 x  $\frac{A \times 10}{B \times C}$  = 314

11. Enter ending electric meter reading 3915 KWH.

12. Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiply by" factor on your bill.

ENERGY CONSUMPTION 13340 THE INFORMATION CONTAINED IN THIS  
FOR THE YEAR Kw hrs REPORT WAS PROVIDED AND COMPILED  
BY THE CUSTOMER OR THEIR ENERGY  
SUPPLIER.

13. Divide the total Energy Consumption entered in Item 12 by the value computed in Item 10 to obtain the total Groundwater Withdrawn by the well.

GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 12}}{\text{LINE 10}}$  = 42  
ACRE FEET

ENTER THE FOLLOWING ON SCHEDULE A

- Item 1 - DWR Well Reg No. & Location in Col ②.
- Item 3 - Power Co. Name, Acct. No. and Meter No. in Col ③.
- Item 8 - Average Discharge in Col ⑧.
- Item 10 - Divider in Col ⑩.
- Item 12 - Energy Consumption in Col ⑫.
- Item 13 - Groundwater withdrawn in Col ⑭.

THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A

ORIGINAL



April 19, 1990

ARIZONA  
DEPARTMENT  
OF WATER  
RESOURCES

Rose Mofford, Governor  
N. W. Plummer  
Director

15 South 15th Avenue  
Phoenix, Arizona 85000

LDS Church  
c/o Dan Post  
16501 N. Trico Rd.  
Marana, AZ 85653

RE: Service Area Right No. 56-335

Dear Rightholder:

The 1989 Annual Water Withdrawal and Use Reports for the above-referenced rights were filed after the statutory March 31, 1990 deadline. Your report was filed on April 5, 1990.

The penalty for not filing the report on time is \$25.00 each month or portion of month that the report is late, per A.R.S. §45-632.K. The penalty for not paying the proper withdrawal fees by March 31, 1990, is ten percent (10%) per month or portion of a month of the unpaid balance, up to a maximum of sixty percent (60%), per A.R.S. §45-614.E.

Your check #286, in the amount of \$63.00 has been applied to the fees owed for this right in 1989. The late filing fee and late payment fees are listed below:

The amount owed for Right No. 56-335 is as follows:

One month late filing fee	\$25.00
One month (10%) late payment fee	6.30
TOTAL AMOUNT DUE	<u>\$31.30</u>

Please send your check in the amount of \$31.30 to this office on or before April 30, 1990, in order to avoid further penalties. Be sure to write the groundwater right number on the face of the check to ensure proper credit. If you have any questions regarding this matter, please call Mr. Al Ramsey at 542-1581.

Sincerely,

Richard A. Gessner  
Chief, Operations Division

RAG:ba

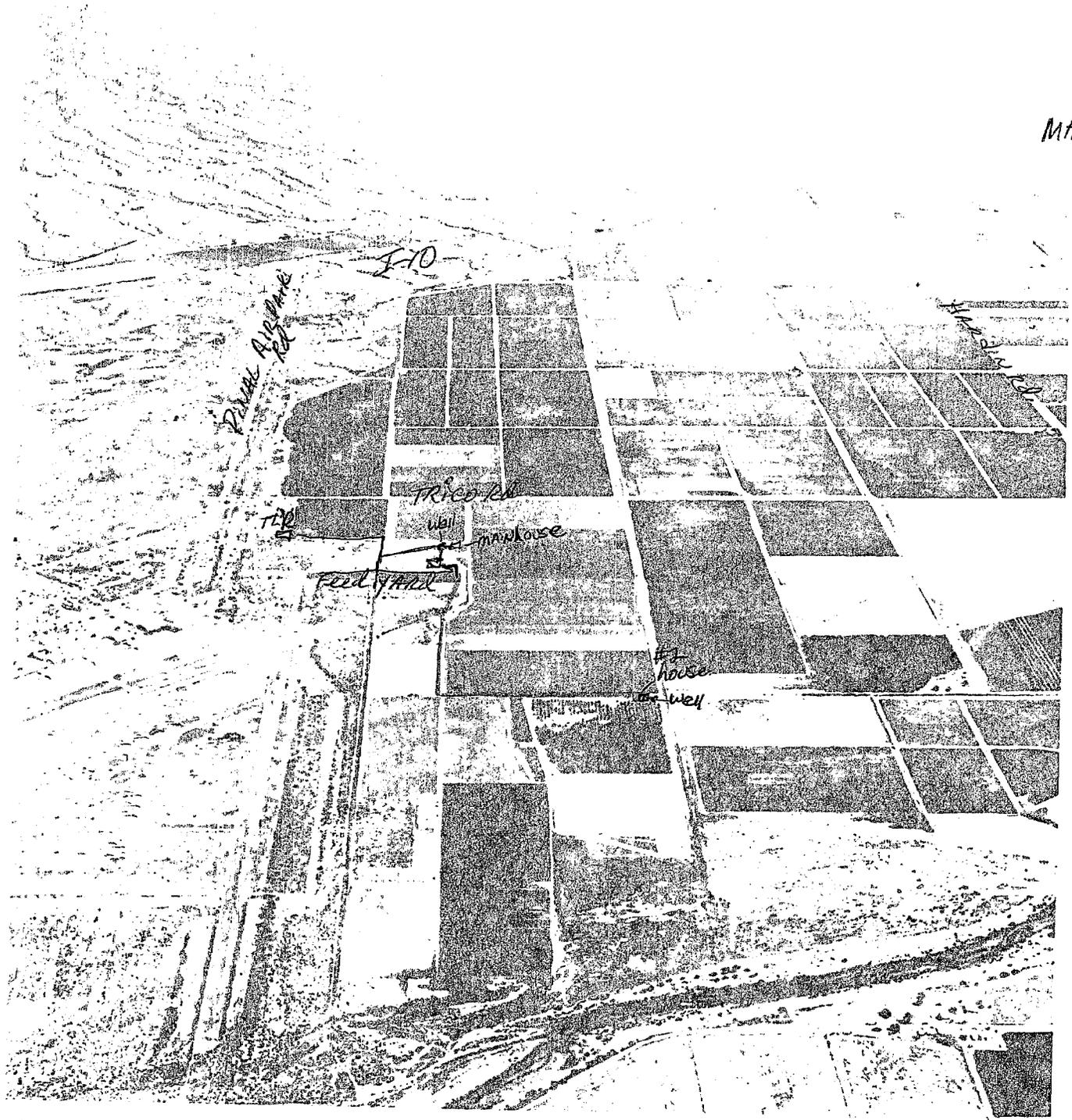
AMA: Phoenix

Lds. Church Farm Domestic Lines 1989

3/90

RECEIVED APR 5 1990

MARANA



- Existing Lines  
- NEW LINE

# 1992 ANNUAL WATER WITHDRAWAL AND USE REPORT SUMMARY PAGE

RECEIVED ARIZONA DEPARTMENT OF WATER RESOURCES

MAR 15 1993

15 SOUTH 15th AVENUE  
PHOENIX, ARIZONA 85007  
602-542-1581

**INPUT**

DWR-AR-1-92

AMA TUCSON

## PART I GROUNDWATER WITHDRAWN

From Line 10, Schedule A attached

Complete this section only if you operate a non-exempt well. If not, go to Part III below.

13,1976 ACRE-FEET x 3.00 Withdrawal Fee = \$36.52

## PART II WATER DELIVERED TO OTHER RIGHTS

From Line 10, Schedule D attached

0 ACRE-FEET

## PART III WATER RECEIVED FROM OTHER RIGHTS

Total from Part 1, 2 and 3, Schedule E attached

0 ACRE-FEET

## PART IV TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

13,1976 ACRE-FEET

## PART V LATE FEES

Complete if filing after March 31. Note: A portion of a month after March 31 is counted as a full month

- 1) Enter number of months late \_\_\_\_\_ (Maximum of 6)
- 2) Calculate Late Report Fee \_\_\_\_\_ (\$25.00 x number of months late)
- 3) Calculate Late Payment Fee \_\_\_\_\_ (10% x number of months late x withdrawal fee from Part I above)

\$ \_\_\_\_\_

\$ \_\_\_\_\_

\$ \_\_\_\_\_

TOTAL FEES DUE (add amounts in this column) \$36.52

## GROUNDWATER RIGHT DESCRIPTION AND NUMBER

TYPE OF RIGHT

SERVICE AREA

RIGHT/PERMIT NO.

56-000335.0000

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 1993. If hand delivered, the report must be received by the Department's Operation Division or local AMA office no later than 5:00 PM on March 31, 1993.

**THIS REPORT MUST BE FILED EVEN IF NO WATER WAS USED ON THIS RIGHT.**

REPORTS FILED AFTER MARCH 31, 1993 ARE SUBJECT TO LATE FEES AND PAYMENT OF PREVIOUSLY WAVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS. (ARS §45-892K)

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X Daniel K. Post Mgr 3-11-93

AUTHORIZED SIGNATURE

TITLE

DATE

DANIEL K. POST 602 682 4410

PRINTED NAME

TELEPHONE NUMBER

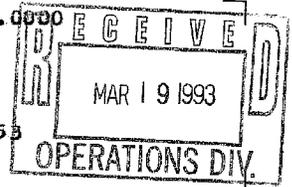
OWNER OF GROUNDWATER RIGHT

**L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653**

REPORTING PARTY

56-000335.0000

**L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653**



If any of the information preprinted on this report is incorrect, please make the necessary changes.

A( 1 ) E( 1 ) F( 1 )  
W2( 1 )

ORIGINAL, RETURN TO ADWR



**WORKSHEET W-2**

**PIPE FLOW  
WITH PUMPAGE CALCULATED USING  
ELECTRICAL ENERGY RECORDS**

RECEIVED  
MAR 15 1993  
cannot be used  
which energy meter  
serves other uses  
R-AR-10-92

GROUNDWATER RIGHT/PERMIT NO.  
56-000335.0000

READ INSTRUCTIONS CAREFULLY

1. Enter DWR Well Registration No. & Location.

DWR WELL REGISTRATION NO. <u>55-642033</u>	LOCATION					
	Q	Q	Q	Sec	Twn	Rng
	SW	NW	NE	<u>3</u>	<u>115</u>	<u>10E</u>

2. Enter type, make, model & size of measuring device used to measure pipe flow. If measuring device is permanent, enter date installed or last overhauled.

TYPE OF MEASURING DEVICE <u>ANNULAR - EAGLE EYE</u>	MAKE
MODEL <u>ANR-73 - C-9810</u>	SIZE <u>3"</u>
INSTALLATION OR OVERHAUL DATE	

3. Enter Power Co. Name & Account No. & Meter No.

POWER CO. NAME <u>TRICO</u>	ACCOUNT NO. <u>OWN Meter</u>	ELECTRIC METER NO. <u>58 992 516</u>
--------------------------------	---------------------------------	---

4. Enter Kr & Kh from electric meter.

\* The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained," and the Kr is not used in computing Factor A (Kh = Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure.

The Kh is the disk constant and is located on faceplate of the electric meter.

Kr <u>10</u>	Kh <u>144</u>
-----------------	------------------

5. Compute Factor A by multiplying Kr by Kh.

FACTOR A = 144 = Kr x Kh

6. Enter the inside diameter of the well discharge pipe (inches).

INSIDE DIAMETER 3. (inches)

7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement. **A MINIMUM OF TWO MEASUREMENTS IS REQUIRED.** These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge.

DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals / Min)	NO. OF SECONDS FOR 10 REVS
<u>6-19-92</u>	<u>8.6"</u>	<u>155</u>	<u>52</u>
<u>12-19-92</u>	<u>8.6"</u>	<u>155</u>	<u>54</u>
<b>A MINIMUM OF TWO MEASUREMENTS IS REQUIRED</b>			
<b>TOTALS</b>		<u>310</u>	<u>106</u>

8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B.

AVE. DISCHARGE 155  
FACTOR B

9. Repeat the same procedure for the no. of seconds column to obtain the average seconds which is designated as Factor C.

AVE. SECONDS 53  
FACTOR C

10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider.

DIVIDER =  $19.550 \times \frac{A \times 10}{B \times C} = \frac{342.69}{}$

11. Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiply by" factor on your bill.

ENERGY CONSUMPTION 4180  
FOR THE YEAR Kw hrs

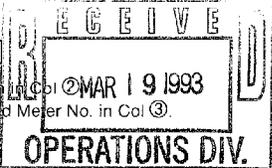
12. Divide the total Energy Consumption entered in item 11 by the value computed in Item 10 to obtain the total Groundwater Withdrawn by the well.

GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}} = \frac{18.1976}{}$   
ACRE FEET

THE INFORMATION CONTAINED IN THIS REPORT WAS PROVIDED AND COMPILED BY THE CUSTOMER OR THEIR ENERGY SUPPLIER.

ENTER THE FOLLOWING ON SCHEDULE A

- Item 1 - DWR Well Reg No. & Location in Col ①
- Item 3 - Power Co. Name, Acct No. and Meter No. in Col ③
- Item 8 - Average Discharge in Col ⑧
- Item 10 - Divider in Col ⑩
- Item 11 - Energy Consumption in Col ⑪
- Item 12 - Groundwater withdrawn in Col ⑫



THIS WORKSHEET MUST BE SUBMITTED WITH SCHEDULE A ORIGINAL, RETURN TO ADWR

# SCHEDULE E

WATER RECEIVED FROM OTHER SOURCES  
AMA - TUCSON

RECEIVED  
MAR 15 1993

ARIZONA DEPT. OF  
WATER RESOURCES  
DWR-AR-6-92

**INSTRUCTIONS**

**Irrigation Grandfathered Right Holders** - Use Part 1 for all water received from an irrigation district. Spill water will not be charged to your flexibility account. The amount of effluent and surface water charged to your flexibility account may differ from the amounts actually received. Contact DWR for more information.

**Municipal Providers** - Use Part 1 for the water received from an irrigation district, including CAP water from an irrigation district. Use Part 3 for CAP water received from CAWCD or from another municipal provider. Spill water and effluent will not be used to determine compliance with your GPCD target.

**Type 1 Rights** - Do not report sources other than groundwater. If you receive groundwater from a source other than an irrigation district, the amount of water received from each well must be reported.

**Type 2 Rights and Groundwater Withdrawal Permits** - Do not report sources other than groundwater. The amount of groundwater received from each well must be reported. Any well used must be reported. Any well used must be listed on your Type 2 certificate or groundwater withdrawal permit.

GROUNDWATER RIGHT/PERMIT NO.  
**56-000335-0000**

OWNER  
**L D S CHURCH**

**PART 1 - WATER RECEIVED FROM IRRIGATION DISTRICTS**

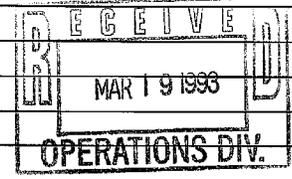
PRIMARY DISTRICT Provider no. 57 - _____ Name of Irrigation district _____ Your district user/account number _____ Number of acres eligible to receive surface water _____	TYPE OF WATER		ACRE-FEET RECEIVED
	SURFACE WATER	GROUNDWATER	
		Decreed/Appropriative	
		Normal Flow	
		Spillwater	
	CAP		

**PART 2**

SECONDARY DISTRICT Provider no. 57 - _____ Name _____	EFFLUENT	ACRE-FEET RECEIVED
	GROUNDWATER	

**PART 3 - WATER RECEIVED OR DIVERTED FROM SOURCES OTHER THAN IRRIGATION DISTRICTS**

TYPE OF WATER	RIGHT NO. SUPPLYING WATER	DWR WELL NUMBER	HOW MEASURED OR ESTIMATED	ACRE-FEET RECEIVED
GROUNDWATER		55-		
		55-		
		55-		
		55-		
		55-		
CAP				
DECREEED/APPROP. SURF. WTR				
EFFLUENT				
TAILWATER				



Total acre-feet of received and diverted water  
(add amounts from PARTS 1, 2, and 3.  
ENTER TOTAL ON PART III of Summary Page.

○

ORIGINAL, RETURN TO ADWR

# 1996 ANNUAL WATER WITHDRAWAL AND USE REPORT - PROVIDER SUMMARY

A 1  
F 1  
W2 1

OWNER OF GROUNDWATER RIGHT

TYPE OF RIGHT

*INPUT*

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653

SERVICE AREA

RIGHT/PERMIT NO.

56-000335.0000

16

REPORTING PARTY

56-000335.0000

TUCSON AMA

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



TUCSON AMA

(602) 628-6758

If any of the information preprinted on this report is incorrect, please make the necessary changes.

### PART I GROUNDWATER WITHDRAWN

From Box 10, Schedule A attached

Complete this section only if you operate a non-exempt well.

2.947 3.00 \$ 8.84

ACRE-FEET X Withdrawal Fee =

### PART V TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

2.947 ACRE-FEET

### PART VI LATE FEES

Complete if filing after March 31. Note: A portion of a month after March 31 is counted as a full month

1) Enter number of months late          (Maximum of 6)

2) Calculate Late Report Fee          \$           
(\$25.00 X number of months late)

3) Calculate Late Payment Fee          \$           
(10% X number of months late X withdrawal fee calculated in Part I above)

### PART VII TOTAL FEES DUE

Add amounts from Parts I and VI \$ 8.84

### PART II WATER DELIVERED TO OTHER RIGHTS

From Box 10, Schedule D attached

0 ACRE-FEET

### PART III WATER RECEIVED FROM OTHER RIGHTS

Total from Schedule E attached

0 ACRE-FEET

### PART IV WATER DELIVERED TO INDIV USERS

From Schedule F1 or Schedule F2 attached

2.947 ACRE-FEET

Mail or hand deliver this report, together with the appropriate schedules, worksheets and fees to the Arizona Department of Water Resources. If mailed, the report must be postmarked no later than March 31, 1997. If hand delivered, the report must be received by the Department's Records Management Unit or local AMA office no later than 5:00 PM on March 31, 1997.

THIS REPORT MUST BE FILED EVEN IF NO WATER WAS USED PURSUANT TO THIS RIGHT.

REPORTS FILED AFTER MARCH 31, 1997 ARE SUBJECT TO LATE FEES (ARS § 45-632) AND PAYMENT OF PREVIOUSLY WAIVED MONETARY PENALTIES ASSOCIATED WITH PRIOR GROUNDWATER CODE VIOLATIONS.

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.

X *Daniel K. Post*  
AUTHORIZED SIGNATURE

Manager  
TITLE

3-20-97  
DATE

DANIEL K. Post  
PRINTED NAME

520-682-4410  
TELEPHONE NUMBER

# ARIZONA DEPARTMENT OF WATER RESOURCES



FIFE SYMINGTON  
Governor

RITA P. PEARSON  
Director

January 15, 1997

Dear Provider:

Enclosed are your Annual Water Withdrawal and Use Report forms for calendar year 1996. These forms are printed on the reverse side of this letter. This report is for service area right holders who withdraw groundwater from their own wells, who may receive water from others, and who may deliver water to other right holders or individual users. The Department has preprinted certain information from our records onto these forms. Please pay particular attention to schedules and worksheets. If any of the preprinted information is incorrect, please make the necessary changes. Please note that a separate annual report must be filed for each right you own or lease. Separate checks should be enclosed to cover the fees associated with each right and the right number should be written on the check.

The Groundwater Code requires that each person who owns a right to withdraw groundwater in an **Active Management Area** must file an annual report, even if no groundwater was used. Persons who did not withdraw water during 1996 are required to return the forms with zeros in the appropriate blanks.

**Reports must be received by the Department or postmarked no later than March 31, 1997.** The penalty for filing late is \$25.00 per month or part of a month that the report is late up to \$150.00. In addition, if you withdrew groundwater, and did not pay the fee on time or did not pay the proper fee, the penalty is 10% of the unpaid fee per month or part of a month that the fees are delinquent, up to a maximum of 60% of the unpaid balance.

If your water right has been sold, both the buyer and seller are responsible for notifying the Department of the conveyance. **The owner of the right as of December 31, 1996 is responsible for filing an annual report covering the entire calendar year.** Please contact your AMA office for conveyance forms and instructions.

We have tried to provide you with the proper forms according to information in our files. The law does specify, however, that failure to receive the proper forms does not relieve a person of the responsibility of keeping the required records or filing the required reports. You may want to copy this report for your records.

If you need help or have questions, contact your AMA office listed on the Summary page of your report.

Sincerely,

Jim Holway  
Assistant Director  
Groundwater Management Division



# SCHEDULE A

## REPORT OF GROUNDWATER WITHDRAWALS

ARIZONA DEPT. OF WATER RESOURCES

### INSTRUCTIONS

If any information pre-printed on this form is incorrect, please make the needed corrections. For that information not already preprinted on this form, please follow the directions below.

Enter owner name and groundwater right number, if not already shown, in

Enter DWR well registration number and location of each well, if not already shown, in

Enter power company name, account number and meter number, if not already shown, in

Enter device type used to measure withdrawals, if not already shown, in  (see list below).

If energy meter serves uses other than the well, indicate "Y" in ; if energy meter does not serve other uses (meter is dedicated to the well) indicate "N" in

Enter energy consumed by well and units of measure from appropriate worksheet in

If device types 2 through 6 are used, indicate the average discharge and divider or total hours from the appropriate worksheet in  and

Enter total acre-feet of groundwater withdrawn for each well, as calculated on attached worksheets, in

Enter grand total acre-feet withdrawn in  and in Part I of the Summary Page.

DEVICE  
TYPE

1. Pumpage measured by meter or other totalizer/recorder devices (use worksheet W-1)
2. Pipeflow with pumpage calculated using electrical energy records (use worksheet W-2)
3. Pipeflow with pumpage calculated using natural gas energy records (use worksheet W-3)
4. Open channel flow with pumpage calculated using electrical energy records (use worksheet W-4)
5. Open channel flow with pumpage calculated using natural gas energy records (use worksheet W-5)
6. Pumpage calculated using hour meters (use worksheet W-6)

### MEASURING DEVICE MALFUNCTION

Pursuant to A.C.R.R. R12-15-906, a measuring device that fails to perform for more than seventy two (72) hours must be reported to the Department of Water Resources within seven (7) calendar days after the discovery of the malfunction. Corrective action must be taken within 30 days, and estimates of withdrawals made during the period the device was out of service must be provided. A Measuring Device Malfunction Report is available on request.

NOTE: A WORKSHEET MUST BE ATTACHED FOR EACH WELL FROM WHICH WATER WAS WITHDRAWN.

# WORKSHEET W-2 1996

1 DWR WELL REGISTRATION NO. <b>55-642033</b>	10	40	160	LOCATION		
	Q	Q	Q	Sec	Twn	Rng
<b>SW NW NE 3 1/2 10E</b>						

2 TYPE OF MEASURING DEVICE <b>Annubar Eagle Eye</b>	MAKE <b>Dieterich Standard</b>
MODEL <b>ANR 75 C-9810</b>	SIZE <b>3.0"</b>
INSTALLATION OR OVERHAUL DATE	

3 POWER CO. NAME <b>TRICO</b>	ACCOUNT NO.	ELECTRIC METER NO. <b>58 99A 516</b>
----------------------------------	-------------	---

4 Kr <b>1</b>	Kh <b>14.4</b>
------------------	-------------------

5 FACTOR A = **14.4** = Kr x Kh      6 INSIDE DIAMETER **3.548** (inches)

7 DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
<b>3-27-96</b>	<b>9.6"</b>	<b>163</b>	<b>49.82</b>
<b>12-3-96</b>	<b>9.6"</b>	<b>163</b>	<b>52</b>
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	
		<b>326</b>	<b>101.82</b>

8 AVERAGE DISCHARGE <b>163</b>	9 AVERAGE SECONDS <b>50.91</b>
FACTOR B	FACTOR C

10 DIVIDER = 19,550 x  $\frac{A \times 10}{B \times C}$  = **339.248**

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS = **1000**

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  = **2.947** ACRE FEET

1 DWR WELL REGISTRATION NO.	10	40	160	LOCATION		
	Q	Q	Q	Sec	Twn	Rng

2 TYPE OF MEASURING DEVICE	MAKE
MODEL	SIZE
INSTALLATION OR OVERHAUL DATE	

3 POWER CO. NAME	ACCOUNT NO.	ELECTRIC METER NO.
------------------	-------------	--------------------

4 Kr	Kh
------	----

5 FACTOR A =  = Kr x Kh      6 INSIDE DIAMETER  (inches)

7 DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE	9 AVERAGE SECONDS
FACTOR B	FACTOR C

10 DIVIDER = 19,550 x  $\frac{A \times 10}{B \times C}$  =

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS =

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  =  ACRE FEET

# GROUNDWATER RIGHT/PERMIT NO. 56-000335.0000

1 DWR WELL REGISTRATION NO.	10	40	160	LOCATION		
	Q	Q	Q	Sec	Twn	Rng

2 TYPE OF MEASURING DEVICE	MAKE
MODEL	SIZE
INSTALLATION OR OVERHAUL DATE	

3 POWER CO. NAME	ACCOUNT NO.	ELECTRIC METER NO.
------------------	-------------	--------------------

4 Kr	Kh
------	----

5 FACTOR A =  = Kr x Kh      6 INSIDE DIAMETER  (inches)

7 DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE	9 AVERAGE SECONDS
FACTOR B	FACTOR C

10 DIVIDER = 19,550 x  $\frac{A \times 10}{B \times C}$  =

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS =

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  =  ACRE FEET

1 DWR WELL REGISTRATION NO.	10	40	160	LOCATION		
	Q	Q	Q	Sec	Twn	Rng

2 TYPE OF MEASURING DEVICE	MAKE
MODEL	SIZE
INSTALLATION OR OVERHAUL DATE	

3 POWER CO. NAME	ACCOUNT NO.	ELECTRIC METER NO.
------------------	-------------	--------------------

4 Kr	Kh
------	----

5 FACTOR A =  = Kr x Kh      6 INSIDE DIAMETER  (inches)

7 DATE OF MEASUREMENT	DIFFERENTIAL or VELOCITY HEAD (Specify Units)	DISCHARGE (Gals/Min)	NO. OF SECONDS FOR 10 REVS
A MINIMUM OF TWO MEASUREMENTS IS REQUIRED		TOTALS	

8 AVERAGE DISCHARGE	9 AVERAGE SECONDS
FACTOR B	FACTOR C

10 DIVIDER = 19,550 x  $\frac{A \times 10}{B \times C}$  =

11 ENERGY CONSUMPTION FOR THE YEAR IN Kw HOURS =

12 GROUNDWATER WITHDRAWN =  $\frac{\text{LINE 11}}{\text{LINE 10}}$  =  ACRE FEET

ALL INFORMATION CONTAINED IN THIS REPORT WAS PROVIDED AND COMPILED BY THE CUSTOMER OR THEIR ENERGY SUPPLIER.

NOTE: This method cannot be used when energy meter serves other uses.

NOTE: If you are using one of the new digital power meters, call your local AMA office for further instructions.

## PIPE FLOW WITH PUMPAGE CALCULATED USING ELECTRICAL ENERGY RECORDS

### INSTRUCTIONS

1. Enter DWR Well Registration No. & Location in **[1]**.
2. If the meter has been changed during the reporting year, enter type, make, model & size of measuring device used to measure discharge in **[2]**. If the device is permanent, enter date installed or last overhauled.
3. Enter Power Co. Name & Account No. & Meter No. Enter in **[3]**.
4. Enter Kr & Kh from electric meter in **[4]**.  

The Kr is the multiplier factor indicated on the power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained", and the Kr is not used in computing Factor A (Kh=Factor A). Contact the metering department of your electric company to determine if your electric meter is self-contained, if you are not sure.

Kh is the disk constant and is located on the faceplate of the electric meter.
5. Compute Factor A by multiplying Kr by Kh in **[5]**.
6. Enter the inside diameter of the well discharge pipe (inches). Enter in **[6]**.
7. Enter date of measurement, differential or velocity head of the pipe flow, pump discharge, and the number of seconds it takes to turn the electric meter disk 10 revolutions, for each measurement taken. A MINIMUM OF TWO MEASUREMENTS IS REQUIRED. These measurements should be taken during the spring and in late summer if possible. Measuring more often produces more accurate results. It is desirable to operate the pump at least 24 hours before measuring the discharge. Enter in **[7]**.
8. Add the values in the discharge column and divide by the number of entries to obtain the average discharge which is designated as Factor B. Enter in **[8]**.
9. Repeat the same procedure for the no. of seconds column to obtain the average seconds which is designated as Factor C. Enter in **[9]**.
10. Enter Factor A, Factor B, and Factor C in the formula provided. Complete the calculation as shown to obtain the divider. Enter in **[10]**.
11. Enter the total Energy Consumption. This amount may be obtained from your electric energy bills. If you obtain this information by reading your meter, be sure to adjust the reading by the "multiply" factor on your bill. Enter in **[11]**.
12. Divide the total Energy Consumption entered in item 11 by the value computed in Item 10 to obtain the total groundwater withdrawn by the well. Enter in **[12]**.

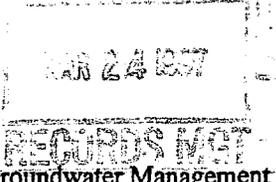
ENTER THE FOLLOWING ON SCHEDULE A OR PART I OF SCHEDULE A-GSF

**WORKSHEET      SCHEDULE A**

- Item 1 — DWR Well Reg No. & Location in Col **[2]** if not already shown.
- Item 3 — Power Co. Name, Acct. No. and Meter No. in Col **[3]**.
- Item 8 — Average Discharge in Col **[7]**.
- Item 10 — Divider in Col **[8]**.
- Item 11 — Energy Consumption in Col **[6]**.
- Item 12 — Groundwater withdrawn in Col **[9]**.

ARIZONA DEPARTMENT OF WATER RESOURCES

1996 SERVICE AREA MAP UPDATE



Provider Name: Lds Church Farm

Provider Number: 56-000335.000

According to A.R.S. 45-498 of the Arizona Groundwater Management Act, each city, town, private water company and irrigation district within an Active Management Area is required to maintain an accurate and current map delineating its service are and water distribution system.

If your service area boundaries or operating distribution system have not changed since January 1, 1996, indicate this below. If your service area boundaries or operating distribution system have changed since January 1, 1996, indicate this below and submit two copies of your revised service area map with your 1996 Annual Water withdrawal and Use Report no later than March 31, 1997. A duplicate copy of the service area map submitted to the Department shall be kept on file at your office.

Maps must be drawn to a scale of 1:31680 (2 inches to the mile) or larger and must contain all of the elements listed below:

1. The principal features of the operating distribution system including wells, water treatment plants, pumping stations, reservoirs and storage tanks, canals and water mains of a diameter greater than or equal to four (4) inches.
2. The diameter and linear miles of the mains and the capacity of other features of the operating distribution system.
3. The location and names of major streets which carry traffic through and around the service area.
4. Notations of the legal description of the area covered by the service area map. Such notations should include on the borders of the map the township(s) and range(s) covered by the map. Within the body of the map indicate the section(s) covered by the map.
5. Each map must be dated and signed by an authorized representative.

Service area boundaries and operating distribution system have not changed since January 1, 1996.

Service area boundaries or operating distribution system have changed since January 1, 1996. (Two copies of the revised map must be submitted with your annual report.)

\_\_\_\_\_  
Name (please print)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature/Date

\_\_\_\_\_  
Phone

**\*\*PLEASE ENCLOSE THIS SHEET WITH YOUR ANNUAL REPORT\*\***

ARIZONA DEPARTMENT OF WATER RESOURCES  
 1996 ANNUAL WATER USE REPORT  
 SCHEDULE F-1  
 SMALL WATER PROVIDER

RIGHT NUMBER: 56-000 335.000  
 PROVIDER NAME: LDS Church  
 CONTACT PERSON: DAN POST OR BRAD  
 PHONE NUMBER: 682-4410 OR 682-7135

Pursuant to Section 5-113 of the Second Management Plan (SMP) for the Tucson Active Management Area, small municipal water providers (those that supply 250 acre-feet/year or less) are required to supply the following information. Please contact the Tucson AMA at 770-3800 if assistance is needed.

PART 1 - DELIVERIES TO USE GROUPS

Please indicate the total quantity of water delivered (both metered and unmetered) to each of the following user groups for 1996.

a. Residential - include all uses of water related to service of residences (housing units) including both interior and exterior water use. This should include deliveries to multi-family housing complexes through master meters.

Metered \_\_\_\_\_ acre-feet  
 Unmetered 2,947 acre-feet  
 Total 2,947 acre-feet

b. Non-residential - include all water delivered for purposes other than residential, including turf-related facilities (item d below). Do not include effluent or deliveries to irrigation rights or other service area rights.

Metered 1 acre-feet Feedyard  
 Unmetered \_\_\_\_\_ acre-feet  
 Total ~~2,947~~ acre-feet

c. Total deliveries (add amounts in a and b above) 2,947 acre-feet

d. Turf-related facilities - include all non-effluent water delivered to facilities with ten or more acres of turf. These deliveries should be included in non-residential use (item b above). Please note that a Schedule G-2 must also be submitted for each turf-related facility receiving water from your system in 1996.

N/A acre-feet

e. Total effluent deliveries (not included in GPCD or lost water calculations) N/A acre-feet

Unmetered deliveries must be calculated using a generally accepted method of estimating water use. Explain below how any unmetered deliveries were calculated:

TOTAL Acft X 325,851 = Total Gallons ÷ # of household x Person/household 2.25 = Gpcd

(OVER)

1996 Schedule F-1, Page 2  
Right #56-000 3381000  
Provider Name: Lds Church Farm

**PART 2 - LOST AND UNACCOUNTED FOR WATER**

Lost and unaccounted for water is calculated by subtracting total deliveries from total water used. Effluent and deliveries to irrigation rights or other service areas are not included in the calculation.

- a) Total quantity of water used (from Part V of the Annual Report Provider Summary): 2947 acre-feet  
b) Total metered and unmetered deliveries (Part 1c above): 2947 acre-feet  
c) Lost and unaccounted for water (subtract Part 2b from 2a above): 0 acre-feet  
d) Percent of lost and unaccounted for water:

$$\frac{\text{lost and unaccounted for water (Part 2c)}}{\text{total used (Part 2a)}} \text{ AF} \div \text{AF} \times 100 = \text{Percent } \underline{N/A}$$

**PART 3 - HOUSING UNITS SERVED**

A housing unit means a group of rooms or a single room occupied as separate living quarters. Housing unit includes a single family home, a patio home, a townhouse, a condominium, an apartment, a permanently setup mobile home or a unit in a multifamily complex. Housing unit does not include a mobile home in an overnight or limited stay mobile home park or a unit in a campground, motel, hotel, or other temporary lodging facility.

- a) "Single family housing unit" means a detached dwelling, including permanently setup mobile homes not in mobile home parks.

Indicate net change in single family housing units (not service connections) in your service area between July 1, 1995 and July 1, 1996:

0 units

- b) "Multifamily housing unit" means a mobile home in a mobile home park and any permanent housing unit having one or more common walls with another housing unit located in a multifamily residential structure, and includes a unit in a duplex, triplex, fourplex, condominium development, townhome development or apartment complex.

Indicate net change in multifamily housing units (not service connections) in your service area between July 1, 1995 and July 1, 1996:

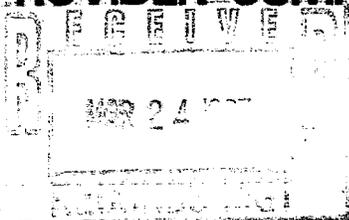
0 units

# 1996 ANNUAL WATER WITHDRAWAL AND USE REPORT - PROVIDER SUMMARY

A 1  
F 1  
W2 1

OWNER OF GROUNDWATER RIGHT

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



TYPE OF RIGHT

SERVICE AREA

RIGHT/PERMIT NO.

56-000335.0000

16

REPORTING PARTY

56-000335.0000

TUCSON AMA

L D S CHURCH  
C/O DANIEL K. POST  
16501 N. TRICO RD.  
MARANA AZ 85653



TUCSON AMA

(602) 628-6758

If any of the information preprinted on this report is incorrect, please make the necessary changes.

### PART I GROUNDWATER WITHDRAWN

From Box 10, Schedule A attached

Complete this section only if you operate a non-exempt well.

2.947 ACRE-FEET x Withdrawal Fee = \$ 8.84

### PART II WATER DELIVERED TO OTHER RIGHTS

From Box 10, Schedule D attached

0 ACRE-FEET

### PART III WATER RECEIVED FROM OTHER RIGHTS

Total from Schedule E attached

0 ACRE-FEET

### PART IV WATER DELIVERED TO INDIV USERS

From Schedule F1 or Schedule F2 attached

2.947 ACRE-FEET

### PART V TOTAL WATER USED BY THIS RIGHT

Calculate as follows: Part I + Part III - Part II

2.947 ACRE-FEET

### PART VI LATE FEES

Complete if filing after March 31. Note: A portion of a month after March 31 is counted as a full month

- 1) Enter number of months late          (Maximum of 6)
- 2) Calculate Late Report Fee          (\$25.00 X number of months late)
- 3) Calculate Late Payment Fee          (10% X number of months late X withdrawal fee calculated in Part I above)

### PART VII TOTAL FEES DUE

Add amounts from Parts I and VI \$ 8.84

**TUCSON-MARANA FARM** 09-89  
16301 NORTH TRICO ROAD 602-682-4410  
MARANA, AZ 85653

**ZIONS BANK**  
Zions First National Bank  
Headquarters Office One Main Street  
Salt Lake City, Utah 84111

2156

PAY EIGHT AND 84/100

TO THE ORDER OF AZ DEPT WATER RESOURCES  
500 N. THIRD ST.  
PHOENIX AZ 85004

DATE 03-22-1997 AMOUNT \*\*\*\*\*8.84

TUCSON-MARANA FARM

31-5/1240