

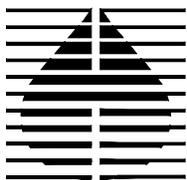
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DRAFT FINAL  
LAND AND WATER USE REPORT  
40<sup>TH</sup> AND OSBORN ROAD SITE

EAST CENTRAL PHOENIX  
WATER QUALITY ASSURANCE REVOLVING FUND SITE  
PHOENIX, ARIZONA

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## EXECUTIVE SUMMARY

The East Central Phoenix (ECP) Water Quality Assurance Revolving Fund (WQARF) Site – 40th and Osborn Road (the Site) is located in the 3900 block of North 40th Street near the intersection of Osborn Road. The Site is one of six ECP WQARF sites. The current Site boundary is an approximate circle about 400 feet in diameter encompassing the Salt River Project (SRP) Well 17.9E-7.5N (Figure F-1). Tetrachloroethene (PCE) is the contaminant of concern (COC) in the subsurface at the Site. The source of contamination has not been identified; however, several upgradient potential sources, including dry cleaning establishments, have been identified. These potential sources are from 0.75 to over one mile from the Site. Data collected to date have not shown a definitive correlation linking these sources to the observed Site contamination.

The land and water use study (use study) is required in accordance with Arizona Administrative Code (A.A.C.) R18-16-406(A)(3), which states that the remedial investigation (RI) shall identify current and reasonably foreseeable uses of land and waters of the state. As specified in A.A.C. R18-16-406(D), reasonably foreseeable uses of water are those likely to occur within 100 years.

In order to obtain consistent land and water use information from specified stakeholders, a standardized land and water use study questionnaire was prepared and mailed by ADEQ and ADEQ's consultant Hargis + Associates, Inc. (H+A) to Maricopa County (the County), municipalities, and utilities in the Site area. Questionnaires were completed and returned to ADEQ/H+A by City of Phoenix (COP), the County, and Salt River Project (SRP). The questionnaires requested specific information in the following areas:

- Property information
- On-site wells
- Water use
- Waste streams

Based on the land and water use study questionnaires and the answers returned to ADEQ, very limited, if any significant change to respondent properties would be expected to occur.

The entire Site is located within the COP. Arizona State law requires each city to have a General Plan that establishes policy for the city's physical development (Arizona Revised Statutes [A.R.S.] 9-461.05).

The COP General Plan includes goals, policies, and recommendations to guide land use and neighborhood development for the next 10 to 20 years and beyond. Thus, most of the discussion of land use centers on the COP General Plan, most recently amended in January 2013.

The COP is comprised of 15 "urban villages". The Site is located in the Camelback East Village (CEV). CEV has two primary cores: the 24th Street and Camelback Road core and the 44th Street and Van Buren Street core. The primary land use within the CEV and the Site is single family residential followed by multiple family residential and commercial.

The COP Water Services Department issued a water resources plan (Plan) in 2011. The plan includes water development and water use policies. Plans for specific groundwater development within the ECP Site are not addressed in the Plan.

Since 1985, groundwater use by the COP steadily declined due to the availability of Central Arizona Project (CAP) water, the development of SRP-based surface water supplies, and provisions in the State's Water Code (1919), updated by A.R.S. 9-461.05, which mandates groundwater use limitations. In effect, the Water Code and COP corresponding policy rely on groundwater as an essential supply to mitigate future water shortages. The COP currently meets over 95 percent of its demand with surface water sources. The COP also relies on groundwater to accommodate water system maintenance and as a back-up during temporary outages. The COP has the current capability of producing 28 million gallons per day (mgd) (15-20,000 acre-feet) per year, and typically withdraws between 6,000 and 9,000 acre-feet per year. Sufficient wells exist to produce more than 28 mgd, though rehabilitation and/or treatment may be needed to increase the yield due to aquifer contamination and aging well conditions.

In 2010, the Arizona Department of Water Resources (ADWR) approved the COP's application for a designation of assured water supply. This designation, reconfirmed the original approval by ADWR in 1998, and confirms the COP has sufficient water supplies to support existing customers and projected growth demands through the year 2025 for at least 100 years. The COP concludes in their Water Resources Plan that sustainable water supplies exist for all growth currently anticipated through 2060 under normal supply (non-shortage) conditions (COP, 2011).

Degraded groundwater constitutes a vast reserve of water for use in meeting the COP's future water needs. The COP maintains several wells within or adjacent to WQARF sites for emergency use and future use in meeting service area water needs; these wells could be placed back in service with the addition of wellhead treatment systems or approved blending programs. Also, the COP holds "Special Pump Rights" with SRP, which are rights to groundwater well capacity developed by SRP. The COP does not have any wells within one mile of the Site contaminant plumes.

SRP generally uses groundwater to supplement its surface water supply. Thus, annual use of groundwater fluctuates depending upon the availability of surface water. SRP currently has four groundwater supply wells within one mile of the within the ECP WQARF area. As the area becomes more urbanized, wells with suitable water quality may be shifted to municipal use. SRP indicated in their Land and Water Use Questionnaire response that all its properties within the vicinity of the ECP WQARF Area will remain in use over the next 100 years. Additionally, SRP anticipates its groundwater supply wells in the ECP WQARF Area will transition from irrigation to municipal service (potable supply) in the reasonably foreseeable future.

## 1.0 INTRODUCTION

The Arizona Department of Environmental Quality (ADEQ) has prepared this Land and Water Use Report for the East Central Phoenix (ECP) 40th and Osborn Road Site Water Quality Assurance Revolving Fund (WQARF) Site (the Site) to meet the requirements established under Arizona Administrative Code (A.A.C.) R18-16-406(D). The purpose of the report is to gather information regarding current and foreseeable uses of land or waters that have been or are threatened to be impacted by a contaminant release.

### 1.1 Process Overview

The process to complete the remedial investigation (RI) and select remedial objectives (ROs) begins with the completion of the Draft RI Report. Following the completion of the Draft RI Report, which includes the Land and Water Use Report, a public meeting is held to discuss the reports and solicit input for the selection of ROs. Typically, the public will be given 30 to 60 days to comment on the reports. Following the public meeting and comment period, ADEQ issues the Proposed RO Report. The ROs chosen for a site may be based on none, some, or all of the uses identified in the Land and Water Use Report. If there is significant public interest or additional information has been discovered, an additional public meeting to discuss the ROs is held. The Final RO Report is then prepared and included in the Final RI Report.

### 1.2 Land and Water Use Report

The purpose of the Land and Water Use Report is to gather information regarding current and “foreseeable” uses of land or waters that have been or are threatened to be impacted by a contaminant release, and to project time frames for future changes in those uses. Information gathered from discussions with property owners, water providers, municipalities, and well owners are to be included in the report.

In general, this Land and Water Use Report identifies various current and potential future uses of land and water in the vicinity of the Site. However, the report does not evaluate the uses, nor does it classify the use as “reasonably foreseeable”. The evaluation of uses will take place during public comment periods, and public meetings and will be presented in the Proposed RO Report.

### 1.3 Site Background

In the early 1980's, SRP Well 17.9E-7.5N was found to be contaminated with PCE, which is located in the 3900 block of North 40th Street in a residential neighborhood of Phoenix, Arizona (Figure F-1). The vicinity of SRP Well 17.9E-7.5N, now known as the 40th Street and Osborn Road Site (Site), was placed on the WQARF Registry List in May 2000 (ADEQ, 2000 and 2013). The vicinity of SRP Well 17.9E-7.5N has been investigated with regard to PCE in groundwater contamination.

Several phases of investigation have been conducted including soil vapor sample collection, and groundwater monitor well installation and sampling. The results of these investigations have indicated that volatile organic compounds (VOCs), primarily PCE, are present in the soil vapor and groundwater in the vicinity of the Site. The source of the dissolved-phase PCE groundwater at the Site is unknown (SECOR, 2008a). Literature reviews and record searches were performed in 1988, 2002, and 2009 to identify potential sources. A 1988 study, which covered the East Central Phoenix Study Area, identified Kachina Cleaners, The Cleaners of Phoenix, Inc. (The Cleaners), and Sandy's Magic Touch Cleaners as potential sources (Earth Technology Corporation [Earth Tech], 1988). A 2002 industrial survey did not identify any potential source areas within a 1/4 mile of the Site (HydroGeoLogic, Inc. [HGL] 2002). A 2009 city directory survey was performed to identify potential sources up and crossgradient of the Site and along Indian School Road, Osborn Road, 40th Street, and 44<sup>th</sup> Street (HGL, 2002).

The aquifer underlying the site is known as the Upper Alluvial Unit (UAU) Aquifer. The UAU extends to depths of approximately 400 feet below ground surface (feet bgs) in the surrounding area (Brown and Pool, 1989). It consists of basin fill sediments of sand and gravel proximal to the Salt and Gila Rivers and at the basin margins. In areas distal to the basin margins, which include the Site, the UAU is silt and sand and is significantly less thick. Typically, the UAU is considered an unconfined aquifer. Shallow groundwater beneath the Site and surrounding vicinity has historically flowed southwest and has a small gradient under non-pumping conditions.

### 1.4 General Groundwater Quality

Groundwater beneath the Site and the surrounding area generally contain concentrations of total dissolved solids (TDS) ranging from 500 milligrams per liter (mg/L) to slightly greater than 1,000 mg/L (Brown and Pool, 1989) (Thiros, S.A. et. al., 2010). The EPA has not set a maximum contaminant level for TDS, however, there is a secondary standard of 500 mg/L TDS for drinking water.

The secondary standards are non-enforceable guidelines regulating contaminants that may cause aesthetic effects in drinking water. The principal ions present within local groundwater include chloride, magnesium, sodium, and calcium (Reeter and Remick, 1986).

SRP provided the following water quality information from their wells located within the ECP WQARF Site, all of which show impacts:

SRP Well No.	ADWR 55 Registration	Approximate distance from 40/Osborn Site	Intersection (Local Area)	Maximum PCE Concentration (µg/L)	Maximum TCE Concentration (µg/L)
17.9E-7.5N	55-617857	At Site	40th/Osborn	<b>210</b>	<b>9.9</b>
17E-8N	55-608431	1 mile to the northwest	32nd/Indian School	<b>82</b>	1.5
17.1E-7.4N	55-607731	0.875 mile to the west	32nd/Osborn	<b>5.8</b>	ND
18E-7N	55-617849	0.5 mile to the south	40th/Thomas	ND	ND
18E-8.8N	55-617825	1.5 mile to the north	40th/Coolidge	1.1	ND
18.5E-7N	55-607712	0.75 mile to the southeast	43th/Thomas	ND	ND
18.6E-7.6N	55-202398	0.67 mile to the east	44th/Osborn	0.6	ND
19E-7.6N	55-608433	1.0625 mile to the east	48th/Whitton	ND	ND
19E-8.1N	55-607748	1.25 mile to the northeast	48th/Indian School	ND	ND

Note:

1. Bolded value indicates concentration detected above Aquifer Water Quality Standard.
2. Data obtained from SRP via questionnaire (See Appendix A).
3. ND – not detected.
4. µg/L – microgram per liter.

As mentioned above, PCE is the main COC that has been detected in groundwater samples collected from the Site wells. Trichloroethene (TCE) has also been detected in SRP well 17.9E-7.5N, at the 40th Street and Osborn Road Site. In May 2014 PCE and TCE were detected at concentrations of 28 and 1.8 micrograms per liter (µg/L) from a depth of 90.7 feet bls, in Site monitoring well BMW-02B, which is located approximately 1,000 feet upgradient of SRP well 17.9E-7.5N. The Aquifer Water Quality Standards (AWQS) for both PCE and TCE are 5 µg/L.

## 2.0 USE EVALUATION

The following sections outline current and foreseeable land and water uses for the Site and the surrounding area. Reasonably foreseeable uses for land are those uses of land likely to occur at the Site within a reasonable time period. Reasonably foreseeable uses of water are those likely to occur within 100 years unless a longer time period is shown to be reasonable based on site-specific circumstances [A.A.C. R18-16-406(D)].

### 2.1 Land and Water Use Questionnaires

In order to obtain consistent land and water use information from specified stakeholders, a standardized land and water use study questionnaire was prepared and mailed by ADEQ and Hargis + Associates, Inc. (H+A) to Maricopa County, municipalities, and utilities in the Site. Questionnaires were completed and returned to ADEQ/H+A, by City of Phoenix (COP), Maricopa County, and SRP; they are included in Attachment A.

The questionnaires requested specific information in the following areas:

- Property information
- On-site wells
- Water use
- Waste streams
- 

The information provided in the questionnaires was used in conjunction with the references identified in this section.

### 2.2 Land Use

The entire Site is located within the COP in Maricopa County. Arizona State law requires each city to have a General Plan that establishes policy for the city's physical development. The COP General Plan includes goals, policies, and recommendations to guide land use and neighborhood development for the next 10 to 20 years and beyond. Thus, most of the discussion of land use centers on the COP General Plan, most recently amended in January 2013. As indicated on the questionnaire, Maricopa County has no specified land or water uses within the ECP Site; however, it is important that any planned remediation coordinate with Maricopa County Air Quality Department for the necessary permits (i.e. dust control, VOC emissions, etc.).

The COP is comprised of 15 "urban villages" (Figure F-2) (COP, 2002). The Site is located in the center of the Camelback East Village (CEV) (Figure F-3) which covers an area of 36.3 square miles. CEV has two primary cores: 1) the 24th Street and Camelback Road core, comprised of office and retail shops, including movie theaters, major department stores, restaurants, and hotels; and 2) the 44th Street and Van Buren Street core an area of airport and regional offices uses along with a Chinese cultural center. The area around 44th Street and Thomas Road is considered the secondary core of the village. This village offers a range of housing diversity and neighborhood types evenly split in the number of single family and multi-family residences. Areas such as the Arcadia neighborhood consist of large acre lots while higher density residential developments surround the more concentrated centers like the CEV primary core. A major portion of the housing stock was built between 1950 and 1970, but new construction of both single family and multi-family homes continues.

There are five school districts represented in the entire CEV, three are located within the ECP WQARF Site: Scottsdale Unified School District, Phoenix Union School District, and Creighton School District. Christ Lutheran School, Monte Vista School (Creighton School District) and the Arcadia Learning Community (specifically, Tavan Elementary School, Arcadia Neighborhood Learning Center, and Arcadia High School) are located in the vicinity of the 40th Street and Osborn Road Site.

Each village located within the COP has a Planning Coordinator and a Village Planning Committee who have input into planning decisions for that community and to the COP mayor and Planning Commission.

Development in the area occurs consistent with zoning laws and must go through a site-planning review and permit process. The primary land use within the Site is single family residential (38%) followed by parks/open space (26%), multiple family residential (12%) and commercial/industrial (12%), public/transportation (8%). Four (4%) percent of the land within the village is reportedly vacant (COP, 2013). Current zoning districts in the Site are identified below and are shown on Figure F-4. A more detailed description of COP zoning designations can be found in Table F-1.

### **2.2.1 Current Site-Specific Land Use**

The current zoning designation for the 40th Street and Osborn Road Site is single family residential, church, and commercial (plant nursery) (Figure F-4) (COP, 2013).

### **2.2.2 Current Regional Land Use**

The current land use in and surrounding the Site is as follows (Figure F-4):

<b>Zoning District</b>	<b>Description</b>
C-O	Commercial Office – Restricted Commercial (CO prior to 1986)
C-1	Commercial – Neighborhood Retail
PAD-13	Planned Area Development (No longer available for rezoning)
R-4	Multiple Family Residence (Detached SF 5 to 6.5 or 12 w/bonus) (Attached 29 to 30.45 or 34.8 w/bonus)
R1-6	Single Family Residence (Density range of 5 to 5.5 or 6.5 with bonus)
R-O	Residential Office – Restricted Commercial

### **2.2.3 Future Land Use**

The CEV Planning Coordinator and CEV Planning Committee meet regularly to accept and review requests for zoning changes within the CEV. The COP response to their questionnaire indicated there are no current foreseeable plans to alter current zoning districts in the Site vicinity. Property owners can file to change the zoning designation of their property. Requests for zoning changes must go through a public hearing and be approved by the City Council prior to finalization.

In the 40th Street and Osborn Road area there may be possible redevelopment of the plant nursery to low-density multifamily residential.

### **2.3 Groundwater Use**

The Site lies within the Phoenix Active Management Area (AMA) (Figure F-5) (ADWR, 2014b). The Phoenix AMA was created by the Arizona Groundwater Management Code passed in 1980 and covers approximately 5,646 square miles in central Arizona. All groundwater withdrawn from any AMA must occur under a groundwater right or permit, unless groundwater is being withdrawn from an exempt well. An exempt well is a well with a maximum pumping capacity of 35 gallons per minute. Exempt wells may be used to withdraw groundwater only for non-irrigation purposes and are generally used for domestic purposes. All exempt wells must be registered with the ADWR. Non-exempt wells have a pumping capacity greater than 35 gallons per minute and are associated with one of the following types of rights or permits: Grandfathered rights, service area rights, and withdrawal permits.

According to ADWR records, there are ten (10) non-exempt withdrawal wells located within one-mile of the Site; all owned and operated by SRP (Table F-2) (Figure F-6) (ADWR, 2014a). ADWR records indicate that there are three (3) exempt withdrawal wells located within one-mile of the Site; all three wells have an intended use for domestic irrigation (ADWR, 2014a, and Attachment B). There are no grandfathered rights in the Site (ADWR, 2014c). The COP and SRP have service area rights in the Site, however, only SRP is currently pumping groundwater from beneath the Site.

Water levels in the UAU at the Site have been monitored since April 1992. During the period of record for the Site monitor wells, the depth to water has ranged from approximately 21 feet bgs in the mid 1990's to approximately 38 feet bgs in 2014. Groundwater elevations measured in Site wells during May 2014 are depicted on Figure F-7. The direction of groundwater flow historically has been to the southwest at a gradient of approximately 0.007. Vertical gradients between the shallow and deeper zones of the UAU monitored at the Site are generally negligible.

### **2.3.1 Municipality and Utility Groundwater Use**

The COP and SRP pump groundwater as needed when surface water supplies cannot meet their customer needs. The following sections discuss the current and future groundwater uses of the COP and SRP.

#### **2.3.1.1 Current City of Phoenix Needs**

The COP relies on four primary water supply sources: SRP, Central Arizona Project (CAP), groundwater pumped from COP wells, and reclaimed water (COP, 2011). SRP supplies water from the Salt and Verde Rivers to eligible lands within the Phoenix service areas which are generally south of the Arizona Canal. The remainder of the service area is supplied primarily by Colorado River water delivered by the CAP. Groundwater wells and reclaimed water make up the remainder of the COP water supplies. During normal supply years, approximately 50 percent of the COP water supply comes from SRP; 44 percent is from CAP; and approximately 3 percent is from groundwater pumpage and 3 percent reclaimed water. When SRP and/or CAP water supplies are reduced, the COP supplements water supplies with groundwater pumped from COP wells (COP, 2011).

Because of groundwater quality degradation due to the presence of industrial solvents such as PCE and TCE, the COP has abandoned or discontinued use of 20 wells (COP, 2011). This has resulted in a loss of approximately 23 million gallons per day of groundwater production.

The City of Phoenix total loss of well production due to elevated concentrations of organic and inorganic substances exceeds 90,000 acre-feet per year, according to the Water Resources Plan (COP, 2011), as a result of the closure of more than 60 wells (60 percent of the total production capacity of all COP wells). Any of these wells, if returned to service in the future, will require cleanup of the contaminated aquifers or the installation and operation of expensive wellhead treatment systems. No COP wells exist within one mile of the Site contaminant plume (Figure F-6).

### **2.3.1.2 Future City of Phoenix Needs**

According to information provided by COP, since 2002 (a peak demand year), the total water demand declined by more than 16%, although the service population of COP increased by approximately 8% (COP, 2011). The decrease in overall per-capita total water demand has been attributed to the increased efficiency in water use which declined by 25 percent between 1996 and 2011. Contributing factors in the decrease include improved plumbing fixture standards, smaller residential lots, fewer new pools, increased installation of desert landscaping in both new and existing homes, increased customer “water awareness,” and higher water rates.

Regional economic conditions are a large component of the future water demands, as well as the Phoenix General Plan for land development and recent trends in residential and commercial development. Growth projections for COP reflect annual growth rates of 1.0 percent (high), 0.8 percent (base level) and 0.6 percent (low) and are assumed to top out in the 2045-2055 period based on current COP boundaries. The low projection assumes that service area growth occurs at a slow pace and that existing customers continue to become more efficient without further incentives or regulation (moderate level). The high demand line reflects fast or high-density growth and no further efficiency improvements for existing and new customers. These rates are lower than those experienced during the 1990s and early 2000’s; as of Spring 2011, data indicate the actual growth rate for COP could be lower or stagnant for the next 5-10 years. The COP estimates that a “base level” consumption growth will develop at today’s efficiency levels and that current customers will remain stable. Possible “moderate efficiency” consumption gains are estimated at a 10% consumption reduction for existing customers and 5% reduction for post-2010 development by 2035. “High efficiency” consumption gains are estimated at a 20% reduction in consumption for existing customers and a 10% reduction for post-2010 customers by gain by 2035. However, there are numerous factors associated with growth and consumption that cannot be fully predicted and the consequences of this possible leveling off or increasing of demand will continue to be addressed in the COP General Plan and Water Resource Plan.

Uncertainty also exists regarding water resources and the ability to meet current and future demands (COP, 2011). The following items may affect the available COP water supply:

- Cyclical drought;
- Increasing demands in the Upper Colorado River Basin States (Utah, Colorado, Wyoming and New Mexico) affecting Arizona's supply of Colorado River water;
- The availability of water supplies from the Arizona Water Banking Authority to the CAP to offset shortages;
- Climate variability impacts on long-term flows, reservoir storage and deliveries by SRP and CAP;
- The probability of low reservoir conditions occurring in both watersheds simultaneously;
- State legal, institutional, or policy changes impacting surface water availability;
- The availability and volume of groundwater supplies without aquifer replenishment; and
- Impacts of increased groundwater pumping in the SRP watershed on river flow and reservoir storage.

If Colorado River flow should decline, allotment of CAP water for the COP and surface water supplies from SRP may be reduced if reservoir levels drop substantially and groundwater pumping cannot compensate the lack of surface water availability. As a buffer to potential surface water supply reductions, the COP has been recharging to underground storage or banking unused CAP allotments for future use (Figure F-8). However, high increases in consumption coupled with severe reductions in surface water supplies could deplete these reserves by 2020 (COP, 2011) (Figure F-9).

As part of their long-term deficit plan, COP developed a strategy to address a reasonable "worst case". These extreme conditions were modeled to represent deeper shortages than those observed in historic records. The "severe shortage" model scenario combined with the "high demand" scenario produces a maximum deficit of 165,000 acre-feet in the latter part of the 50 year planning horizon (COP, 2011).

Managing water use can be accomplished by continuing to increase efficiency of water distribution, curtailing demand, and monetary incentives, which can be addressed through infrastructure improvements, conservation programs, drought management plan, and water pricing strategies (COP, 2011). Alternate sources of water include expanded groundwater pumping, accessing water that has been stored for future use, importing water from the McMullen Valley farm, and purchasing water from other water providers (COP, 2011).

Besides obtaining additional surface water supplies, local groundwater is the most accessible alternate water source (COP, 2011). The COP has access to more than 3.5 million acre-feet of groundwater in the Phoenix service area over a 100 year period. Currently, the COP can produce 28 million gallons per day (mgd) (15-20,000 acre-feet) per year, but only withdraws between 6,000 and 9,000 acre-feet per year. Pumping capacity has been lost in the past two decades due to aquifer contamination and aging well conditions.

The most accessible alternate water source for COP is local groundwater; planning is ongoing for the expansion of well capacity within the service area (via well rehabilitation or the development of new service area wells). The COP plans to develop 15 additional wells at a cost of \$233 million to yield approximately 70,000 acre-feet per year; this increased yield would be allowable in any one year as long as the 100 year average usage does not exceed available groundwater and stored water credits (COP, 2011). Recent well development by the COP has occurred in northeast Phoenix area. However, as indicated in the COP questionnaire response, the COP currently has no plans to develop groundwater near or within the Site but will consider the area for well development in the future. Therefore, the potential exists for the COP to install future municipal wells within the Site or within one mile of the Site plume.

### **2.3.1.3 Current Salt River Project Needs**

As a water supplier, SRP delivers nearly a million acre-feet of water to the Phoenix area each year. In normal runoff years, most of the water is supplied from surface water on the Salt and Verde Watersheds. However, in more dry years, more groundwater must be pumped to supplement the surface water supply. During extended periods of low run off, groundwater can account for almost one-third of the total SRP water supply. Approximately 28 percent of the average annual municipal water demand in the Phoenix AMA, from 2001-2005, was supplied by groundwater (ADWR, 2014d).

Typically, groundwater comprises approximately 15% of the total water supplied by SRP to municipal treatment plants. The groundwater contribution varies seasonally with the highest contribution occurring March through August.

SRP operates and maintains nine (9) irrigation wells within a 1.5 mile radius from the 40th Street and Osborn Road Site, as discussed above (Figure F-6). SRP reported the most recent PCE concentrations in the wells historically containing PCE these wells as follows:

SRP Well No.	ADWR 55 Registration	Approximate distance from 40/Osborn Site	Intersection (Local Area)	Most Recent PCE Concentration (µg/L)
17.9E-7.5N	55-617857	At Site	40th/Osborn	3 (April 2013)
17E-8N	55-608431	1 mile to the northwest	32nd/Indian School	2.2 (June 2011)
17.1E-7.4N	55-607731	0.875 mile to the west	32nd/Osborn	0.5 (April 2014)
18E-8.8N	55-617825	1.5 mile to the north	40th/Coolidge	ND (June 2012)
18.6E-7.6N	55-202398	0.67 mile to the east	44th/Osborn	ND (April 2014)

As indicated above, no SRP wells in the 40th Street and Osborn Road Site area had PCE concentrations above the AWQS of 5 µg/L (Elliott, 2014a/b). As discussed previously, the source of PCE and TCE at the 40th Street and Osborn Road Site is unknown. Groundwater pumpage at these wells has been intermittent in the recent past, but the wells can be activated at any time.

#### **2.3.1.4 Future Salt River Project Needs**

Although recent use of the irrigation wells in and adjacent to the Site has been intermittent, SRP has no plans to eliminate any of these wells from their system. Based on demand analysis, SRP has indicated it will continue to need the wells in the area to remain operational, especially during dry years.

SRP anticipates all its properties in the vicinity of ECP WQARF Area will remain in use over the next 100 years. Additionally, SRP anticipates that its groundwater supply wells that are in the vicinity will transition from irrigation to municipal service (potable supply) within this time period.

Water shortage is an issue that can impact this Site and all of metropolitan Phoenix. As water quality issues compound the demand concerns already present with regard to anticipated climate change and already stressed water supplies. Water quality is a significant issue, as discussed above SRP expects its groundwater supply wells in the Site area will transition to potable supply in the future. The importance of groundwater and the ability to utilize the aquifer in local and large scale water management scenarios is critical to the future growth and wellbeing of the entire Phoenix metro-area. According to the questionnaire response, SRP does not plan on installing any new wells in the Site; however, this could change pending COP water needs.

### **2.3.2 Private Groundwater Use**

As discussed above, three (3) exempt wells are located within one-mile of the Site; all three wells have an intended use for domestic irrigation (ADWR, 2014a, and Attachment B). There is no documented private drinking use of groundwater within the Site (ADWR, 2014a).

### **2.4 Surface Water Use**

The nearest surface water body is the Arizona Canal, located approximately 1.25 miles to the northeast of the Site. The Site area is situated within an active flood irrigation district of SRP, which receives water from the Arizona Canal from SRP lateral canal 6.1 (Salt River Valley Water Users' Association, 1980). This water is used for residential irrigation (Figure F-10). SRP lateral 6.1 in the Site area receives water from the Arizona Canal, SRP well 17.9E-7.5N, and SRP 17E-8N. Water from the lateral canal is used for irrigation and also discharges into the Grand Canal. Grand Canal, also used for irrigation, is located approximately two (2) miles southwest of the Site. Future plans for the Grand Canal include a drinking water treatment plant that may be constructed at the end of the Grand Canal. The construction of the treatment plant would change the end use of the canal water requiring that water discharged to the canal meet stricter water quality criteria than what is currently required.

### 3.0 SUMMARY OF USES

The land and water uses described in Section 2.0 that are most likely to be relevant to the discussion of remedial objectives are presented below.

#### 3.1 Land Use

The zoning pattern in the area has been long established and there are no foreseeable changes for the future, other than possibly changing the plant nursery to low-density multifamily residential. Land uses for this Site are expected to remain predominantly residential.

#### 3.2 Groundwater Use

Current and future groundwater uses within the Site include the following:

- The COP anticipates the possible need for additional wells in and adjacent to the Site sometime in the future.
- The SRP owns four wells in and adjacent to the Site and will continue to need the wells to be operational to supplement surface water supplies. SRP has indicated that they may change water usage from irrigation to drinking water within the foreseeable future.

#### 3.3 Surface Water Use

Currently, surface water uses within the Site are only for residential irrigation.

#### 4.0 REFERENCES

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TABLES

**TABLE F-1  
City of Phoenix Zoning Districts with Brief Descriptions**

<b>Zoning District</b>	<b>Description</b>
S-1	Ranch or Farm
S-2	Ranch or Farm Commercial
RE-43	One Family Residence (43,560 sq. ft. min.)(No longer available for rezoning)
RE-24	One Family Residence (24,000 sq. ft. min.)(No longer available for rezoning)
R1-14	One Family Residence (14,000 sq. ft. min.)(No longer available for rezoning)
RE-35	Single Family Residence (density range of 1.1 to 1.15 or 1.32 w/ bonus)
R1-18	Single Family Residence (density range of 1.95 to 2.05 or 2.34 w/bonus)
R1-10	Single Family Residence (density range of 3 to 3.5 or 4.5 w/bonus)
R1-8	Single Family Residence (density range of 4 to 4.5 or 5.5 w/bonus)
R1-6	Single Family Residence (density range of 5 to 5.5 or 6.5 w/bonus)
R-2	Multiple Family Residence (Detached SF 5 to 6.5 or 12 w/bonus) (Attached 10 to 10.5 or 12 w/bonus)
R-3	Multiple Family Residence (Detached SF 5 to 6.5 or 12 w/bonus) (Attached 14.5 to 15.23 or 17.4 w/bonus)
R-3A	Multiple Family Residence (Detached SF 5 to 6.5 or 12 w/bonus) (Attached 22 to 23.1 or 26.4 w/bonus)
R-4	Multiple Family Residence (Detached SF 5 to 6.5 or 12 w/bonus) (Attached 29 to 30.45 or 34.8 w/bonus)
R-5	Multiple Family Residence (Detached SF 5 to 6.5 or 12 w/bonus) (Attached 43.5 to 45.68 or 52.2 w/bonus)
R-4A	Multiple Family Residence (Dependent on lot area and unit type)
R-O	Residential Office – Restricted Commercial
C-O	Commercial Office – Restricted Commercial (C-O prior to 1986)
C-O/G-O	Commercial Office – General Office Option (Minimum 1 gross acre)
C-O/M-O	Commercial Office – Major Office Option (Minimum 5 gross acres)
C-1	Commercial – Neighborhood Retail
C-2	Commercial – Intermediate Commercial
C-3	Commercial – General Commercial
CP/SU	Commerce Park – Single User Option
CP/RP	Commerce Park – Research Park Option
CP/BP	Commerce Park – Business Park Option
CP/GCP	Commerce Park – General Commerce Park Option
IP or Ind. Pk.	Industrial Park (See CP) (No longer available for rezoning)
A-1	Light Industrial
A-2	Industrial
RH	Resort
RI	Residential Infill (Combined w/underlying zoning)
HR	High-Rise and High Density (Combined w/underlying zoning)
HR1	High-Rise and High Density (Downtown Area) (Combined w/underlying zoning)
HRI	High-Rise Incentive – High-Rise and Mixed Use (Combined w/underlying zoning)
MR PAD	Mid-Rise (Combined w/underlying zoning)
PCD	Planned Community District (Combined w/underlying zoning or approved zoning)
PSC	Planned Shopping Center (No longer available for rezoning)
RSC	Regional Shopping Center (No longer available for rezoning)
P-1	Passenger Automobile Parking, Limited (Surface parking)
P-2	Parking (Surface parking and parking structures)
GC	Golf Course
UR	Urban Residential (May apply between 7th Ave. to 7th St. & Lincoln St. to Grand
DC	Downtown Core (Underlying zoning for Fillmore to Harrison & 7th St. to 3rd Ave.)
W	Warehouse Overlay (Combined w/underlying zoning) (Applies to specific area near
Warehouse Parking	(Combined w/underlying zoning)
Capitol Mall Overlay	(Combined w/underlying zoning) (Applies to specific area near the Capitol)
SP	Special Permit (Combined w/underlying zoning) (Allows a number of specific uses not
MUA	Mixed Use Agricultural (Should be designated as MUA on the General Plan)
HCRO	Historic Canal-Side Restaurant Overlay (Combined w/underlying zoning) (Applies to
Baseline Area Overlay	(Combined w/underlying zoning) (Applies between Central to 40th St. & Southern to
Arcadia Camelback Special Planning District	(Combined w/underlying zoning) (Applies along Camelback Rd. from 44th St. to the
Desert Character Overlay	(Combined w/underlying zoning) (Applies to North Land Use Plan area)
NBCC	North Black Canyon Overlay (Combined w/underlying zoning) (Specific guidelines for
RSIO	Rio Salado Interim Overlay (Combined w/underlying zoning) (Applies between I-17/I-
HP	Historic Preservation Overlay (Combined w/underlying zoning)
CCSIO	Central City South Interim Overlay (Combined w/underlying zoning) (Applies to
Four Corners Overlay	(Applies to specific area near 24th St. & Broadway Rd.)
SPVTABDO	South Phoenix Village and Target Area B Design Overlay (Applies to specific areas
PSC Overlay	Planned Shopping Center Overlay
SPD	Special Planning District (Combined w/underlying zoning) (Applies to specific
EBRO	East Buckeye Road Overlay District (Combined w/underlying zoning) (Applies to
DVAO	Deer Valley Airport Overlay District (Combined w/underlying zoning) (Applies to
ACOD	Arts, Culture and Small Business Overlay District (Combined w/underlying zoning)
HRO	Hatcher Road Overlay (Combined w/underlying zoning) (Applies to specific area on
Downtown Code	A code to implement the Downtown Phoenix Plan increased mix of land uses, and
PUD	Planned Unit Development Individually tailored standards to create a built
TOD-1	Interim Transit-Oriented District One, to encourage appropriate mixture/density of
TOD-2	Interim Transit-Oriented District Two, to encourage appropriate mixture/density of
SAUMSO	Seventh Avenue Urban Main Street Overlay District (Combined w/underlying zoning)
NCASPD	North Central Avenue SPD Overlay District (Combined w/underlying zoning) Provide
AIO	Airport Noise Impact Overlay District (Combined w/underlying zoning) (Applies to
FH	Flood Hazard and Erosion Management District (Combined w/underlying zoning)

Note: See Section 608 of the Zoning Ordinance to calculate bonus points for residential development.

Source: [www.phoenix.gov/pdd/pz](http://www.phoenix.gov/pdd/pz)  
Revised 7/3/13

**TABLE F-2**  
**GROUNDWATER WITHDRAWAL WELLS WITHIN ONE MILE OF THE SITE**  
**EAST CENTRAL PHOENIX 40TH STREET AND OSBORN ROAD SITE**  
**REMEDIAL INVESTIGATION - LAND AND WATER USE SURVEY**

55-REGISTRY ID	GWSI SITE	CADASTRAL	OWNER NAME	SRP Well No.	WELL TYPE	WELL DEPTH (FT BGS)	CASING DEPTH (FT BGS)	CASING DIAMETER (IN)	APPLICATION DATE	INSTALLED DATE	WATER LEVEL (FT BGS)	PUMP RATE (GPM)	UTM-X (METERS)	UTM-Y (METERS)
202398	332918111590701	A02004030ACC	Salt River Project	18.6E-7.6N	Non-Exempt	207	207	21	3/15/2004	12/30/2004	27	0	408419.8	3705868
501994	NR	A02004030BCA	Peterson, D D	NA	Exempt	65	85	4	*2/3/1982	1/1/1981	19	0	407829.4	3706089
607672	332853112000801	A02003025DCC	Salt River Project	17.5E-7N	Non-Exempt	202	188	12	*5/18/1982	10/1/1923	89	563	406803.9	3705103
607712	332849111591201	A02004030CDD	Salt River Project	18.5E-7N	Non-Exempt	172	172	12	*5/18/1982	9/20/1923	17	880	408205.2	3705070
607731	332915112004301	A02003025CBB	Salt River Project	17.1E-7.4N	Non-Exempt	400	400	18	*5/18/1982	4/21/1962	53	1196	406004.9	3705727
607748	332942111584101	A02004020CCC	Salt River Project	19E-8.1N	Non-Exempt	305	305	18	*5/18/1982	6/18/1971	17	808	409232.8	3706647
608431	332941112004301	A02003025BBB	Salt River Project	17E-8N	Non-Exempt	250	250	18	*5/11/1982	8/20/1964	52	1232	406012.9	3706543
608433	332926111584101	A02004030ADA	Salt River Project	19E-7.6N	Non-Exempt	150	150	12	*5/11/1982	3/8/1921	17	500	409018.8	3706050
617825	333026111594501	A02003024ADA	Salt River Project	18E-8.8N	Non-Exempt	417	417	16	*5/26/1982	1/1/1945	37	1457	407451.9	3707744
617849	332848111594201	A02003036AAA	Salt River Project	18E-7N	Non-Exempt	305	305	18	*5/26/1982	7/16/1971	22	954	407407.3	3704891
617857	332913111594601	A02003025DAA	Salt River Project	17.9E-7.5N	Non-Exempt	300	300	18	*5/26/1982	5/4/1965	24	1114	407421.7	3705699
634799	332858111593001	A02004030CCA	Abbey, D R	NA	Exempt	100	70	4	*5/26/1982	10/1/1979	23	10	407813.3	3705284
807925	NR	A02003024DBC	Thiher, L	NA	Exempt	0	0	0	*8/24/1999	prior to 1980	0	0	406831.8	3707137

**Dewatering permit November 20, 1995-February 20, 1996**

552114	NR	A02004031BBB	Flood Control District, Maricopa County	NA	Non-Exempt	0	0	0	11/20/1995	NR	0	0	407607.1	3704886
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**Well never drilled**

623899	NR	A02004030CDO	B.O.L.S. 44 Partners	NA	Non-Exempt	0	0	0	6/14/1982	NR	0	0	408108.3	3705174
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**Abandoned September 1996**

807366	NR	A02004030DBC	Johns, R F	NA	Exempt	63	0	4	9/17/1996	NR	0	0	408411.5	3705466
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**NOTES:**

Exempt - A well having a pump with a maximum capacity of not more than 35 GPM which is used to withdraw groundwater pursuant to A.R.S. § 45-454 and A.R.S. § 45-402(8).

FT BGS - Feet below ground surface

GPM - Gallons per minute

GWSI - Groundwater Site Inventory

IN - Inches

NA - Not Applicable

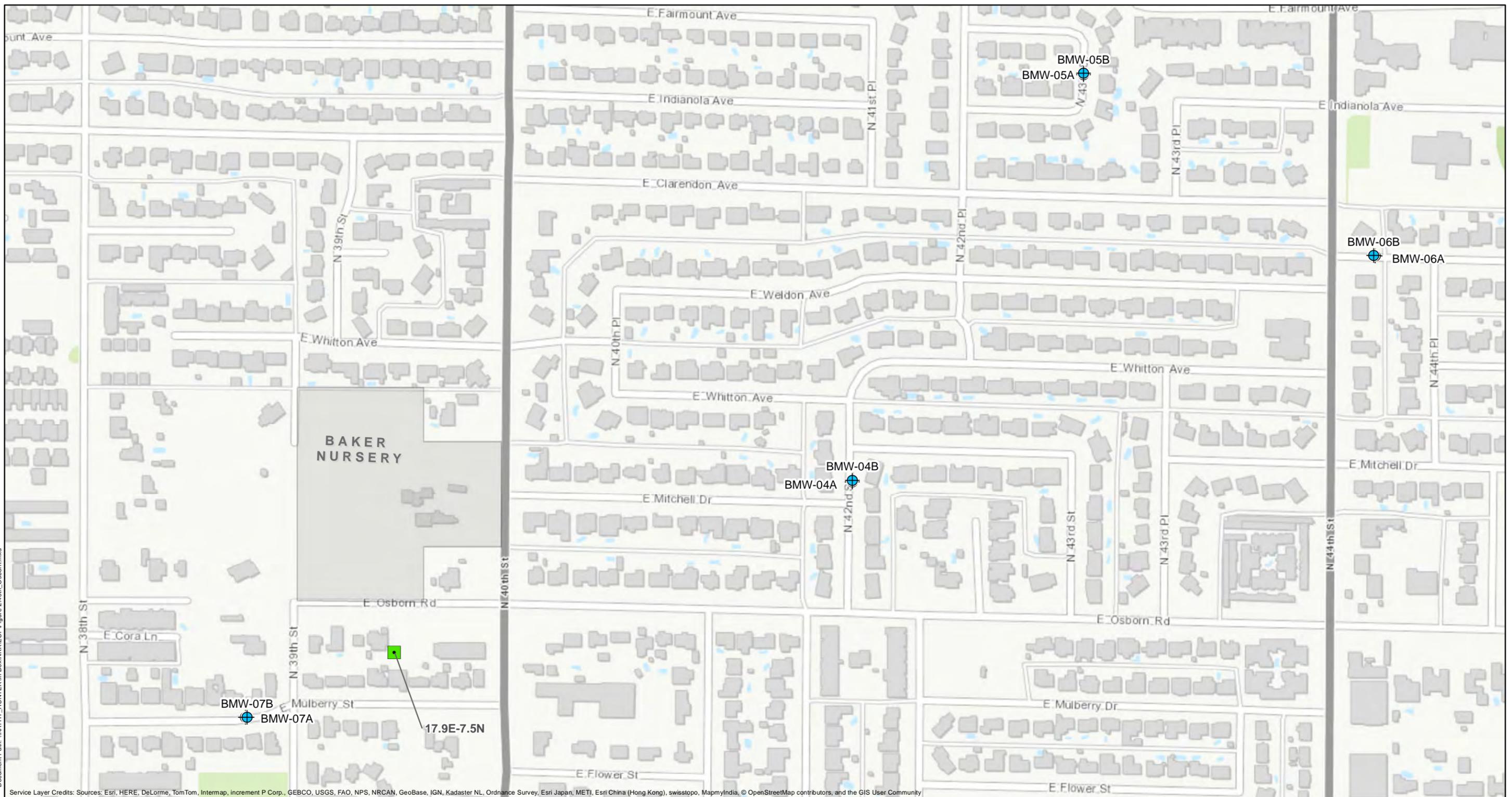
NR - Not Reported

Non-exempt - A well drilled within an Active Management Area drilled pursuant to a groundwater right authorized by A.R.S. Title 45, Chapter 2, Article 5, a service area right authorized by A.R.S. Title 45, Chapter 2, Article 6, or a groundwater withdrawal permit authorized by A.R.S. Title 45, Chapter 2, Article 7.

\* Date well registered with Arizona Department of Water Resources

FIGURES

Document Path: \\KATHY\_HUNTER\in-Box\KRC\CP\Figure 240th\_Osborn.mxd



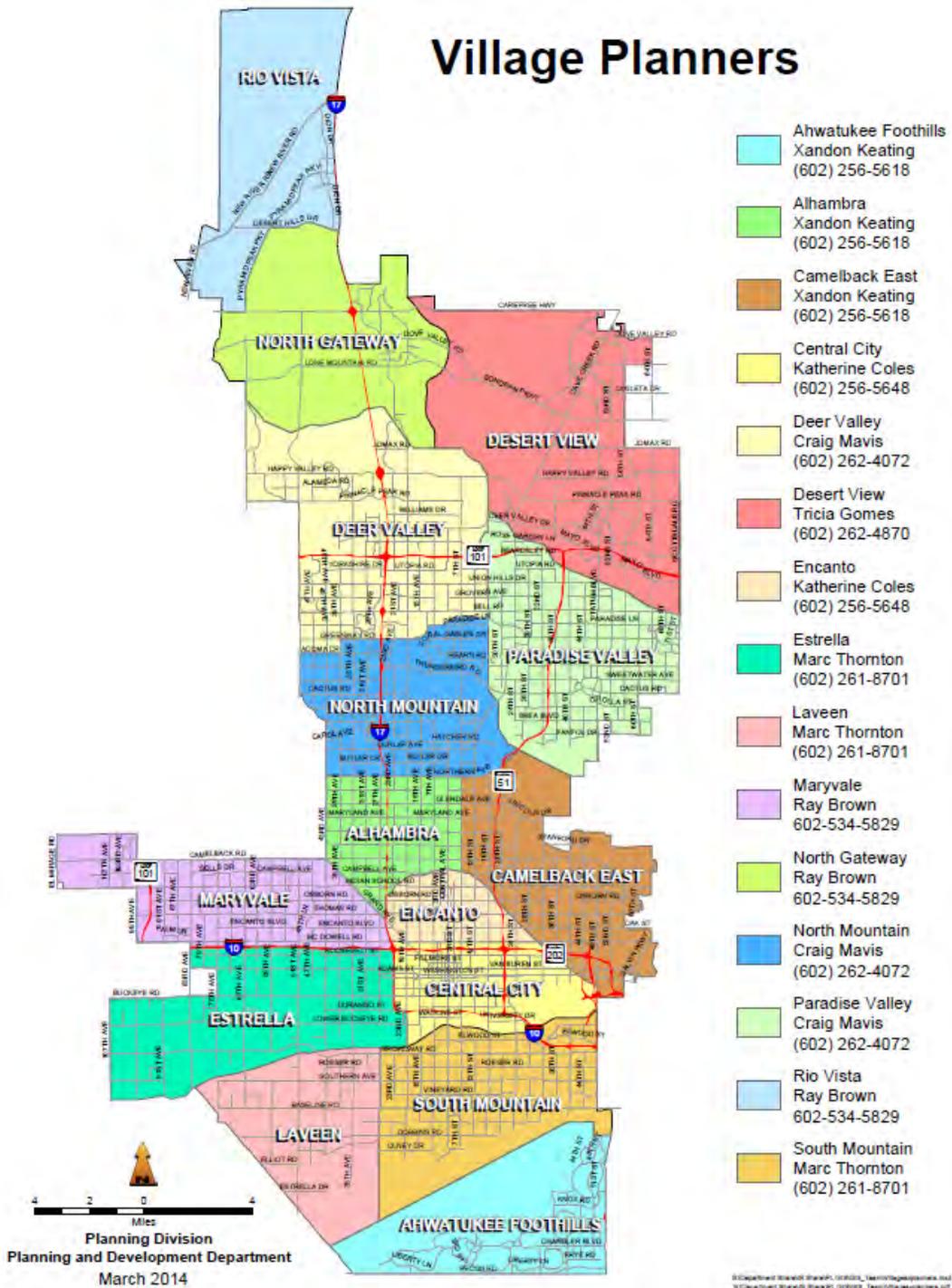
Service Layer Credits: Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

-  Groundwater Monitor Well Locations
-  SRP Production Well Location



EAST CENTRAL PHOENIX WQARF SITE PHOENIX, ARIZONA	
<b>40TH STREET AND OSBORN ROAD SITE MAP</b>	
	10/1/2014 FIGURE F-1
PREP BY <u>NKR</u> REV BY <u>LLJM</u> RPT NO 1134.41	

# Village Planners



**EAST CENTRAL PHOENIX  
WQRF SITE  
PHOENIX, ARIZONA**

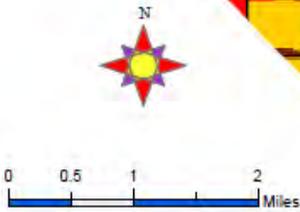
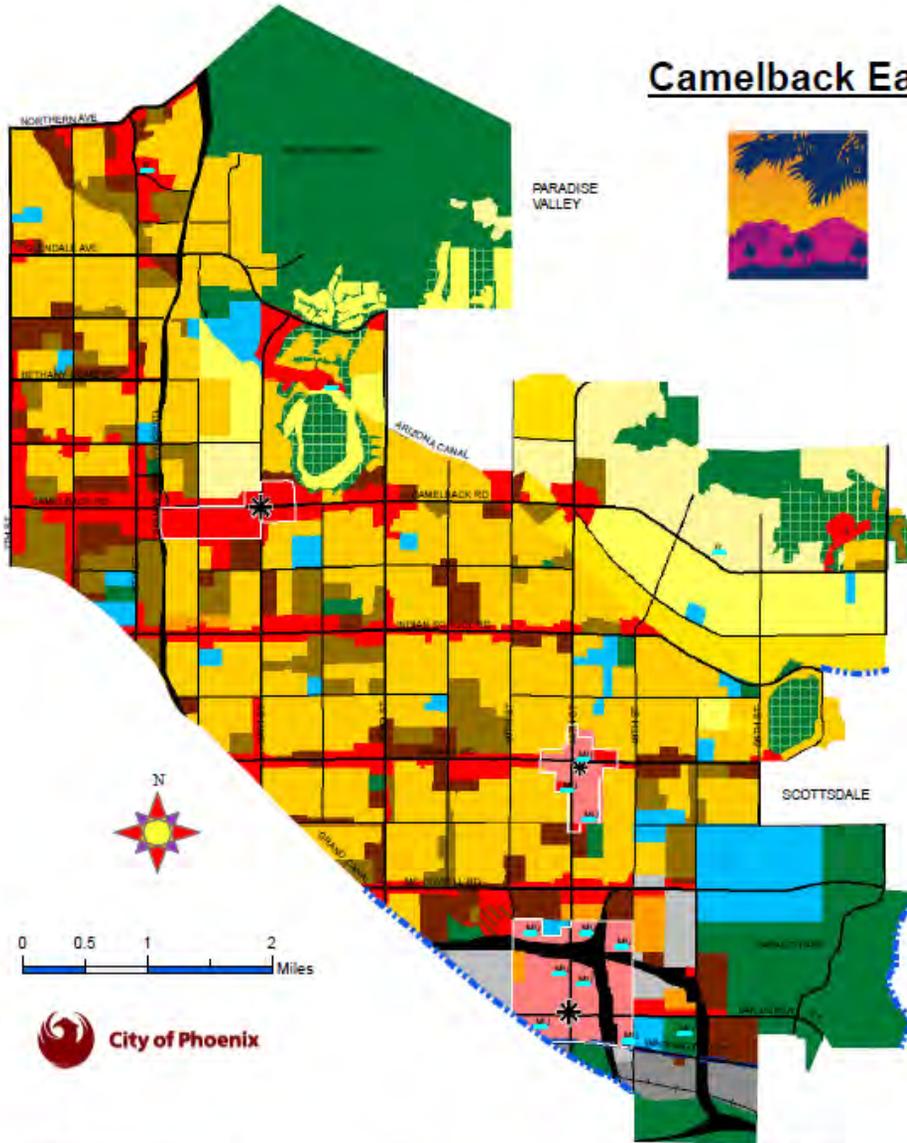
**CITY OF PHOENIX  
VILLAGE PLANNERS MAP**



**6/13/2014  
FIGURE F-2**

Note: Figure adapted from City of Phoenix, Planning and Development (June 2014) [www.phoenix.gov/pdd/pz/vpcomm.html](http://www.phoenix.gov/pdd/pz/vpcomm.html)

# Camelback East



1 Mixed Use is a targeted variation of some lot sizes that include residential, services, and local commercial, general office, entertainment and cultural facilities, with a compatible relationship. This category would allow any or all of these uses within an area as designated to be further subdivided into specific uses which would conform General Plan goals, existing zoning and laws, and site considerations.

2 An appropriate, as-of-right in the best interests of the City to protect and conserve resources and to provide as many uses as possible to increase the quality of life, may be greater than the General Plan category outlined on this plan.

3 Sections of this map are authorized to refer to the existing General Plan text and maps in the full document and other policies, including: General Plan Goals, Metropolitan Area, Metropolitan Plan, or Specific Plan for further guidance.

4 "M" designates certain of parcels. Those with an existing commercial designation have a responsibility to bring the parcels back to use. All other designations are for existing parcels that are nonconforming, general categories for future parcels, or include multi-parcel zoning.

5 For special details of this publication, see: The News Channel, 800-282-6388 or 800-524-6322 (TDD).

6 For questions concerning this publication, call the Planning Department, 800-282-6388.

**Note:**  
 Areas with yellow, orange, and brown colors are subject to future rezoning and other changes. See the City of Phoenix website for more information.

- 0 to 1 du/acre - Large Lot
- 1 to 2 du/acre - Large Lot
- 2 to 3.5 du/acre - Traditional Lot
- 3.5 to 5 du/acre
- 5 to 10 du/acre
- 10 to 15 du/acre - Higher density attached townhouses, condos, or apartments
- 15+ du/acre - Higher density attached townhouses, condos, or apartments
- Parks/Open Space - Publicly Owned
- Parks/Open Space - Privately Owned
- Mixed Use (MU) (See NOTES # 1)
- Commercial
- Industrial
- Commercial Park
- Public/Quasi-Public
- Transportation

- Major Streets
- Collector Streets
- Light Rail
- Canals
- Existing Railroad
- Primary Core
- Secondary Core
- R Resort (See NOTES # 4)

## General Plan Categories

**EAST CENTRAL PHOENIX  
 WQARF SITE  
 PHOENIX, ARIZONA**

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**CAMELBACK EAST  
 GENERAL PLAN MAP**

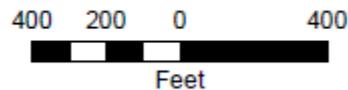
Note: Figure adapted from City of Phoenix, Planning and Development (June 2014) [www.phoenix.gov/pdd/pz/vpce.html](http://www.phoenix.gov/pdd/pz/vpce.html)



6/13/2014  
**FIGURE F-3**



Note: Figure adapted from  
 City of Phoenix, Planning and Development  
[www.phoenix.gov/pdd/pz/vpce.html](http://www.phoenix.gov/pdd/pz/vpce.html)  
 (Zoning Maps G10 & H10, Revised 4/05/2012 & 11/05/2013)

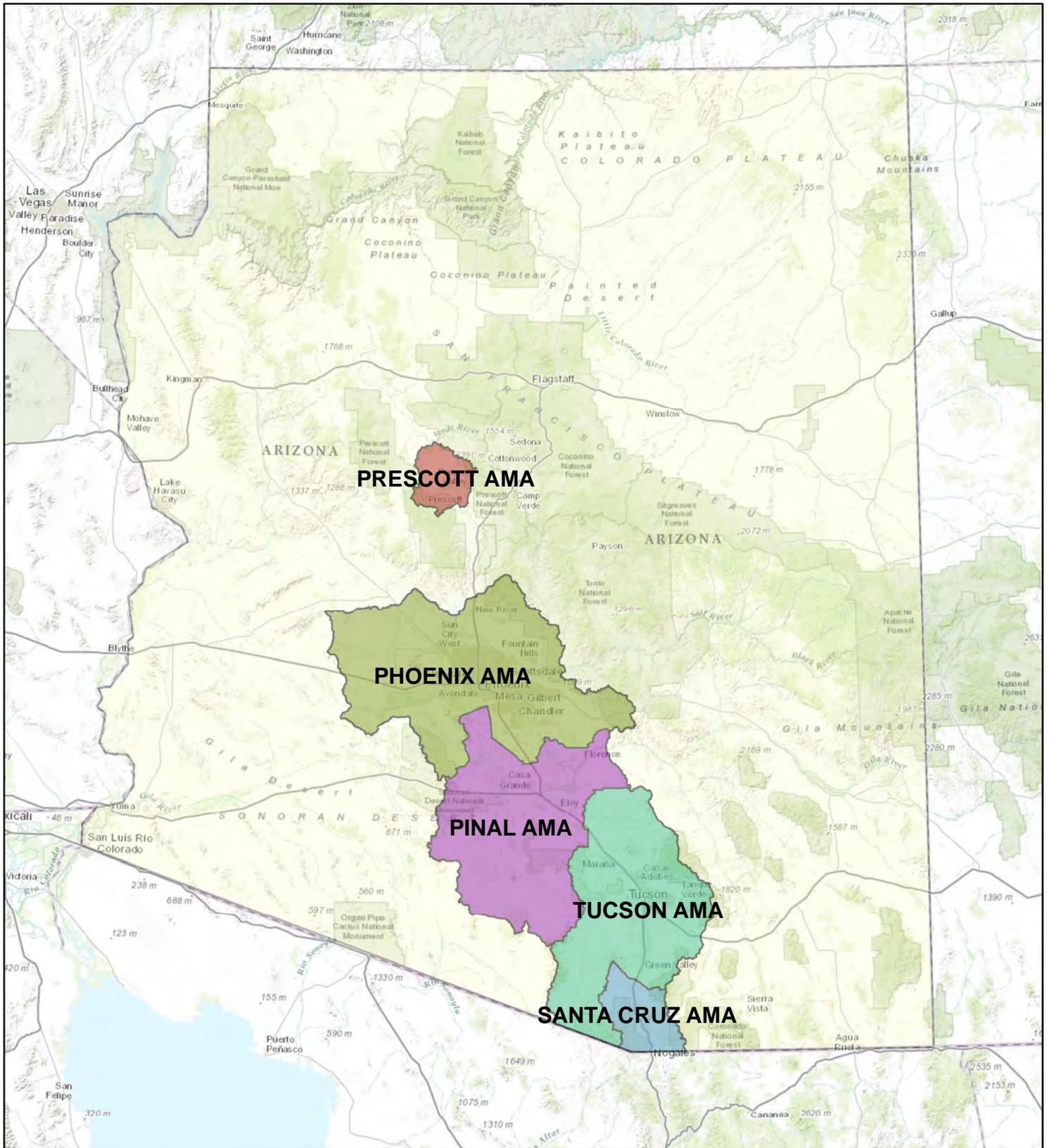


**EAST CENTRAL PHOENIX  
 WQARF SITE  
 PHOENIX, ARIZONA**

**CAMELBACK EAST ZONING MAP  
 40TH ST AND OSBORN RD**

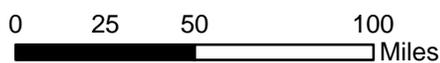
**HARGIS + ASSOCIATES, INC.**  
 HYDROGEOLOGY-ENGINEERING

6/2/2014  
**FIGURE F-4**



**NOTES:**

- 1) AMA: Active Management Areas
- 2) Data obtained from Arizona Department of Water Resources (ADWR) Water Management Website (June 2014)



**EAST CENTRAL PHOENIX  
WQARF SITE  
PHOENIX, ARIZONA**

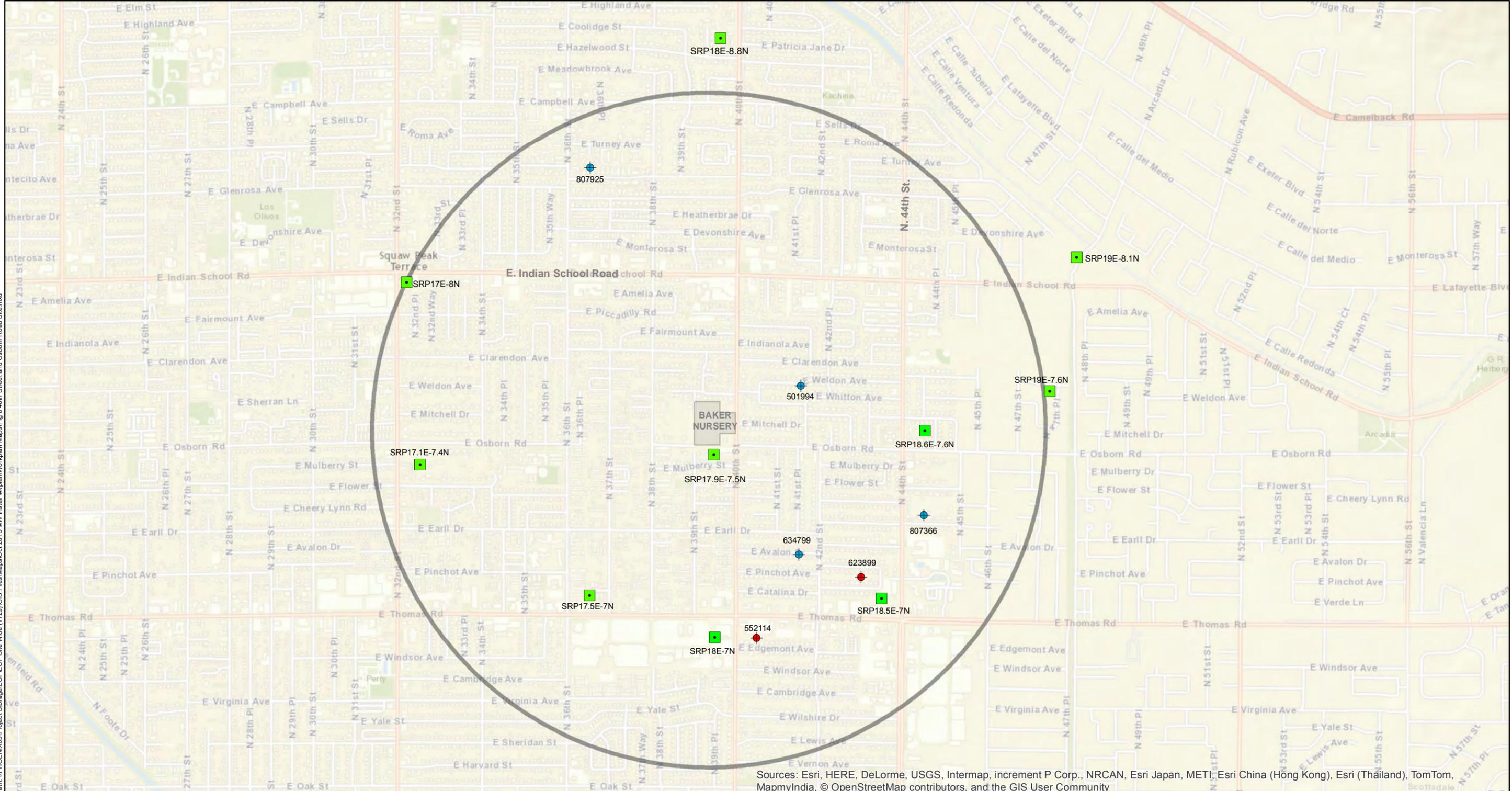
**ADWR AMA LOCATION MAP**



6/26/2014  
FIGURE F-5

PREP BY NKR REV BY JWM

Path: \\PHOENIX03\Project Storage\ECEP\Site Wide (1129)\GIS Files\Maps\Oct 2013 MW Install\wplan\Workplan Maps\Fig 6 40th Street and Osborn Road Site.mxd

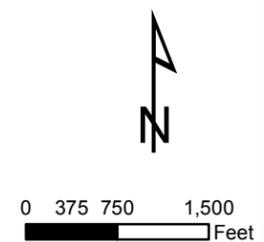


Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

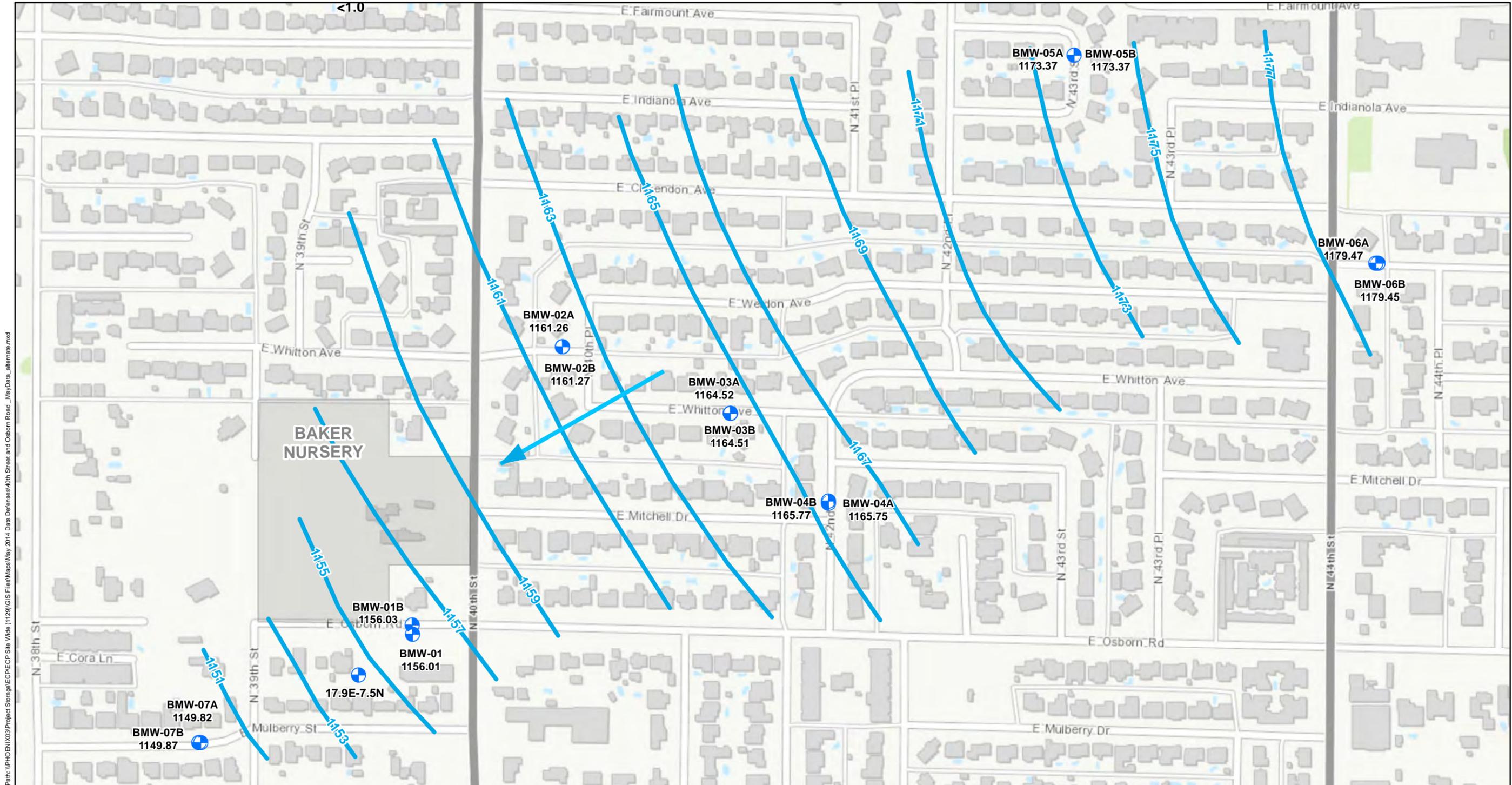
- 1 Mile Area
- SRP Production Well Locations
- Non-Exempt Well Location -- A groundwater well drilled within an Active Management Area under a groundwater right for withdrawal pursuant to ARS Title 45, Chapter 2, Article 5, 6, or 7.
- Exempt Well Locations -- A groundwater well with maximum capacity of <35 gallons per minute

- NOTES:
- ARS = Arizona Revised Statutes
  - WQARF = Water Quality Assurance Revolving Fund
  - This map falls within the City of Phoenix municipal service area.
  - Well information obtained from Arizona Department of Water Resources 55 Registry.

518068 -- Well Registry Number for State of Arizona (55-XXXXXX)



<b>EAST CENTRAL PHOENIX WQARF SITE PHOENIX, ARIZONA</b>	
<b>REGISTERED WITHDRAWAL WELLS WITHIN 1-MILE RADIUS OF SITE 40TH STREET AND OSBORN ROAD</b>	
 HARGIS + ASSOCIATES, INC. HYDROGEOLOGY-ENGINEERING	10/1/2014 <b>FIGURE F-6</b>
PREP BY NKR REV BY LLJM RPT NO 1137.41	

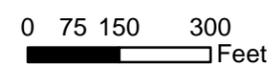


Path: \\PHOENIX03\Project Storage\ECP\Site Wide (1129)\GIS Files\Maps\May 2014 Data Defenses\40th Street and Osborn Road\_MayData\_alternate.mxd

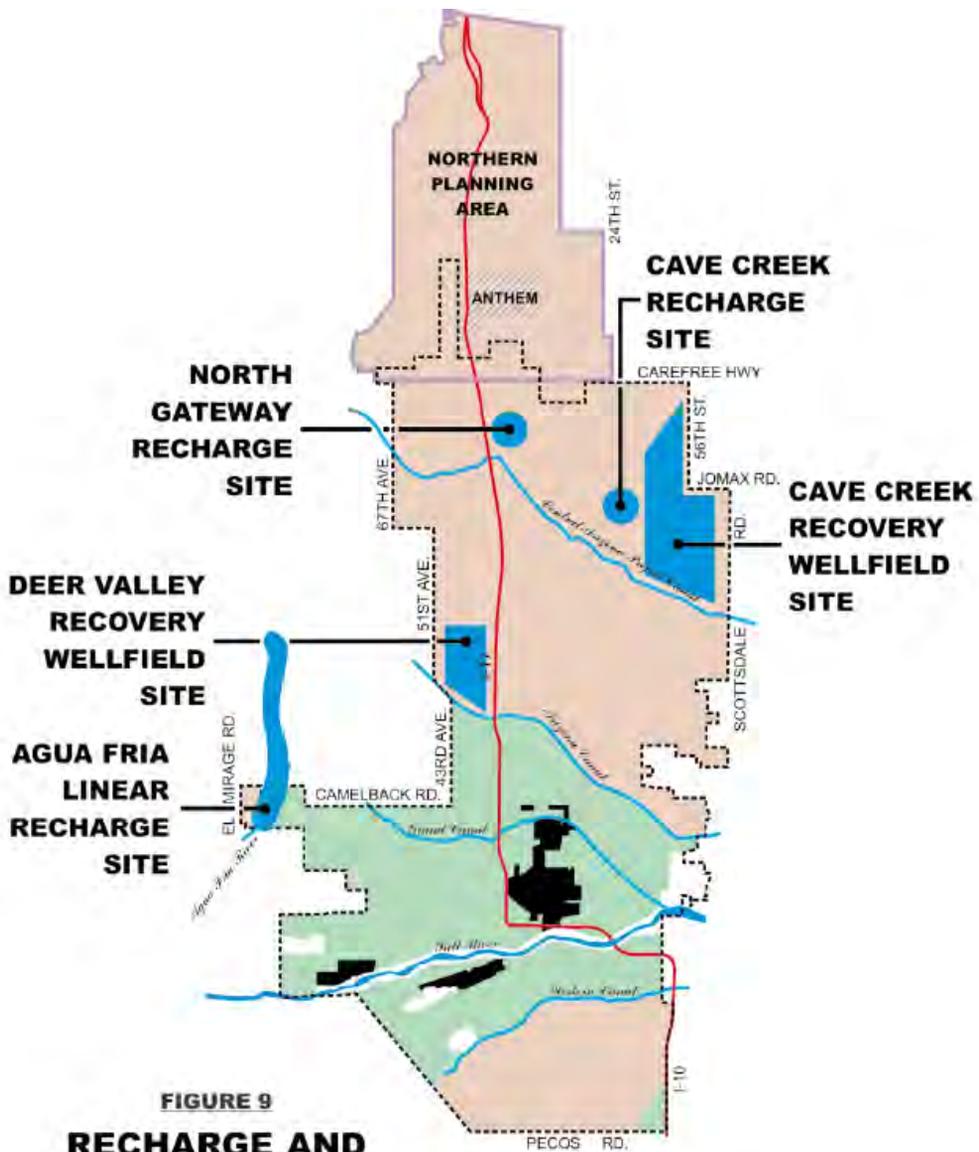
**EXPLANATION**

-  Groundwater Monitor Well Locations
-  Water Level Contour

- BMW-02A -- Existing groundwater well
- 1161.26 -- Groundwater elevation (ft above mean sea level) - May 2014



EAST CENTRAL PHOENIX WQARF SITE PHOENIX, ARIZONA	
<b>GROUNDWATER ELEVATION (MAY 2014)</b> <b>40TH STREET AND OSBORN ROAD SITE</b>	
	10/1/2014
FIGURE F-7	
PREP BY <u>  NKR  </u> REV BY <u>  LLJM  </u> RPT NO <u>  1134.41  </u>	



**FIGURE 9**  
**RECHARGE AND**  
**RECOVERY SITES**

- OFF - PROJECT LANDS
- MEMBER LANDS
- WATER RIGHT AREAS
- NON- MEMBER WITHOUT WATER RIGHTS
- OFF - PROJECT LANDS EXCLUDED FROM PLAN
- CITY OF PHOENIX LIMITS
- NORTHERN PLANNING AREA



**EAST CENTRAL PHOENIX**  
**WQARF SITE**  
 PHOENIX, ARIZONA

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**CITY OF PHOENIX**  
**RECHARGE AND RECOVERY SITES**

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**HARGIS + ASSOCIATES, INC.**  
 HYDROGEOLOGY-ENGINEERING

6/13/2014  
**FIGURE F-8**

Note: Figure adapted from City of Phoenix Water Resources Element, General Plan 2002 .

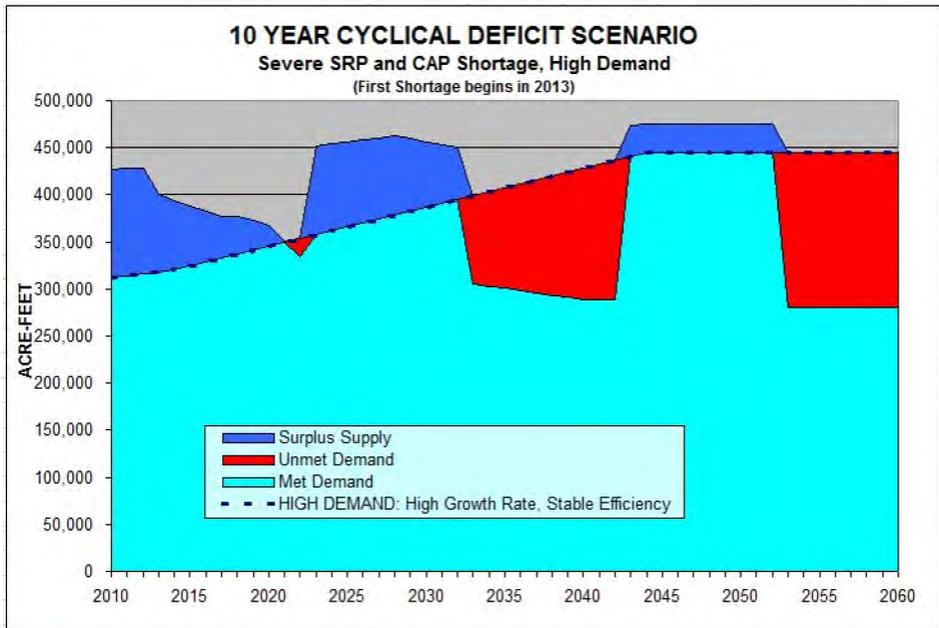


Figure 4-11. Severe SRP and CAP shortage 10 year deficit scenario

<sup>12</sup> First shortage to CAP occurs in 2010, but deficit to Phoenix would not materialize until 2020.

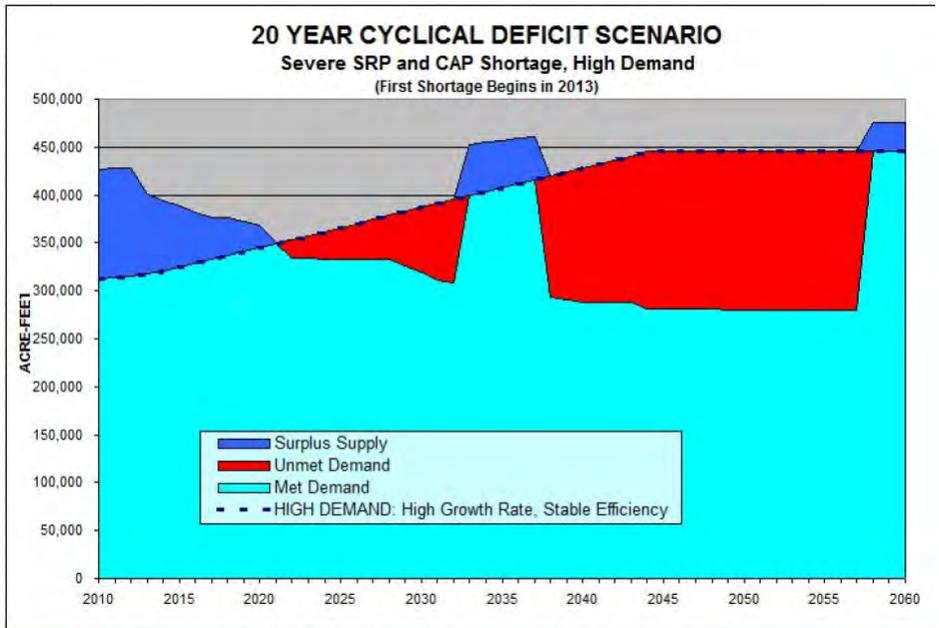


Figure 4-12. Severe SRP and CAP shortage 20 year deficit scenario

Note: Figure adapted from City of Phoenix 2011 Water Resources Plan .

**EAST CENTRAL PHOENIX  
WQARF SITE  
PHOENIX, ARIZONA**

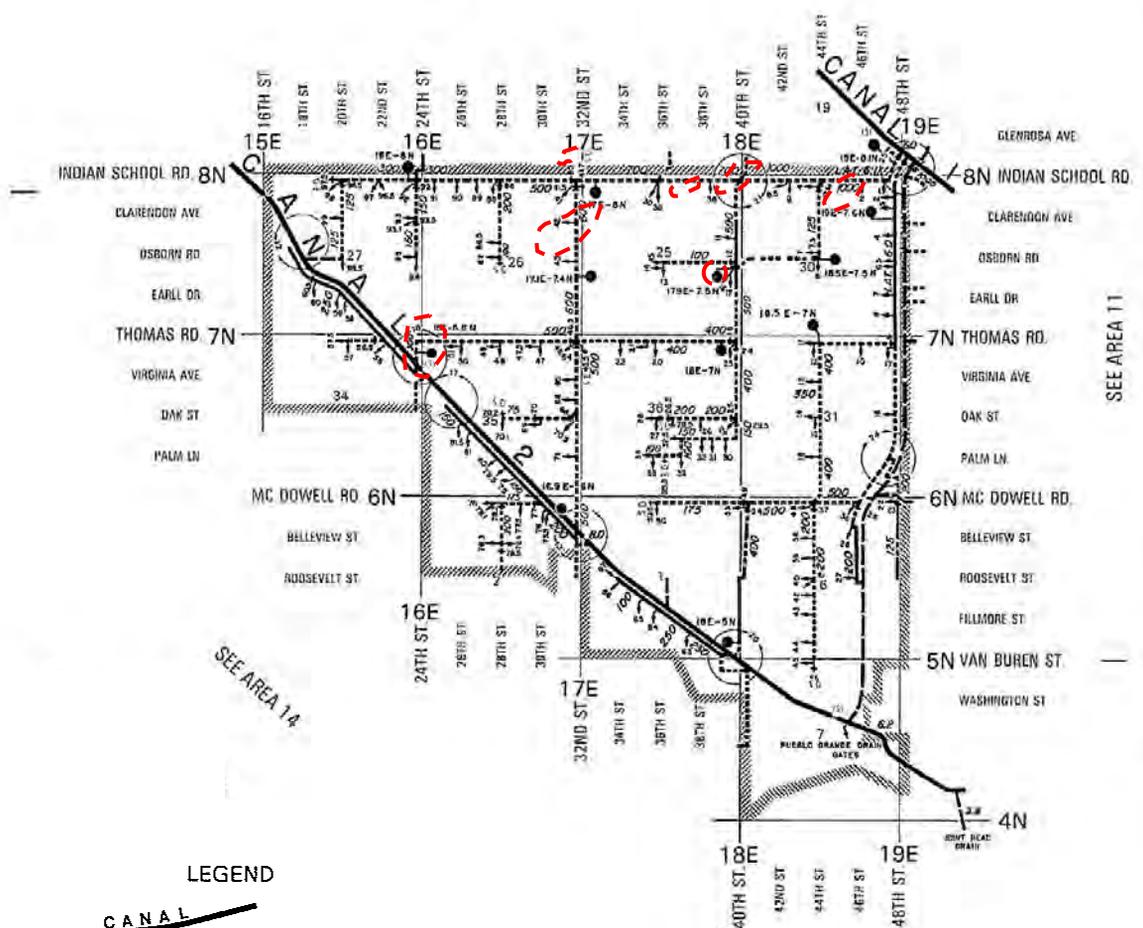
**CITY OF PHOENIX  
DEFICIT SCENARIOS**

R.3E.

R.4E.

12

SEE AREA 13



SEE AREA 14

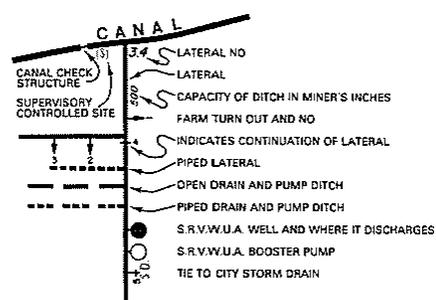
SEE AREA 11

T.2N.

T.1N.

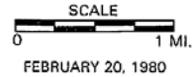
SALT RIVER AREA

LEGEND



 Approximate ECP WQARF Site Locations

AREA 12  
PHOENIX  
IRRIGATION



**EAST CENTRAL PHOENIX  
WQARF SITE  
PHOENIX, ARIZONA**

---

**SALT RIVER PROJECT CANALS**

Note: Figure adapted from Salt River Valley Water Users' Association, Zanjero Area Maps, 1980.

 HARGIS + ASSOCIATES, INC.  
HYDROGEOLOGY-ENGINEERING

FIGURE F-10

**ATTACHMENT A**  
**LAND AND WATER USE STUDY QUESTIONNAIRES**



**HARGIS + ASSOCIATES, INC.**  
HYDROGEOLOGY • ENGINEERING

1640 South Stapley Drive  
Suite 209  
Mesa, AZ 85204  
Phone: 480.345.0888  
Fax: 480.730.0508

VIA EMAIL

May 2, 2014

Philip McNeely  
City of Phoenix  
Office of Environmental Programs  
200 W. Washington Street  
14<sup>th</sup> Floor  
Phoenix, AZ 85003

Re: Land and Water Use Study Questionnaire, East Central Phoenix  
40<sup>th</sup> Street and Osborn Road Water Quality Assurance Revolving Fund (WQARF)  
Registry Site, Phoenix, Arizona.

Dear Ms. Neill:

On behalf of the Arizona Department of Environmental Quality (ADEQ), Hargis + Associates, Inc. (H+A) has prepared a Land and Water Use Study Questionnaire for specified stakeholders located in and near the East Central Phoenix - 40<sup>th</sup> Street and Osborn Road WQARF Registry Site (Site). The Site is currently undergoing an evaluation for remedial actions to address tetrachloroethene (PCE) in the groundwater.

This land and water use study is an important tool for ADEQ in development of the remedial objectives for this site. Please complete the enclosed questionnaire within 30 days of receipt. The information you provide is very important for continuation of the remedial process. Please return the questionnaire to Laura Menken, H+A via e-mail at [lmcken@hargis.com](mailto:lmcken@hargis.com).

Please contact me at 480-345-0888, extension 260 with questions or comments.

Sincerely,

HARGIS + ASSOCIATES, INC.

Laura L.J. Menken, RG  
Hydrogeologist/Project Manager  
East Central Phoenix WQARF Site

Attachments

LAND AND WATER USE STUDY QUESTIONNAIRE  
FOR MUNICIPALITIES/COUNTIES/UTILITIES WITHIN THE  
EAST CENTRAL PHOENIX (40<sup>TH</sup> AND OSBORN ROAD)  
WQARF REGISTRY SITE

Please answer all questions. Mark "NA" for questions that are not applicable. Mark "UNK" if the answer is unknown to you at the time of completion. Please attach any additional pages as needed.

Water user municipality/utility name: City of Phoenix

Date Questionnaire was completed: May 2, 2014

Name of person completing Questionnaire: Philip McNeely /Gary Gin /Xandon Keating

Contact Name: Philip McNeely

Title: Environmental Programs Manager

Division: Office of Environmental Programs / Water Services Dept

Address: 200 W. Washington St. / 14<sup>th</sup> Floor

Phoenix, AZ 85003

Phone Number: 602-256-5654

1. What is the current use of your municipality's/county's/utility's property within the limits of the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site? (Boundary is an approximate circle about 400 feet in diameter encompassing Salt River Project (SRP) well 17.9E-7.5N).

Single family residential, church, commercial (plant nursery)

2. Please list the municipality's/county's/utility's properties of concern/boundaries (neighborhood planning committees, zoning, canals, wells) within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundary.

Camelback East Village Planning Committee

3. What are the foreseeable plans for the municipality's/county's/utility's property within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundary as far into the future as they are known and up to 100 years, if possible?

Possible redevelopment of plant nursery to low density multifamily residential.

4. Does the municipality/county/utility have a published general plan for the property within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundary?

Yes.

5. Are parcel, zoning, or land maps available through the municipality/county/utility? Where are they located?

Yes. [Phoenix.gov/planning](http://Phoenix.gov/planning)

6. Please list any specific neighborhood concern the municipality/county/utility is aware of within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundaries? Please list future concerns (e.g.- freeway expansion, water use, water availability, etc.).

None.

7. Please list any future zoning plans or area plans for the municipality/county/utility within the East Central Phoenix (40<sup>th</sup> and Indian School Road) WQARF site boundary:

Plant nursery (currently zoned single family residential) may be rezoned to low density multifamily residential.

8. Please list any "special projects" projected or anticipated within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundaries:

None.

9. If any property is leased (the municipality/county/utility is the lessor), how long is the lease term?

N/A.

10. If the property is leased, are there plans to renew the lease and if so, for how long?

N/A

11. Please list any environmental spill of material or waste products that has occurred within the municipality/county/utility within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundary in the past 5 years?

Aware of none.

12. Is the municipality/county/utility currently sampling groundwater wells within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site? If so, how often is the sampling conducted? Are analytical results being submitted to ADEQ for the groundwater database?

No.

13. Does your municipality/county/utility have an environmental manager or do you outsource environmental management to an environmental consulting firm? If so, please provide the following information:

Name: Philip McNeely

Contact: Office of Environmental Programs

Title: Environmental Programs Manager

Address: 200 W. Washington St., 14<sup>th</sup> Floor  
Phoenix, AZ 85003

Phone: 602-256-5654

14. Please indicate anticipated groundwater development by the municipality/county/utility within the East Central Phoenix (38<sup>th</sup> and Osborn Road) WQARF site boundary.

None at this time.

15. Are there any groundwater wells owned by the water provider that have been affected by the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site? If so, please list the ADWR well identification numbers. What is the current status of these wells (e.g.- shut down, still pumping)?

No.

16. What is the future use (up to 100 years) for any wells that have been impacted by the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site?

N/A

Thank you for your time. The Project Manager, Mel Bunkers, or a representative from ADEQ's consultant, Hargis + Associates, Inc., may follow-up on answers provided.

**From:** [elizabeth.zima@phoenix.gov](mailto:elizabeth.zima@phoenix.gov)  
**To:** [Mel Bunkers \(mpb@azdeq.gov\)](mailto:mpb@azdeq.gov)  
**Cc:** [Laura Menken](mailto:laura.menken@hargis.com); [phil.mcneely@phoenix.gov](mailto:phil.mcneely@phoenix.gov)  
**Subject:** Re: East Central Phoenix - Land & Water Use Questionnaire - 40th/Osborn  
**Date:** Tuesday, May 27, 2014 8:16:11 AM  
**Attachments:** [LAND AND WATER USE STUDY QUESTIONNAIRE MUNICIPALITY-ECP-40OS.docx](#)

---

Mel,

Please see our questionnaire for 40th/Osborn attached below. Let me know if you need anything further.

Thanks,  
Beth

Beth Zima, R.G.  
Environmental Quality Specialist  
602-256-3447

City of Phoenix  
Office of Environmental Programs  
200 West Washington Street, 14th Floor  
Phoenix, Arizona 85003

-----Laura Menken <LMENKEN@HARGIS.COM> wrote: -----

To: Elizabeth Zima/MGR/PHX@PHXENT  
From: Laura Menken <LMENKEN@HARGIS.COM>  
Date: 05/02/2014 02:34PM  
Cc: Phil Mcneely/MGR/PHX@PHXENT, "Mel Bunkers (mpb@azdeq.gov)" <mpb@azdeq.gov>  
Subject: East Central Phoenix - Land & Water Use Questionnaire - 40th/Osborn

Beth,

This is the additional questionnaire that I need input on from the City of Phoenix, as we discussed last week.

Please let me know if you have any questions, and thanks so much for your help.

Laura

Laura L.J. Menken, RG

*Hargis + Associates, Inc.*

1640 S. Stapley Drive, Ste 209

Mesa, Arizona 85204

Office 480.345.0888x260

Cell 480.271.5448

lmenken@hargis.com

[attachment "LWUS\_Cov\_Ltr&Survey\_ECP-40OS\_COPhx.pdf" removed by Elizabeth Zima/MGR/PHX]  
[attachment "LAND AND WATER USE STUDY QUESTIONNAIRE MUNICIPALITY-ECP-40OS.docx"  
removed by Elizabeth Zima/MGR/PHX]

**From:** [elizabeth.zima@phoenix.gov](mailto:elizabeth.zima@phoenix.gov)  
**To:** [Laura Menken](#)  
**Subject:** Re: East Central Phoenix - Land & Water Use Questionnaire - 40th/Osborn  
**Date:** Friday, May 02, 2014 3:21:39 PM

---

Laura,

Got it, thanks.

Beth

Beth Zima, R.G.  
Environmental Quality Specialist  
602-256-3447

City of Phoenix  
Office of Environmental Programs  
200 West Washington Street, 14th Floor  
Phoenix, Arizona 85003

-----Laura Menken <LMENKEN@HARGIS.COM> wrote: -----

To: Elizabeth Zima/MGR/PHX@PHXENT  
From: Laura Menken <LMENKEN@HARGIS.COM>  
Date: 05/02/2014 02:34PM  
Cc: Phil Mcneely/MGR/PHX@PHXENT, "Mel Bunkers (mpb@azdeq.gov)" <mpb@azdeq.gov>  
Subject: East Central Phoenix - Land & Water Use Questionnaire - 40th/Osborn

Beth,

This is the additional questionnaire that I need input on from the City of Phoenix, as we discussed last week.

Please let me know if you have any questions, and thanks so much for your help.

Laura

Laura L.J. Menken, RG

*Hargis + Associates, Inc.*

1640 S. Stapley Drive, Ste 209

Mesa, Arizona 85204

Office 480.345.0888x260

Cell 480.271.5448

lmenken@hargis.com

[attachment "LWUS\_Cov\_Ltr&Survey\_ECP-40OS\_COPhx.pdf" removed by Elizabeth Zima/MGR/PHX]  
[attachment "LAND AND WATER USE STUDY QUESTIONNAIRE MUNICIPALITY-ECP-40OS.docx" removed by Elizabeth Zima/MGR/PHX]



**HARGIS + ASSOCIATES, INC.**  
HYDROGEOLOGY • ENGINEERING

1640 South Stapley Drive  
Suite 209  
Mesa, AZ 85204  
Phone: 480.345.0888  
Fax: 480.730.0508

VIA EMAIL

April 25, 2014

Andrea Martinez  
Mail Station PAB 352  
PO Box 52025  
Phoenix 85072-2025

Re: Land and Water Use Study Questionnaire, East Central Phoenix  
40<sup>th</sup> Street and Osborn Road Water Quality Assurance Revolving Fund (WQARF)  
Registry Site, Phoenix, Arizona.

Dear Ms. Martinez:

On behalf of the Arizona Department of Environmental Quality (ADEQ), Hargis + Associates, Inc. (H+A) has prepared a Land and Water Use Study Questionnaire for specified stakeholders located in and near the East Central Phoenix - 40<sup>th</sup> Street and Osborn Road WQARF Registry site (Site). The Site is currently undergoing an evaluation for remedial actions to address tetrachloroethene (PCE) in the groundwater.

This land and water use study is an important tool for ADEQ in development of the remedial objectives for this site. Please complete the enclosed questionnaire within 30 days of receipt. The information you provide is very important for continuation of the remedial process. Please return the questionnaire to Laura Menken, H+A via e-mail at [lmcken@hargis.com](mailto:lmcken@hargis.com).

Please contact me at 480-345-0888, extension 260 with questions or comments.

Sincerely,

HARGIS + ASSOCIATES, INC.

Laura L.J. Menken, RG  
Hydrogeologist/Project Manager  
East Central Phoenix WQARF Site

Attachments

LAND AND WATER USE STUDY QUESTIONNAIRE  
FOR MUNICIPALITIES/UTILITIES WITHIN THE  
EAST CENTRAL PHOENIX (40<sup>TH</sup> AND OSBORN ROAD)  
WQARF REGISTRY SITE

Please answer all questions. Mark "NA" for questions that are not applicable. Mark "UNK" if the answer is unknown to you at the time of completion. Please attach any additional pages as needed.

Water user municipality/utility name: Salt River Project

Date Questionnaire was completed: June 6, 2014

Name of person completing Questionnaire: Andrea Martinez

Contact Name: Andrea Martinez

Title: Senior Environmental Engineer

Division: Environmental Compliance

Address: PAB 352, P. O. Box 52025

Phoenix AZ 85233

Phone Number: 602-236-2618

1. What is the current use of your municipality's/utility's property within the limits of the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site? (Boundary is an approximate circle about 400 feet in diameter encompassing Salt River Project (SRP) well 17.9E-7.5N).

*SRP owns and operates groundwater supply well 17.9E-7.5N including other conveyance structures in the subject area. Power transmission and distribution lines are also within ECP boundaries. Additionally, SRP has multiple other groundwater supply wells in close proximity to the site.*

2. Please list the municipality's/utility's properties of concern/boundaries (neighborhood planning committees, zoning, canals, wells) within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundary.

*In addition to groundwater supply well 17.9E-7.5N noted above in #1, SRP owns eight other groundwater supply wells within a mile or just over a mile of this site. They are listed below along with their direction and approximate distance:*

*Groundwater supply well 17E-8N – approx. 1 mile to the northwest;*

*Groundwater supply well 17.1E-7.4N – approx. 7/8 mile to the west;*

*Groundwater supply well 18E-7N – approx. 1/2 mile to the south;*

*Groundwater supply well, 18E-8.8N – approx. 1/4 mile to the north;*

*Groundwater supply well, 18.5E-7N – approx. 3/4 mile to the southeast;*

*Groundwater supply well, 18.6E-7.6N – approx. 2/3 mile to the east;*

*Groundwater supply well 19E- 7.6N – approx. 1 1/16 mile to the east;*

*Groundwater supply well 19E-8.1N – approx. 1 1/4 mile to the northeast.*

*See question #15 for contamination concerns.*

3. What are the foreseeable plans for the municipality's/utility's property within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundary as far into the future as they are known and up to 100 years, if possible.

*SRP anticipates all its properties in the vicinity of the ECP WQARF Area will remain in use over the next 100 years. Additionally, SRP anticipates that its groundwater supply wells that are in the vicinity (see question #2 above) will transition from irrigation to municipal service (potable supply) within this time period.*

4. Does the municipality/utility have a published general plan for the property within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundary?

*No*

5. Are parcel, zoning, or land maps available through the municipality/utility? Where are they located?

*Not available*

6. Please list any specific neighborhood concern the municipality/utility is aware of within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundaries? Please list future concerns (e.g.- freeway expansion, water use, water availability, etc.)

*Water shortage is an issue that can impact this neighborhood as it can all of metropolitan Phoenix. As water quality issues will impact water supplies as much as water quantity, SRP has a specific concern regarding water quality impacts associated with the East Central Phoenix*

*WQARF site. SRP expects the groundwater supply wells noted in #2 above will transition to potable supply in the future so the chemical quality of the groundwater is a significant issue. Our concern is heightened because of anticipated climate change and the additional stress expected to be applied to already stressed surface water supplies. The importance of groundwater and the ability to utilize the aquifer in local and large scale water management scenarios is critical to the future growth and wellbeing of the entire metro-area. We cannot overstate the importance of effective cleanups of contaminants which threaten the use of groundwater and the aquifers that host it.*

7. Please list any future zoning plans or area plans for the municipality/utility within the East Central Phoenix (40<sup>th</sup> and Indian School Road) WQARF site boundary:

*None, SRP does not do zoning.*

8. Please list any "special projects" projected or anticipated within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundaries:

*Transition of SRP owned groundwater supply wells from irrigation to municipal service (potable supply). Additionally it may become necessary in the future to construct additional groundwater supply wells in close proximity to the East Central Phoenix WQARF site boundaries.*

9. If any property is leased (the municipality/utility is the lessor), how long is the lease term?

*There is no property in the area where SRP is the lessor.*

10. If the property is leased, are there plans to renew the lease and if so, for how long?

*N/A*

11. Please list any environmental spill of material or waste products that has occurred within the municipality/utility within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundary in the past 5 years?

*None*

12. Is the municipality/utility currently sampling groundwater wells within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site? If so, how often is the sampling conducted? Are analytical results being submitted to ADEQ for the groundwater database?

*SRP conducts routine groundwater sampling from its wells when possible. Water quality records are available on request, if not already submitted to the ADEQ groundwater database.*

13. Does your municipality/utility have an environmental manager or do you outsource environmental management to an environmental consulting firm? If so, please provide the following information:

Name: *David Sultana* \_\_\_\_\_  
Contact: \_\_\_\_\_  
Title: *Manager, Water Quality, Waste Management & Field Services*  
Address: *PAB 352, P.O. Box 52025* \_\_\_\_\_  
*Phoenix, AZ 85233* \_\_\_\_\_  
\_\_\_\_\_  
Phone: *(602) 236-8118* \_\_\_\_\_

14. Please indicate anticipated groundwater development by the municipality/utility within the East Central Phoenix (38<sup>th</sup> and Osborn Road) WQARF site boundary.

*Though SRP has no current plans to develop additional groundwater supplies within the East Central Phoenix WQARF site, it is very likely they will be added in the future. The site is completely within the SRP water service area and SRP must be responsive to the water supply needs of its shareholders and customers. To meet its water delivery needs SRP may elect to increase its groundwater use in close proximity to the WQARF site as noted in #8 above. SRP may do this by constructing additional groundwater supply wells or by connecting its existing water supply wells to direct municipal delivery or pipe them to the Arizona Canal or Grand Canal to provide greater flexibility in its delivery operations. In any case, there are many scenarios where usage of groundwater in the vicinity of the WQARF site can be expected to increase above historic levels.*

15. Are there any groundwater wells owned by the water provider that have been affected by the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site? If so, please list the ADWR well identification numbers. What is the current status of these wells (e.g.- shut down, still pumping)?

*Some of the SRP groundwater supply wells listed in #2 above have shown elevated PCE and TCE (one time 1996) levels since 1990:*

*17E-8N (55-608431) – PCE concentration as high as 82 µg/L and TCE as high as 1.5 ug/L;*

*17.1E-7.4N (55-607731) – PCE concentrations as high as 5.8 ug/L;*

*17.9E-7.5N (55-617857) – PCE concentration as high as 210 µg/L and one time above AWQS TCE 9.9 µg/L;*

*18E-8.8N (55-617825) – PCE concentrations as high as 1.1 ug/L;*

*18.6E-7.6N (55-202398) – PCE concentrations as high as 0.6 ug/L;*

*There were no PCE or TCE detections in wells 18E-7N (55-617849), 18.5E-7N (55-607712), 19E-7.6N (55-608433) or 19E-8.1N (55-607748) over this period. All of the wells noted above and listed in #2 are currently in service.*

16. What is the future use (up to 100 years) for any wells that have been impacted by the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site?

*All of SRP's groundwater supply wells in the vicinity of the East Central Phoenix WQARF site are anticipated to remain in use over the next 100 years. SRP delivers nearly 1,000,000 acre-feet of water per year to the metro Phoenix area. In normal run off years, most of this is supplied from surface water coming from the Salt and Verde Rivers. However, in dry years, groundwater must be pumped to supplement the surface water supplies. SRP's water supply wells are a critical resource especially in drought conditions and it is very important to SRP that it have a reliable supply of water to meet customer and shareholder needs.*

Thank you for your time. The Project Manager, Mel Bunkers, or a representative from ADEQ's consultant, Hargis + Associates, Inc., may follow-up on answers provided.

**From:** [Martinez Andrea L](#)  
**To:** [Laura Menken](#); [Mel P. Bunkers](#)  
**Subject:** RE: SRP Water User Questionnaires  
**Date:** Friday, June 06, 2014 4:20:57 PM  
**Attachments:** [SRP Land and Water Use Questionnaire, ECP 24th and Grand, 06-2014.pdf](#)  
[SRP Land and Water Use Questionnaire, ECP 38th and Indian School, 06-2014.pdf](#)  
[SRP Land and Water Use Questionnaire, ECP 40th and Osborn, 06-2014.pdf](#)

---

Laura and Mel,

Sorry for the delay, please find the attached questionnaires from SRP.

Thanks,

**Andrea Martinez** | Senior Environmental Engineer I | 602.236.2618  
Salt River Project | 1521 North Project Drive | Tempe, Arizona 85281

---

**From:** Laura Menken [<mailto:LMENKEN@HARGIS.COM>]  
**Sent:** Monday, June 02, 2014 11:51 AM  
**To:** Mel P. Bunkers; Martinez Andrea L  
**Subject:** RE: SRP Water User Questionnaires

Andrea,

As Mel indicated, we are under deadline as well. I need the 38<sup>th</sup> and Indian School and 40<sup>th</sup>/Osborn as early as possible. The 24<sup>th</sup>/Grand Canal can come later if that helps.

If you could give us an update I'd appreciate it.

Thank you!

Laura

Laura L.J. Menken, RG  
**Hargis + Associates, Inc.**  
1640 S. Stapley Drive, Ste 209  
Mesa, Arizona 85204  
Office 480.345.0888x260  
Cell 480.271.5448  
[lmcken@hargis.com](mailto:lmcken@hargis.com)

---

**From:** Mel P. Bunkers [<mailto:Bunkers.Mel@azdeq.gov>]  
**Sent:** Monday, June 02, 2014 7:23 AM  
**To:** 'Martinez Andrea L'; Laura Menken  
**Subject:** RE: SRP Water User Questionnaires

Andrea,

Is it possible to get the questionnaires back earlier than June 20<sup>th</sup> as ADEQ reports that contain the questionnaires as attachments are due also?

Thank you,

---

Mel Bunkers, Project Manager  
Remedial Projects Unit  
Arizona Department of Environmental Quality  
1110 W Washington St.  
Phoenix, Arizona 85007  
(602) 771-4556

---

**From:** Martinez Andrea L [<mailto:Andrea.Martinez@srpnet.com>]  
**Sent:** Friday, May 30, 2014 1:26 PM  
**To:** Laura Menken  
**Cc:** Mel P. Bunkers  
**Subject:** RE: SRP Water User Questionnaires

Hi Laura,

We are working on the three ECP questionnaires, unfortunately they are all taking us longer than expected due to other demands. Can we return all three by June 20<sup>th</sup>?

Thanks,

**Andrea Martinez** | Senior Environmental Engineer I | 602.236.2618  
Salt River Project | 1521 North Project Drive | Tempe, Arizona 85281

---

**From:** Laura Menken [<mailto:LMENKEN@HARGIS.COM>]  
**Sent:** Friday, April 25, 2014 3:09 PM  
**To:** Martinez Andrea L  
**Cc:** Mel Bunkers ([mpb@azdeq.gov](mailto:mpb@azdeq.gov))  
**Subject:** RE: SRP Water User Questionnaires

Andrea,

I've attached the letter and survey for the ECP 40<sup>th</sup> and Osborn Site as well. Please let me know if you have any questions.

Thanks,

Laura

Laura L.J. Menken, RG  
**Hargis + Associates, Inc.**  
1640 S. Stapley Drive, Ste 209

Mesa, Arizona 85204  
Office 480.345.0888x260  
Cell 480.271.5448  
[lmcken@hargis.com](mailto:lmcken@hargis.com)

---

**From:** Martinez Andrea L [<mailto:Andrea.Martinez@srpnet.com>]  
**Sent:** Friday, April 25, 2014 11:50 AM  
**To:** Laura Menken  
**Cc:** Mel Bunkers ([mpb@azdeq.gov](mailto:mpb@azdeq.gov))  
**Subject:** RE: SRP Water User Questionnaires

Laura,

It makes no difference to us how we receive these questionnaires, they have come both hard copy from ADEQ, electrically from the Consulting firm. However Mel would like to handle. Either way I always request the word version as there are multiple groups within SRP that have input on the forms. Thanks Laura.

Thanks,

**Andrea Martinez** | Senior Environmental EngineerI | 602.236.2618  
Salt River Project | 1521 North Project Drive | Tempe, Arizona 85281

---

**From:** Laura Menken [<mailto:LMENKEN@HARGIS.COM>]  
**Sent:** Friday, April 25, 2014 11:46 AM  
**To:** Martinez Andrea L  
**Cc:** Mel Bunkers ([mpb@azdeq.gov](mailto:mpb@azdeq.gov))  
**Subject:** RE: SRP Water User Questionnaires

Andrea,  
Thanks for your help. Here are the forms for the two sites.

I have one more site that I need to send a letter out to you. Would you prefer I send that via email, as well?

Laura

Laura L.J. Menken, RG  
**Hargis + Associates, Inc.**  
1640 S. Stapley Drive, Ste 209  
Mesa, Arizona 85204  
Office 480.345.0888x260  
Cell 480.271.5448  
[lmcken@hargis.com](mailto:lmcken@hargis.com)

---

**From:** Martinez Andrea L [<mailto:Andrea.Martinez@srpnet.com>]  
**Sent:** Friday, April 25, 2014 11:29 AM  
**To:** Laura Menken  
**Subject:** SRP Water User Questionnaires

Hi Laura,

Could you please send the two questionnaires electronically, word please? It is much easier internally to fill out answers in word then route to internal groups that need to provide input. Thanks.

Thanks,

**Andrea Martinez** | Senior Environmental EngineerI | 602.236.2618  
Salt River Project | 1521 North Project Drive | Tempe, Arizona 85281

---

NOTICE: This e-mail (and any attachments) may contain PRIVILEGED OR CONFIDENTIAL information and is intended only for the use of the specific individual(s) to whom it is addressed. It may contain information that is privileged and confidential under state and federal law. This information may be used or disclosed only in accordance with law, and you may be subject to penalties under law for improper use or further disclosure of the information in this e-mail and its attachments. If you have received this e-mail in error, please immediately notify the person named above by reply e-mail, and then delete the original e-mail. Thank you.

**From:** Laura Menken  
**To:** ["Martinez Andrea L"](#)  
**Cc:** [Mel Bunkers \(mpb@azdeq.gov\)](mailto:mpb@azdeq.gov)  
**Subject:** RE: SRP Water User Questionnaires  
**Date:** Friday, April 25, 2014 3:08:00 PM  
**Attachments:** [LAND AND WATER USE STUDY QUESTIONNAIRE MUNICIPALITY-ECP-400S.docx](#)  
[LWUS\\_Ltr&Survey\\_ECP-400S\\_SRP.pdf](#)

---

Andrea,

I've attached the letter and survey for the ECP 40<sup>th</sup> and Osborn Site as well. Please let me know if you have any questions.

Thanks,  
Laura

Laura L.J. Menken, RG  
**Hargis + Associates, Inc.**  
1640 S. Stapley Drive, Ste 209  
Mesa, Arizona 85204  
Office 480.345.0888x260  
Cell 480.271.5448  
[lmenken@hargis.com](mailto:lmenken@hargis.com)

---

**From:** Martinez Andrea L [<mailto:Andrea.Martinez@srpnet.com>]  
**Sent:** Friday, April 25, 2014 11:50 AM  
**To:** Laura Menken  
**Cc:** Mel Bunkers ([mpb@azdeq.gov](mailto:mpb@azdeq.gov))  
**Subject:** RE: SRP Water User Questionnaires

Laura,

It makes no difference to us how we receive these questionnaires, they have come both hard copy from ADEQ, electrically from the Consulting firm. However Mel would like to handle. Either way I always request the word version as there are multiple groups within SRP that have input on the forms. Thanks Laura.

Thanks,

**Andrea Martinez** | Senior Environmental Engineer I | 602.236.2618  
Salt River Project | 1521 North Project Drive | Tempe, Arizona 85281

---

**From:** Laura Menken [<mailto:LMENKEN@HARGIS.COM>]  
**Sent:** Friday, April 25, 2014 11:46 AM  
**To:** Martinez Andrea L  
**Cc:** Mel Bunkers ([mpb@azdeq.gov](mailto:mpb@azdeq.gov))

**Subject:** RE: SRP Water User Questionnaires

Andrea,

Thanks for your help. Here are the forms for the two sites.

I have one more site that I need to send a letter out to you. Would you prefer I send that via email, as well?

Laura

Laura L.J. Menken, RG

***Hargis + Associates, Inc.***

1640 S. Stapley Drive, Ste 209

Mesa, Arizona 85204

Office 480.345.0888x260

Cell 480.271.5448

[lmenken@hargis.com](mailto:lmenken@hargis.com)

---

**From:** Martinez Andrea L [<mailto:Andrea.Martinez@srpnet.com>]

**Sent:** Friday, April 25, 2014 11:29 AM

**To:** Laura Menken

**Subject:** SRP Water User Questionnaires

Hi Laura,

Could you please send the two questionnaires electronically, word please? It is much easier internally to fill out answers in word then route to internal groups that need to provide input. Thanks.

Thanks,

**Andrea Martinez** | Senior Environmental EngineerI | 602.236.2618

Salt River Project | 1521 North Project Drive | Tempe, Arizona 85281



**HARGIS + ASSOCIATES, INC.**  
HYDROGEOLOGY • ENGINEERING

1640 South Stapley Drive  
Suite 209  
Mesa, AZ 85204  
Phone: 480.345.0888  
Fax: 480.730.0508

VIA EMAIL

May 2, 2014

Rita Neill  
Environmental Programs Manager  
Maricopa County Risk Management  
222 North Central Avenue, Suite 1110  
Phoenix, Arizona 85004

Re: Land and Water Use Study Questionnaire, East Central Phoenix  
40<sup>th</sup> Street and Osborn Road Water Quality Assurance Revolving Fund (WQARF)  
Registry Site, Phoenix, Arizona.

Dear Ms. Neill:

On behalf of the Arizona Department of Environmental Quality (ADEQ), Hargis + Associates, Inc. (H+A) has prepared a Land and Water Use Study Questionnaire for specified stakeholders located in and near the East Central Phoenix - 40<sup>th</sup> Street and Osborn Road WQARF Registry Site (Site). The Site is currently undergoing an evaluation for remedial actions to address tetrachloroethene (PCE) in the groundwater.

This land and water use study is an important tool for ADEQ in development of the remedial objectives for this site. Please complete the enclosed questionnaire within 30 days of receipt. The information you provide is very important for continuation of the remedial process. Please return the questionnaire to Laura Menken, H+A via e-mail at [lmcken@hargis.com](mailto:lmcken@hargis.com).

Please contact me at 480-345-0888, extension 260 with questions or comments.

Sincerely,

HARGIS + ASSOCIATES, INC.

Laura L.J. Menken, RG  
Hydrogeologist/Project Manager  
East Central Phoenix WQARF Site

Attachments

LAND AND WATER USE STUDY QUESTIONNAIRE  
FOR MUNICIPALITIES/COUNTIES/UTILITIES WITHIN THE  
EAST CENTRAL PHOENIX (40<sup>TH</sup> AND OSBORN ROAD)  
WQARF REGISTRY SITE

Please answer all questions. Mark "NA" for questions that are not applicable. Mark "UNK" if the answer is unknown to you at the time of completion. Please attach any additional pages as needed.

Water user municipality/county/utility name: Maricopa County

Date Questionnaire was completed: May 5, 2014

Name of person completing Questionnaire: Rita Neill

Contact Name: Rita Neill

Title: Environmental Programs Manager

Division: Risk Management

Address: 222 N. Central Ave, Ste 1110

Phoenix, AZ 85004

Phone Number: 602-506-5063

1. What is the current use of your municipality's/county's/utility's property within the limits of the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site? (Boundary is an approximate circle about 400 feet in diameter encompassing Salt River Project\_(SRP) well 17.9E-7.5N).

NA

2. Please list the municipality's/county's/utility's properties of concern/boundaries (neighborhood planning committees, zoning, canals, wells) within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundary.

NA

3. What are the foreseeable plans for the municipality's/county's/utility's property within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundary as far into the future as they are known and up to 100 years, if possible?

NA

4. Does the municipality/county/utility have a published general plan for the property within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundary?

NA

5. Are parcel, zoning, or land maps available through the municipality/county/utility? Where are they located?

The County has parcel maps and historical aerials available on the GIS section of its website at [www.Maricopa.gov](http://www.Maricopa.gov)

6. Please list any specific neighborhood concern the municipality/county/utility is aware of within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundaries? Please list future concerns (e.g.- freeway expansion, water use, water availability, etc.).

That any planned remediation coordinate with Maricopa County Air Quality Department for the necessary permits, ie, NESHAPs, dust control, VOC emissions.

7. Please list any future zoning plans or area plans for the municipality/county/utility within the East Central Phoenix (40<sup>th</sup> and Indian School Road) WQARF site boundary:

NA

8. Please list any "special projects" projected or anticipated within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundaries:

NA

9. If any property is leased (the municipality/county/utility is the lessor), how long is the lease term?

NA

10. If the property is leased, are there plans to renew the lease and if so, for how long?

NA

11. Please list any environmental spill of material or waste products that has occurred within the municipality/county/utility within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site boundary in the past 5 years?

NA

12. Is the municipality/county/utility currently sampling groundwater wells within the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site? If so, how often is the sampling conducted? Are analytical results being submitted to ADEQ for the groundwater database?

NA

13. Does your municipality/county/utility have an environmental manager or do you outsource environmental management to an environmental consulting firm? If so, please provide the following information:

Name: Rita Neill

Contact: \_\_\_\_\_

Title: Environmental Programs Manager

Address: Maricopa County Risk Management  
222 N. Central Ave, Ste 1110  
Phoenix, AZ 85004

Phone: 602-506-5063

14. Please indicate anticipated groundwater development by the municipality/county/utility within the East Central Phoenix (38<sup>th</sup> and Osborn Road) WQARF site boundary.

NA

15. Are there any groundwater wells owned by the water provider that have been affected by the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site? If so, please list the ADWR well identification numbers. What is the current status of these wells (e.g.- shut down, still pumping)?

NA

16. What is the future use (up to 100 years) for any wells that have been impacted by the East Central Phoenix (40<sup>th</sup> and Osborn Road) WQARF site?

NA

Thank you for your time. The Project Manager, Mel Bunkers, or a representative from ADEQ's consultant, Hargis + Associates, Inc., may follow-up on answers provided.

**From:** [Rita Neill - RMX](#)  
**To:** [Laura Menken](#)  
**Subject:** Questionnaires for East Central Phoenix WQARF Site  
**Date:** Monday, May 05, 2014 1:57:30 PM  
**Attachments:** [LWUS\\_Cov\\_LtrSurvey\\_ECP-400S\\_MaricopaCounty1.pdf](#)  
[LWUS\\_Cov\\_LtrSurvey\\_ECP-381S\\_MaricopaCounty1.pdf](#)  
[LWUS\\_Cov\\_LtrSurvey\\_ECP-40IS\\_MaricopaCounty1.pdf](#)

---

Laura – here you go. The County doesn't have any facilities or property within these areas, so most of the answers are not applicable.

**Rita H. Neill, PE**  
**Environmental Programs Manager**  
**Maricopa County Risk Management**  
**602-506-5063**

**ATTACHMENT B**  
**ADWR WELL REGISTRATION RECORDS**



**Arizona Department of Water Resources**  
 Water Management Support Section  
 P.O. Box 33589 Phoenix, Arizona 85067-3589  
 (602) 771-8500 • (800) 352-8488  
 www.azwater.gov

**Request to Change Well Information**

**RECEIVED**

NOV 21 2007

**INFO MGMT**

WELL NUMBER  
**A(2-4)30CCA**  
 WELL REGISTRATION NUMBER  
**55-634799**

- ❖ Review instructions prior to completing form in black or blue ink.
  - ❖ You must include with your Notice:
    - check or money order for any required fee(s)
  - ❖ Authority for fee: A.A.C. R12-15-151(B)(4)(a), A.R.S. § 45-113(B)
- \*\* PLEASE PRINT CLEARLY \*\***

**SECTION 1. REGISTRY INFORMATION**

<b>Well Owner</b>		<b>Location of Well</b>					
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL <b>Reid W. Teeples</b>		WELL LOCATION ADDRESS (IF ANY) <b>4101 E. Avalon Dr., Phoenix, AZ 85018</b>					
MAILING ADDRESS <b>2065 N. DORAN</b>		TOWNSHIP (N/S) <b>2N</b>	RANGE (E/W) <b>4E</b>	SECTION <b>30</b>	160 ACRE <b>SW ¼</b>	40 ACRE <b>SW ¼</b>	10 ACRE <b>NE ¼</b>
CITY / STATE / ZIP CODE <b>Mesa AZ 85203</b>		LATITUDE		LONGITUDE			
CONTACT PERSON NAME AND TITLE <b>Reid W. Teeples</b>		Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
TELEPHONE NUMBER <b>480-629-5312</b>		METHOD OF LATITUDE/LONGITUDE (CHECK ONE)		COUNTY WHERE WELL IS LOCATED			
FAX		<input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey <input type="checkbox"/> *GPS: Survey-Grade		<b>Maricopa</b>			
		*IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE)		COUNTRY ASSESSOR'S PARCEL ID NUMBER			
		<input type="checkbox"/> NAD-83 <input type="checkbox"/> Other (please specify):		BOOK <b>127</b>	MAP <b>14</b>	PARCEL <b>038</b>	

**Type of Request (CHECK ONE)**

Change of Well Drilling Contractor (Fill out Section 2)     Change of Well Ownership (Fill out Section 3)     Change of Well information (location, use, etc.) (Fill out Section 4)

**SECTION 2. REQUEST TO CHANGE WELL DRILLING CONTRACTOR (\$10 Fee Required)**    **\$10 FEE**

♦ If drilling or abandoning a well, the Department must receive this request and issue authorization to the new drilling firm prior to the commencement of well drilling or abandonment.

<b>Current Well Drilling Contractor</b>		<b>New Well Drilling Contractor</b>	
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL		FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL	
DWR LICENSE NUMBER		DWR LICENSE NUMBER	ROC LICENSE CATEGORY
TELEPHONE NUMBER	FAX	TELEPHONE NUMBER	FAX

**SECTION 3. STATEMENT OF CHANGE OF WELL OWNERSHIP (\$10 Fee Required)**    **\$10 FEE**

♦ If this change pertains to more than one well and the names are the same, only one \$10 fee is required.

<b>Previous Well Owner</b>		<b>New Well Owner</b>	
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL <b>Same as Section 1</b>		FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL <b>David Ross Abbey &amp; Mary Louise Abbey</b>	
MAILING ADDRESS		MAILING ADDRESS <b>495 N. 42nd Street</b>	
CITY / STATE / ZIP CODE		CITY / STATE / ZIP CODE <b>Phoenix, AZ. 85018</b>	
CONTACT PERSON NAME AND TITLE		CONTACT PERSON NAME AND TITLE <b>Marilyn Zembach</b>	
TELEPHONE NUMBER	FAX	TELEPHONE NUMBER <b>480/503-1104</b>	FAX

**SECTION 4. CHANGE OF WELL INFORMATION (No Fee Required)**    **NO FEE**

**NOTE:** Applies only to wells that have already been drilled. For proposed wells, an amended Notice of Intent to Drill a Well must be filed. EXPLAIN

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

TYPE OR PRINT NAME AND TITLE <b>REID W. TEEPLES</b>	SIGNATURE OF WELL OWNER <i>Reid W. Teeples</i>	DATE <b>11/20/07</b>
--	---	-------------------------



**REGISTRATION OF EXISTING WELLS**

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING  
 PRINT OR TYPE - FILE IN DUPLICATE

**REGISTRATION FEE (CHECK ONE)**

EXEMPT WELL (NO CHARGE)

NON-EXEMPT WELL - \$10.00

07

FOR OFFICE USE ONLY

REGISTRATION NO. 55- 634799

FILE NO. A(2-4)30CCQ

FILED 5-26-82 AT 1PM

(DATE) (TIME)

INA \_\_\_\_\_

AMA **PHOENIX**

1. Name of Registrant:  
Reid W. Teeples  
4101 E. Avalon Drive Phoenix AZ 85018  
 (Address) (City) (State) (Zip)

2. File and/or Control Number under previous groundwater law:  
 \_\_\_\_\_  
 (File Number) 35- (Control Number)

3. a. The well is located within the NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  SW  $\frac{1}{4}$ , Section 30  
 of Township 2N N/S, Range 4E E/W, G & SRB & M, in the  
 County of Maricopa

b. If in a subdivision: Name of subdivision Rancho Ventura #12  
 Lot No. 311, Address 4101 E. Avalon Drive, Phoenix, Arizona, 85018

4. The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)  
Watering lawn and garden only.

5. If for irrigation use, number of acres irrigated from well \_\_\_\_\_

6. Owner of land on which well is located. If same as Item 1, check this box   
 \_\_\_\_\_  
 (Address) (City) (State) (Zip)

7. Well data (If data not available, write N/A)

a. Depth of Well 100 feet

b. Diameter of casing 4 inches

c. Depth of casing 70 feet

d. Type of casing PVC Schedule 40

e. Maximum pump capacity 10 gallons per minute.

f. Depth to water 23 feet below land surface.

g. Date well completed October 1979  
 (Month) (Day) (Year)

8. The place(s) of use of water. If same as Item 3, check this box   
 $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$ , Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
 $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$ , Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

Attach additional sheet if necessary.

9. DATE 5/25/82 SIGNATURE OF REGISTRANT Reid W. Teeples

### Arizona Department of Water Resources

3550 N Central Ave  
Phoenix AZ 85012

LAND AMERICA LAWYERS

Date: 11/21/2007

Cashier: WRPAB

7450 E PINNACLE PEAK RD

SUITE 254

Type: Mail

SCOTTSDALE, AZ

85255

480-502-1106

DCS/INV#	DESCRIPTION	ATTR	SIZE	QTY	PRICE	EXT PRICE
F 78	4439-12 CHANGE OF WELL OWNERSHIP	15238		1	10.00	10.00
				1 Unit(s)	Subtotal:	10.00
					<b>RECEIPT TOTAL:</b>	<b>10.00</b>
					Tendered:	10.00

Check #: 10.00 # 00096029

55-634799



**REGISTRATION OF EXISTING WELLS**

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING  
PRINT OR TYPE - FILE IN DUPLICATE

07

**REGISTRATION FEE (CHECK ONE)**

EXEMPT WELL (NO CHARGE)

NON-EXEMPT WELL - \$10.00

FOR OFFICE USE ONLY

REGISTRATION NO. 55- 634799

FILE NO. A(2-4)30CC9

FILED 5-26-82 AT 1PM

(DATE) (TIME)

INA \_\_\_\_\_

AMA **PHOENIX**

- Name of Registrant: Reid W. Teeples  
4101 E. Avalon Drive Phoenix AZ 85018  
(Address) (City) (State) (Zip)
  - File and/or Control Number under previous groundwater law:  
\_\_\_\_\_ 35-  
(File Number) (Control Number)
  - a. The well is located within the NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  SW  $\frac{1}{4}$ , Section 30,  
of Township 2N N/S, Range 4E E/W, G & SRB & M, in the  
County of Maricopa.  
b. If in a subdivision: Name of subdivision Rancho Ventura #12  
Lot No. 311, Address 4101 E. Avalon Drive, Phoenix, Arizona, 85018
  - The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)  
Watering lawn and garden only.
  - If for irrigation use, number of acres irrigated from well \_\_\_\_\_.
  - Owner of land on which well is located. If same as Item 1, check this box   
\_\_\_\_\_  
(Address) (City) (State) (Zip)
  - Well data (If data not available, write N/A)
    - Depth of Well 100 feet
    - Diameter of casing 4 inches
    - Depth of casing 70 feet
    - Type of casing PVC Schedule 40
    - Maximum pump capacity 10 gallons per minute.
    - Depth to water 23 feet below land surface.
    - Date well completed October 1979  
(Month) (Day) (Year)
  - The place(s) of use of water. If same as Item 3, check this box   
\_\_\_\_\_  $\frac{1}{4}$  \_\_\_\_\_  $\frac{1}{4}$  \_\_\_\_\_  $\frac{1}{4}$ , Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
\_\_\_\_\_  $\frac{1}{4}$  \_\_\_\_\_  $\frac{1}{4}$  \_\_\_\_\_  $\frac{1}{4}$ , Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_
- Attach additional sheet if necessary.
9. DATE 5/25/82 SIGNATURE OF REGISTRANT \_\_\_\_\_



REGISTRATION OF EXISTING WELLS

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING  
PRINT OR TYPE - FILE IN DUPLICATE

REGISTRATION FEE (CHECK ONE)  
EXEMPT WELL (NO CHARGE)   
NON-EXEMPT WELL - \$10.00

07  
FOR OFFICE USE ONLY  
REGISTRATION NO. 55- 623899  
FILE NO. A(2-4)30cd  
FILED 6-14-82 AT 2P  
(DATE) (TIME)  
INA \_\_\_\_\_  
AMA PHOENIX

1. Name of Registrant: B.O.L.S. 44 PARTNERS  
3042 N. 44<sup>th</sup> St. Phoenix, AZ 85018  
(Address) (City) (State) (Zip)

2. File and/or Control Number under previous groundwater law:  
N/A 35  
(File Number) (Control Number)

3. a. The well is located within the SE 1/4 of the SW 1/4, Section 30,  
of Township 2 N, Range 4 E, G & SRB & M, in the  
County of MARICOPA.

b. If in a subdivision: Name of subdivision N/A,  
Lot No. \_\_\_\_\_, Address \_\_\_\_\_

4. The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)  
irrigation (potential) use - well is not now being used

5. If for irrigation use, number of acres irrigated from well 2

6. Owner of land on which well is located. If same as Item 1, check this box   
B.O.L.S. 44 PARTNERS C/O B+B PROPERTIES, INC  
4455 E. CAMELBACK RD SU E-160 PHOENIX AZ 85018  
(Address) (City) (State) (Zip)

7. Well data (If data not available, write N/A)  
a. Depth of Well N/A feet  
b. Diameter of casing \_\_\_\_\_ inches  
c. Depth of casing \_\_\_\_\_ feet  
d. Type of casing \_\_\_\_\_  
e. Maximum pump capacity \_\_\_\_\_ gallons per minute.  
f. Depth to water \_\_\_\_\_ feet below land surface.  
g. Date well completed \_\_\_\_\_ (Month) (Day) (Year)

8. The place(s) of use of water. If same as Item 3, check this box   
1/4 1/4 1/4, Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
1/4 1/4 1/4, Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

Attach additional sheet if necessary.

9. DATE 6/11/82 SIGNATURE OF REGISTRANT Gregory R. Blank  
RESPONSIBLE PARTNER

## INSTRUCTIONS FOR COMPLETING REGISTRATION FORM

### General Instructions

1. A person who owns an "Existing Well" shall register the well, pursuant to A.R.S. 45-593, by filing this form in duplicate with the Department of Water Resources not later than midnight June 14, 1982. The form must be completed and signed. Failure to do so will constitute a violation of A.R.S. 45-593, and may subject the well owner to injunction and/or civil penalties, pursuant to A.R.S. Title 45, Article 12.
2. An "Existing Well" means, (1) a well which was drilled on or before June 12, 1980 and which is not abandoned or sealed, or (2) a well which was not completed on or before June 12, 1980, but for which a Notice of Intention to Drill was on file with the Arizona Water Commission on or before June 12, 1980.
3. No registration fee is required for Exempt Wells. A \$10.00 registration fee must accompany registration forms for all Non-Exempt Wells.
4. An "Exempt Well" means a well having a pump with a maximum capacity of not more than 35 gallons per minute which is used to withdraw groundwater. An Exempt Well may include the non-commercial irrigation of not more than 1 acre of land.
5. A "Non-Exempt Well" means a well that is not an "Exempt Well".

### INSTRUCTIONS FOR REGISTRATION QUESTIONS

1. The Registrant must be the owner of the well and may be an individual, public or private corporation, company, partnership, firm, association, society, estate, trust, any other private organization or enterprise, the United States, any state, territory or country or a governmental entity, political subdivision or municipal corporation organized under or subject to the constitution and laws of this State.
2. If you own an existing irrigation well drilled at any time, or any other type of well drilled on or after June 20, 1968, you should have an assigned control and/or file number. Write these numbers in item 2. If you do not know the number, please explain the reason on the form or on an attached sheet.
3.
  - a. Fill in the Section, Township and Range in all cases if it is available.
  - b. If the well is in a subdivision and you have this information, give the subdivision name, Lot Number, and Address.
4. Show all purposes for which the water is used.
5. If the well is used for irrigation, give the number of acres irrigated in 1980 from the well.
6. If the owner of the land is an individual, give the last name, first name, middle initial. If the owner of the land is a corporation, partnership, firm, etc., fill in the appropriate title.
7. Complete the section on Well Data with the most accurate information available to you. If the data is not available, write N/A in the blanks.
8. Give the legal description of the place of use of the water. If place of use is in a subdivision and legal description is not available, give the subdivision name, Lot Number and/or address on the blank line.
9. The person in whose name a well is registered shall notify the Department of any change in ownership and shall keep all information on the registration record current and accurate. A form entitled "Change of Well Information/Ownership" is available for this purpose. A blank form will be furnished with the returned duplicate copy of the registration form.

B.O.L.S. 44 PARTNERS  
 4455 E CAMELBACK RD STE #160-E  
 PHOENIX AZ 85062

STATE OF ARIZONA  
 DEPARTMENT OF WATER RESOURCES  
 WATER RIGHTS ADMINISTRATION  
 99 EAST VIRGINIA  
 PHOENIX, ARIZONA 85004

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55	623899
	THRU
55	

FUND SOURCE	ACCOUNT NO.			INT. ACCT.	ITEM DESCRIPTION	RATE	\$ AMOUNT
	AGENCY	CHAPTER	DIV.				
					Filing Fee for Registration of Existing Wells	10.00	10.00
					File No. A(2-4)30cd		
						WATER PAYMENT	
						GUESTS 1	
						CHEK NO 101	
						55-1 10.00	
						TAX 0.00	
						TOTL 10.00	
						GEN.CHEK 10.00	

# 3246 A 13100

Check # 101  
 10-21-82 in

TOTAL \$ 10.00

✓ JOB FILE



Arizona Department of Water Resources  
Records Management Section  
500 N. 3rd Street y Phoenix, Arizona 85004  
(602) 417-2405 y (800) 352-8488  
www.water.az.gov

Well Driller Report  
and  
Well Log

- ❖ Review instructions prior to completing form
- ❖ This report should be prepared by the driller in detail and filed with the Department within 30 days following completion of the well.

30

FILE NUMBER
A (2-4) acc
WELL REGISTRATION NUMBER
55-202398
PERMIT NUMBER (IF ISSUED)

\*\* PLEASE PRINT CLEARLY \*\*

SECTION 1 - REGISTRY INFORMATION		Location of Well	
Well Owner FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Salt River Project		WELL LOCATION ADDRESS (IF ANY) Near 44th st. and Osborn Phx, AZ	
MAILING ADDRESS PO Box 52025		TOWNSHIP (NS)	RANGE (EW)
CITY / STATE / ZIP CODE Phoenix, AZ 85072		SECTION	160 ACRE
CONTACT PERSON NAME AND TITLE		2N	4E
TELEPHONE NUMBER	FAX	30	NE 1/4
		40 ACRE	
		SW 1/4	
		10 ACRE	
		SW 1/4	
		LAND SURFACE ELEVATION AT WELL	
		Feet Above Sea Level	
		METHOD OF LATITUDE / LONGITUDE (CHECK ONE)	
		<input type="checkbox"/> Hand-Held	
		<input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey <input type="checkbox"/> GPS: <input type="checkbox"/> Survey-Grade	
		COUNTY ASSESSOR'S PARCEL ID NUMBER	
		BOOK	MAP
		127	8
		PARCEL	
		41-A	
		COUNTY WHERE WELL IS LOCATED	
		Maricopa	

SECTION 2 - DRILLING AUTHORIZATION	
Drilling Firm NAME Weber Group LC	
DWR LICENSE NUMBER 215	
TELEPHONE NUMBER 480-961-1141	FAX 480-961-0290

IMAGED

SECTION 3 - WELL CONSTRUCTION DETAILS		
DATE WELL CONSTRUCTION STARTED 6-27-04	DATE WELL CONSTRUCTION COMPLETED 12-30-04	IF FLOWING WELL, METHOD OF FLOW REGULATION <input type="checkbox"/> Valve <input type="checkbox"/> Other:
Drill Method CHECK ONE <input type="checkbox"/> Air Rotary <input type="checkbox"/> Bored or Augered <input checked="" type="checkbox"/> Cable Tool <input type="checkbox"/> Dual Rotary <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Reverse Circulation <input type="checkbox"/> Driven <input type="checkbox"/> Jetted <input type="checkbox"/> Air Percussion / Odex Tubing <input type="checkbox"/> Other (please specify):	Method of Well Development CHECK ONE <input type="checkbox"/> Airlift <input type="checkbox"/> Bail <input checked="" type="checkbox"/> Surge Block <input type="checkbox"/> Surge Pump <input type="checkbox"/> Other (please specify):	Method of Sealing at Reduction Points CHECK ONE <input type="checkbox"/> None <input type="checkbox"/> Packed <input type="checkbox"/> Swedged <input type="checkbox"/> Welded <input type="checkbox"/> Other (please specify):
Water Level Information		
STATIC WATER LEVEL 27 Feet Below Land Surface		
DATE MEASURED 11-22-04		

ENTERED SEP - 6 2005

**SECTION 4. WELL CONSTRUCTION DESIGN (AS BUILT)** (attach additional page if needed)

Borehole			Installed Casing													
DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER DIAMETER (inches)	MATERIAL TYPE (I)				PERFORATION TYPE (I)					SLOT SIZE IF ANY (inches)	
FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED		IF OTHER TYPE, DESCRIBE
0	38	36	0	38	28	X			.375	X						
			0	39	24 1/2	X			.312	X						
			39	137	24 1/2	X			.312			X				1"x3.5"
			+1	47	20 5/8	X			.312	HLSA						
			47	207	20 5/8	X			.312	HLSA		X		FUL FLO		.050

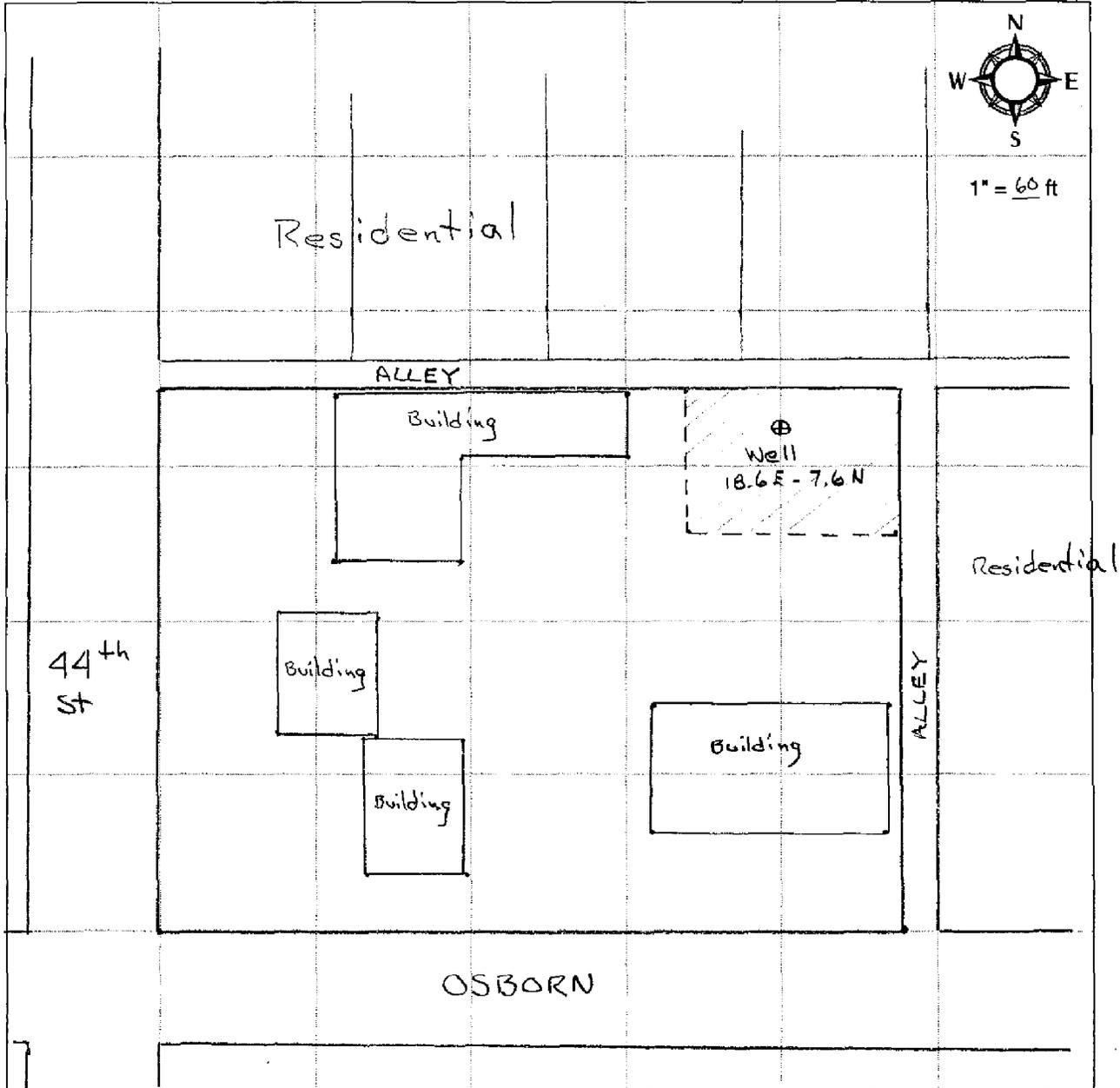
Installed Annular Material										FILTER PACK				
DEPTH FROM SURFACE		ANNULAR MATERIAL TYPE (I)							IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE			SAND	GRAVEL	SIZE
FROM (feet)	TO (feet)	NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	BENTONITE			IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE	SAND	GRAVEL	SIZE		
					GROUT	CHIPS	PELLETS							
0	38			X										
20	205							TACNA		X		6x12		
205	207		X					PLUG INSIDE AND OUT						
DEPTH OF BORING										DEPTH OF COMPLETED WELL				
207										205				
Feet Below Land Surface										Feet Below Land Surface				



**SECTION 6. WELL SITE PLAN**

NAME OF WELL OWNER <b>SALT RIVER PROJECT</b>	COUNTY ASSESSOR'S PARCEL ID NUMBER		
	BOOK <b>127</b>	MAP <b>8</b>	PARCEL <b>41-A</b>

- ❖ Please draw the following: (1) the boundaries of property on which the well was located; (2) the well location; (3) the locations of all septic tank systems and sewer systems on the property or within 100 feet of the well location, even if on neighboring properties; and (4) any permanent structures on the property that may aid in locating the well.
- ❖ Please indicate the distance between the well location and any septic tank system or sewer system.



I state that this notice is filed in compliance with A.R.S. § 45-596 and is complete and correct to the best of my knowledge and belief.

DRILLING FIRM

**WEBER Group LLC**

SIGNATURE OF QUALIFYING PARTY

*[Handwritten Signature]*

DATE

**6/4/05**

ARIZONA DEPARTMENT OF WATER RESOURCES  
WATER MANAGEMENT DIVISION  
500 North Third Street  
Phoenix, Arizona 85004

REISSUE

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILL OPERATIONS

WELL REGISTRATION NO: 55-202398

REPLACES: 55-607713

AUTHORIZED DRILLER: WEBER GROUP, L.C.

LICENSE NO: 215

A NOTICE OF INTENTION TO REPLACE AN EXISTING NON-EXEMPT WELL INSIDE THE PHOENIX ACTIVE MANAGEMENT AREA HAS BEEN GRANTED TO:

WELL OWNER: Salt River Project

P.O. Box 52025

Phoenix, AZ 85072

The well(s) is/are to be located in the:

SW $\frac{1}{4}$  of the SW $\frac{1}{4}$  of the NE $\frac{1}{4}$  Section 30 Township 2 North Range 4 East

No. of well(s) in this project: 1

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE 1ST DAY OF MARCH, 2005.



WATER MANAGEMENT DIVISION

THE DRILLER MUST FILE A LOG OF THE WELL  
WITHIN 30 DAYS OF COMPLETION OF DRILLING

August 26, 2005

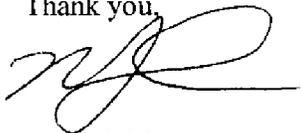
Barb Sims  
ADWR  
Information Management Unit

RE: Salt River Project 55-202398

Barb,

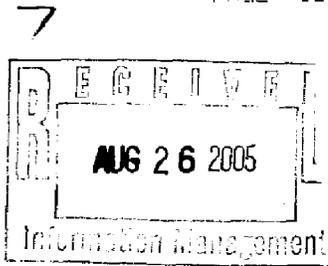
Thank you for your assistance in recognizing and solving the registration issue on this new SRP production well. I have made the appropriate changes to the well completion report. I am unable to offer any assistance on 55-607713 as Weber Group did not abandon that well. If you should have any further questions please don't hesitate to contact me.

Thank you,



Marty Weber

Cc Walker Milici



# Weber Group L.C.

CONTRACTORS

16825 S. Weber Dr. Chandler, AZ 85226  
Phone 480-961-1141 Fax 480-961-0290

## Fax Transmission

Date 8/26/05

<b>To:</b>	<b>From:</b>
Attention <u>BARB SIMS</u>	Name <u>MARY</u>
Company <u>ADWR</u>	Dept
RE <u>SS-202398</u>	Number of pages included <u>7</u>
Fax Number <u>602 417 2421</u>	

Memo

BARB,

Sorry it took so long for such an easy fix. This should be what you need. THANK YOU. MARY

I will send copy in the mail.

If you do not receive all pages please contact above number.

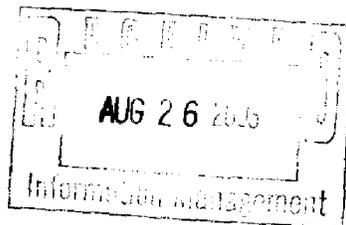
IMAGED

# Weber Group, L.C.

---

August 26, 2005

Barb Sims  
ADWR  
Information Management Unit



RE: Salt River Project 55-202398

Barb,

Thank you for your assistance in recognizing and solving the registration issue on this new SRP production well. I have made the appropriate changes to the well completion report. I am unable to offer any assistance on 55-607713 as Weber Group did not abandon that well. If you should have any further questions please don't hesitate to contact me.

Thank you,

Marty Weber

Cc Walker Milici

**JOB FILE**

**Arizona Department of Water Resources**  
 Records Management Section  
 500 N. 3rd Street γ Phoenix, Arizona 85004  
 (602) 417-2405 γ (800) 352-8488  
 www.water.az.gov

**Well Driller Report  
 and  
 Well Log** *A(2-4)30ACC*

- ❖ Review instructions prior to completing form
- ❖ This report should be prepared by the driller in detail and filed with the Department within 30 days following completion of the well.

RECEIVED  
 AUG 26 2005  
 Information Management

WELL REGISTRATION NUMBER  
**55-202398**  
 PERMIT NUMBER (IF ISSUED)

**\*\* PLEASE PRINT CLEARLY \*\***

SECTION 1 REGISTERED INFORMATION		Location of Well	
WELL OWNER FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Salt River Project		WELL LOCATION ADDRESS (IF ANY) Near 44th st. and Osborn Phx, AZ	
MAILING ADDRESS PO Box 52025		TOWNSHIP (NS)	RANGE (EW)
CITY/STATE/ZIP CODE Phoenix, AZ 85072		SECTION	160 ACRE
CONTACT PERSON NAME AND TITLE		40 ACRE	10 ACRE
TELEPHONE NUMBER	FAX	2N	4E
		30	NE ¼
		LATITUDE	LONGITUDE
		33 °	29 ' 15.73N
		LAND SURFACE ELEVATION AT WELL	
		Feet Above Sea Level	
		METHOD OF LATITUDE / LONGITUDE (CHECK ONE)	
		<input type="checkbox"/> Hand-Held	
		<input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey <input type="checkbox"/> GPS: <input type="checkbox"/> Survey-Grade	
		COUNTY ASSESSOR'S PARCEL ID NUMBER	
		BOOK	MAP
		127	8
		PARCEL	
		41-A	
		COUNTY WHERE WELL IS LOCATED	
		Maricopa	

SECTION 2 DRILLING ORGANIZATION	
NAME Weber Group LC	
DWR LICENSE NUMBER 215	
TELEPHONE NUMBER 480-961-1141	FAX 480-961-0290

SECTION 3 WELL CONSTRUCTION DETAILS		
DATE WELL CONSTRUCTION STARTED 6-27-04	DATE WELL CONSTRUCTION COMPLETED 12-30-04	IF FLOWING WELL, METHOD OF FLOW REGULATION <input type="checkbox"/> Valve <input type="checkbox"/> Other:
Drill Method CHECK ONE <input type="checkbox"/> Air Rotary <input type="checkbox"/> Bored or Augered <input checked="" type="checkbox"/> Cable Tool <input type="checkbox"/> Dual Rotary <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Reverse Circulation <input type="checkbox"/> Driven <input type="checkbox"/> Jetted <input type="checkbox"/> Air Percussion / Odex Tubing <input type="checkbox"/> Other (please specify):	Method of Well Development CHECK ONE <input type="checkbox"/> Airlift <input type="checkbox"/> Bail <input checked="" type="checkbox"/> Surge Block <input type="checkbox"/> Surge Pump <input type="checkbox"/> Other (please specify):	Method of Sealing or Regulation Points CHECK ONE <input type="checkbox"/> None <input type="checkbox"/> Packed <input type="checkbox"/> Swedged <input type="checkbox"/> Welded <input type="checkbox"/> Other (please specify):
Water Level Information		
STATIC WATER LEVEL 27 Feet Below Land Surface		
DATE MEASURED 11-22-04		

Well Driller Report and Well Log

WELL REGISTRATION NUMBER  
55-202398

SECTION II: WELL CONSTRUCTION DESIGN (AS BUILT) (attach additional pages if needed)

Borehole			Installed Casing													
DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER DIAMETER (inches)	MATERIAL TYPE (T)				PERFORATION TYPE (T)					SLOT SIZE IF ANY (inches)	
FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED		IF OTHER TYPE, DESCRIBE
0	38	36	0	38	28	X			.375	X						
			0	39	24 1/2	X			.312	X						
			39	137	24 1/2	X			.312			X				1"x3.5"
			+1	47	20 5/8	X			.312 HLSA	X						
			47	207	20 5/8	X			.312 HLSA		X			FUL FLO		.050

AUG 26 2005  
Information Management

DEPTH FROM SURFACE		NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	BENTONITE			IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE	SAND	GRAVEL	SIZE
FROM (feet)	TO (feet)					GROUT	CHIPS	PELLETS				
0	38			X								
20	205							TACNA		X		6x12
205	207		X					PLUG INSIDE AND OUT				

DEPTH OF BORING: 207 Feet Below Land Surface      DEPTH OF COMPLETED WELL: 205 Feet Below Land Surface

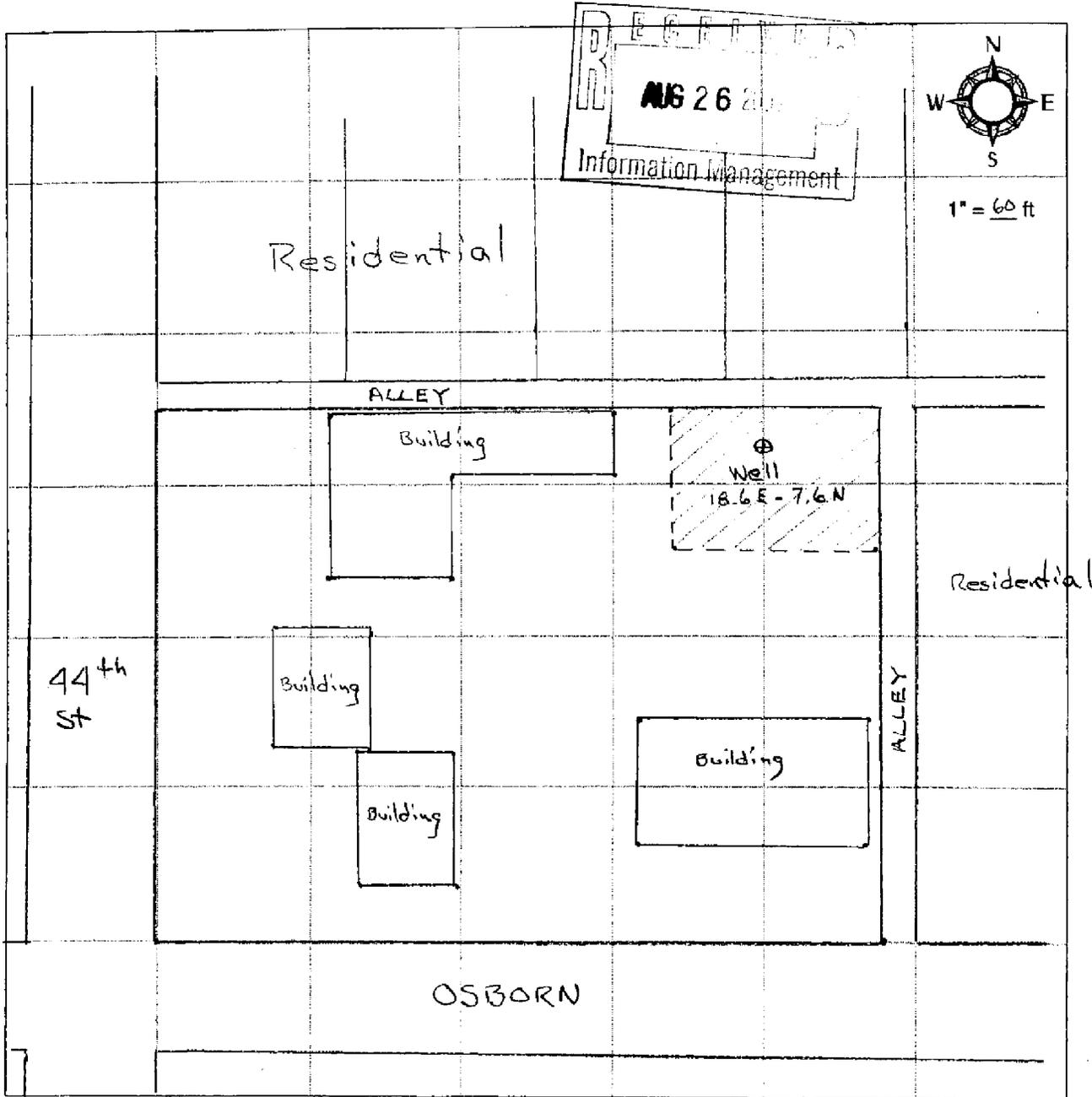


Report and Well Log

WELL REGISTRATION NUMBER  
55-202398

SECTION 6 WELL SITE PLAN			
NAME OF WELL OWNER SALT RIVER PROJECT		COUNTY ASSESSOR'S PARCEL ID NUMBER	
BOOK 127	MAP 8	PARCEL 41-A	

- ❖ Please draw the following: (1) the boundaries of property on which the well was located; (2) the well location; (3) the locations of all septic tank systems and sewer systems on the property or within 100 feet of the well location, even if on neighboring properties; and (4) any permanent structures on the property that may aid in locating the well.
- ❖ Please indicate the distance between the well location and any septic tank system or sewer system.



I state that this notice is filed in compliance with A.R.S. § 45-596 and is complete and correct to the best of my knowledge and belief.

DRILLING FIRM

WEBER GROUP LC

SIGNATURE OF QUALIFYING PARTY

*[Handwritten Signature]*

DATE

6/4/05

**ARIZONA DEPARTMENT OF WATER RESOURCES  
WATER MANAGEMENT DIVISION**

500 North Third Street  
Phoenix, Arizona 85004

**REISSUE**

**THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILL OPERATIONS**

**WELL REGISTRATION NO: 55-202398**

**REPLACES: 55-607713**

**AUTHORIZED DRILLER: WEBER GROUP, L.C.**

**LICENSE NO: 215**

**A NOTICE OF INTENTION TO REPLACE AN EXISTING NON-EXEMPT WELL INSIDE THE PHOENIX ACTIVE MANAGEMENT AREA HAS BEEN GRANTED TO:**

**WELL OWNER:**

Salt River Project

P.O. Box 52025

Phoenix, AZ 85072

The well(s) is/are to be located in the:

SW<sup>1</sup>/<sub>4</sub> of the SW<sup>1</sup>/<sub>4</sub> of the NE<sup>1</sup>/<sub>4</sub> Section 30 Township 2 North Range 4 East

No. of well(s) in this project: 1

**THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE 1ST DAY OF MARCH, 2005.**



\_\_\_\_\_  
WATER MANAGEMENT DIVISION

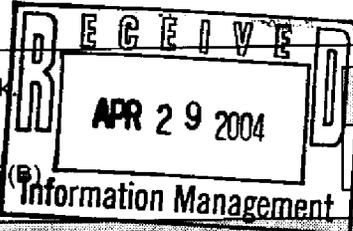
**THE DRILLER MUST FILE A LOG OF THE WELL,  
WITHIN 30 DAYS OF COMPLETION OF DRILLING**





Arizona Department of Water Resources  
Groundwater Management Support Section  
P.O. Box 458 • Phoenix, Arizona 85001-0458  
(602) 417-2470 • (800) 352-8488  
www.water.az.gov

### Request to Change Well Information



FILE NUMBER  
WELL REGISTRATION NUMBER  
55-202398

- Review instructions prior to completing form in black or blue ink.
- You must include with your Notice:
  - check or money order for any required fee(s)
- Authority for fee: A.A.C. R12-15-151(B)(4)(a), A.R.S. § 45-113(B)

**\*\* PLEASE PRINT CLEARLY \*\***

#### SECTION 1. REGISTRY INFORMATION

<b>Well Owner</b> FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL SRP/16ST52		<b>Location of Well</b> WELL LOCATION ADDRESS (IF ANY) 18.5E-7.5N					
MAILING ADDRESS P.O. Box 52025		TOWNSHIP (NS)	RANGE (EW)	SECTION	160 ACRE	40 ACRE	10 ACRE
CITY / STATE / ZIP CODE Phoenix, AZ 85072-2025		2N	4E	30	NE 1/4	SW 1/4	SW 1/4
CONTACT PERSON NAME AND TITLE Walker Milici Geohydrologist		LATITUDE 33° 29' 15.73"N Degrees Minutes Seconds		LONGITUDE -111° 59' 12.51"W Degrees Minutes Seconds			
TELEPHONE NUMBER 602-236-5363	FAX 602-236-2987	COUNTY ASSESSOR'S PARCEL ID NUMBER BOOK 127 MAP 8 PARCEL 41A & B		COUNTY WHERE WELL IS LOCATED Maricopa			

#### Type of Request (CHECK ONE)

Change of Well Drilling Contractor (Fill out Section 2)   
 Change of Well Ownership (Fill out Section 3)   
 Change of Well Information (location, use, etc.) (Fill out Section 4)

#### SECTION 2. REQUEST TO CHANGE WELL DRILLING CONTRACTOR (\$10 Fee Required)

If drilling or abandoning a well, the Department must receive this request and issue authorization to the new drilling firm prior to the commencement of well drilling or abandonment.

**\$10 FEE**

<b>Current Well Drilling Contractor</b> FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Layne Christensen		<b>New Well Drilling Contractor</b> FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL The Weber Group	
DWR LICENSE NUMBER 7	TELEPHONE NUMBER 480-895-9404	DWR LICENSE NUMBER 215	TELEPHONE NUMBER 480-961-1141
FAX 480-895-8699		ROC LICENSE CATEGORY Exempt	FAX 480-961-0290

#### SECTION 3. STATEMENT OF CHANGE OF WELL OWNERSHIP (\$10 Fee Required)

**\$10 FEE**

	PO BOX 52025 PHOENIX, AZ 85072-2025 (602) 236-5900	BANK ONE, ARIZONA, NA COMMERCIAL BANKING PHOENIX, ARIZONA	LIMIT \$500	160665	91-2 1221
PURPOSE: ADWRI PERMIT	DATE: 4/29/04		VOID AFTER 60 DAYS FROM ISSUE OR 12/31/2008 WHICHEVER COMES FIRST NOT VALID FOR MORE THAN \$500.00		
EMPLOYEE NUMBER: 07510	PAY TO THE ORDER OF: ADWR		\$ 10.00		
EMPLOYEE NUMBER: 13223	THE AMOUNT OF: ten & 00/100		DOLLARS		
EXPENSE AUTHORIZED BY: [Redacted]					

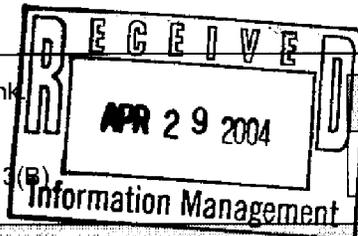
**0 FEE**  
must be filed.

DATE



**Arizona Department of Water Resources**  
 Groundwater Management Support Section  
 P.O. Box 458 • Phoenix, Arizona 85001-0458  
 (602) 417-2470 • (800) 352-8488  
 www.water.az.gov

**Request to Change Well Information**



- Review instructions prior to completing form in black or blue ink.
- You must include with your Notice:
  - check or money order for any required fee(s)
- Authority for fee: A.A.C. R12-15-151(B)(4)(a), A.R.S. § 45-113(B)

FILE NUMBER  
 WELL REGISTRATION NUMBER  
 55-202398

**\*\* PLEASE PRINT CLEARLY \*\***

SECTION 1. REGISTRY INFORMATION	
<b>Well Owner</b>	<b>Location of Well</b>
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL SRP/16ST52	WELL LOCATION ADDRESS (IF ANY) 18.5E-7.5N
MAILING ADDRESS P.O. Box 52025	TOWNSHIP (N/S) RANGE (E/W) SECTION 160 ACRE 40 ACRE 10 ACRE 2N 4E 30 NE 1/4 SW 1/4 SW 1/4
CITY / STATE / ZIP CODE Phoenix, AZ 85072-2025	LATITUDE LONGITUDE 33° 29' 15.73"N -111° 59' 12.51"W Degrees Minutes Seconds Degrees Minutes Seconds
CONTACT PERSON NAME AND TITLE Walker Milici Geohydrologist	COUNTY ASSESSOR'S PARCEL ID NUMBER BOOK MAP PARCEL 127 8 41A & B
TELEPHONE NUMBER FAX 602-236-5363 602-236-2987	COUNTY WHERE WELL IS LOCATED Maricopa partitions of... Description attached

**Type of Request (CHECK ONE)**

Change of Well Drilling Contractor (Fill out Section 2)     
 Change of Well Ownership (Fill out Section 3)     
 Change of Well Information (location, use, etc.) (Fill out Section 4)

**SECTION 2. REQUEST TO CHANGE WELL DRILLING CONTRACTOR (\$10 Fee Required)** **\$10 FEE**

♦ If drilling or abandoning a well, the Department must receive this request and issue authorization to the new drilling firm prior to the commencement of well drilling or abandonment.

Current Well Drilling Contractor		New Well Drilling Contractor	
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Layne Christensen	FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL The Weber Group	DWR LICENSE NUMBER 7	DWR LICENSE NUMBER ROC LICENSE CATEGORY 215 Exempt
TELEPHONE NUMBER FAX 480-895-9404 480-895-8699	TELEPHONE NUMBER FAX 480-961-1141 480-961-0290		

**SECTION 3. STATEMENT OF CHANGE OF WELL OWNERSHIP (\$10 Fee Required)** **\$10 FEE**

♦ If this change pertains to more than one well and the names are the same, only one \$10 fee is required.

Previous Well Owner		New Well Owner	
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL	FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL	MAILING ADDRESS	MAILING ADDRESS
MAILING ADDRESS	MAILING ADDRESS	CITY / STATE / ZIP CODE	CITY / STATE / ZIP CODE
CITY / STATE / ZIP CODE	CITY / STATE / ZIP CODE	CONTACT PERSON NAME AND TITLE	CONTACT PERSON NAME AND TITLE
CONTACT PERSON NAME AND TITLE	CONTACT PERSON NAME AND TITLE	TELEPHONE NUMBER FAX	TELEPHONE NUMBER FAX
TELEPHONE NUMBER FAX	TELEPHONE NUMBER FAX		

**SECTION 4. CHANGE OF WELL INFORMATION (No Fee Required)** **NO FEE**

**NOTE:** Applies only to wells that have already been drilled. For proposed wells, an amended Notice of Intent to Drill a Well must be filed.

EXPLAIN

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

TYPE OR PRINT NAME AND TITLE Walker Milici Geohydrologist	SIGNATURE OF WELL OWNER Walker Milici for SRP	DATE 4/29/04
--	--	-----------------

## PRELIMIARY LEGAL DESCRIPTIONS - PENDING SURVEY

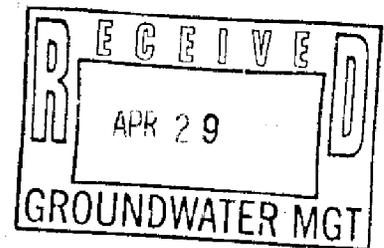
**Fee Purchase: Parcel 127-08-041A (KNIGHT)**

The East 60 feet of the North 40 feet of Tract "A", CHESTLEY MANOR, according to Book 63 of Maps, Page 5, records of Maricopa County, Arizona. Said parcel contains 2,400 square feet, more or less.

**Fee Purchase: Parcel 127-08-041B (Reyman)**

The East 60 feet of the South 15 feet of the North 55 feet of Tract "A", CHESTLEY MANOR, according to Book 63 of Maps, Page 5, records of Maricopa County, Arizona. Said parcel contains 900 square feet, more or less.

---



**Drilling Authorities**

Registry ID	License #	Issue Date	Expiration Date
55-012200	215	05/04/2004	03/01/2005

Comments: [Empty]

**Driller Licenses**

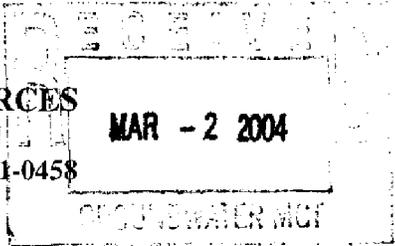
Company	Qualifying Party	<input checked="" type="checkbox"/> Active License
WEBER GROUP, L.C.	SEE COMMENTS	

Address 1: 15525 S. WEBER DRIVE  
 Address 2: [Empty]

City	State	Zip Code	Phone	POC Licenses
CHANDLER	AZ	85228-41	400-361-1141	4-15 & RA

Comments: BERNARD, BERNIE LEE WEBER 00-04 ACTIVE  
 MARTY WEBER 2000-2003 ACTIVE  
 CARR, EDGAR RAYMOND 1998-2003 ACTIVE

**ARIZONA DEPARTMENT OF WATER RESOURCES**  
**WATER MANAGEMENT SUPPORT SECTION**  
**MAIL TO: P.O. BOX 458, PHOENIX, ARIZONA 85001-0458**  
 500 North Third Street, Phoenix, Arizona 85004  
 Phone (602) 417-2470 Fax (602) 417-2422



**NOTICE OF INTENTION TO DEEPEN, REPLACE OR MODIFY AN EXISTING,  
 NON-EXEMPT WELL AT APPROXIMATELY THE SAME LOCATION  
 IN AN ACTIVE MANAGEMENT AREA**

PLEASE READ GENERAL INSTRUCTIONS AND CONDITIONS ON REVERSE SIDE OF THIS FORM BEFORE COMPLETING.  
 Section § 45-597, Arizona Revised Statutes provides: In an Active Management Area, prior to deepening, replacing or modifying an existing well at approximately the same location, a person entitled to withdraw groundwater, shall file a Notice of Intention to Drill with the Department.

1. WELL/LAND LOCATION:  
2 NS 4 DW 30  
 Township Range Section  
SW SW NE  
 10 Acre 40 Acre 160 Acre

2. POSITION LOCATION OF THE WELL:  
 Latitude 33° 29' 15.73" N  
 Longitude 111° 59' 12.51" W

3. COUNTY Maricopa

4. APPLICANT SRP  
 Name SRP  
 Mailing Address 165T52/P.O. Box 52025  
Phoenix AZ 85012-2025  
 City State Zip  
 Telephone No. 602-236-5363

5. OWNER OF THE LAND OF WELLSITE: SRP  
 Name SRP  
 Mailing Address 165T52/P.O. Box 52025  
Phoenix AZ 85012-2025  
 City State Zip  
 Telephone No. 602-236-5363

6. THIS NOTICE IS FILED BY:  
 Check one:  Owner  Lessee  
same as above  
 Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City State Zip \_\_\_\_\_

7. DESCRIPTION OF THE PROPOSED WELL:  
 Diameter 20 Inches  
 Depth 300 Feet  
 Type of Casing steel

8. ESTIMATE OF TOTAL ANNUAL PUMPAGE:  
1050 Acre Feet per Year

9. ESTIMATED AMOUNT OF GROUNDWATER WITHDRAWN FROM THE ORIGINAL WELL:  
1050 Acre Feet per Year

10. PRINCIPAL USE OF WATER (be specific): Irrigation

11. OTHER USES INTENDED (be specific): None

12. CONSTRUCTION WILL START:  
5 2003  
 Month Year

FOR DEPARTMENT USE ONLY  
 File No. A(2-4)30 ACC  
 Filed 3-2-2004 By DSK  
 Input 3-2-04 By DSK  
 DUPLICATE  
 Mailed 3-15-04 By DSK  
 Registration 55- 202390  
 AMA/INA PHOENIX

13. CLAIM OF ENTITLEMENT TO WITHDRAW GROUNDWATER:  
 Certificate 58 \_\_\_\_\_  
 Permit 59- \_\_\_\_\_  
 Irrigation District 57- 002520  
 Service Area 56- \_\_\_\_\_  
 Recovery Well Permit \_\_\_\_\_

14. ACTION REQUESTED:  
 Deepen  Replace  Modify  
 For a replacement well give distance from original well 730 Feet

15. EXISTING WELL REGISTRATION NO. 55- 607713

16. WILL THE WELL BE REPLACED OR ABANDONED?  Yes  No

17. DRILLING FIRM:  
 Name Layne Christensen  
 Mailing Address 12030 E. Riggs Rd  
Chandler AZ 85249  
 City State Zip  
 Telephone No. 480 602-895-9404

DWR License Number 7  
 ROC License Category Exempt

18. Is the proposed well within 100 feet of a septic tank system, sewage area, landfill, hazardous waste facility or storage area of hazardous material or a petroleum storage area and tank?  Yes  No

19. Attach a detailed construction diagram of the proposed well design. The diagram should provide verification of consistency with minimum construction requirements. Specifically, the diagram should include an indication of the perforated interval location(s) in relationship to the expected water level; the depth and thickness of the surface seal, and grouting material used; whether the surface or conductor casing will extend above grade; and vault details, if specified.

I state that this Notice is filed in compliance with Rules A.A.C. R12-15-809 and R12-15-816(F), and is complete and correct to the best of my knowledge and belief, and that I understand the conditions set forth on the reverse side of this form.

Walker Milici Geohydrologist for SRP 3/1/04  
 Type or Print Name and Title Signature  Land Owner  Lessee of well site Title Date

ARIZONA DEPARTMENT OF WATER RESOURCES

GROUNDWATER MANAGEMENT DIVISION

500 North Third Street - Phoenix, Arizona 85004-3903

MAR - 2 2004

Telephone 602-417-2470

Fax 602-417-2422

NEW WELL CONSTRUCTION SUPPLEMENT (form DWR 55-90)

Well Registration Number 55- 202398  
(FOR DEPARTMENT USE ONLY)

1. Well Location:

SW 1/4 of the SW 1/4 of the NE 1/4, Sec. 30 Township 2N Range 4E.  
10AC 40AC 160AC

2. Position Location of the Well:

Latitude 33° 29' 15.73" Longitude 111° 59' 12.51"

3. County Maricopa

4. Date construction to start: 3/04

5. Time period well will remain in use: 100 years

6. Is pump equipment to be installed? Yes If so, design pump capacity: 750 GPM.  
(estimate)

7. Well construction plan:

a. Drilling method (mud rotary, hollow-stem auger, etc.) cable tool

b. Borehole diameters 36" inches from 0 feet to 40 feet.

30" inches from 40 feet to 300 feet.

c. Casing materials steel blank & slotted casing

d. Method of well development (bail, air lift, surge, etc.) swab & pump/surge

e. Will surface or conductor casing extend above grade? yes, approx. 1'

8. Include a detailed construction diagram of the proposed well design. The diagram should verify consistency with minimum construction requirements specified in the Department's well construction rules found in Arizona Administrative Code (A.A.C.) R12-15-801 et. seq. Specifically, the diagram should include borehole diameters; casing materials and diameters; perforation intervals; the expected water level; depth and thickness of the surface seal; proposed grouting materials; and the length that the surface or conductor casing will extend above grade, or vault details, if specified.

9. Proposed materials and method of abandonment if well is to be abandoned after project is completed (Minimum requirements per A.A.C. R12-15-816):

Well will not be abandoned

10. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous material, or petroleum storage area or tank? \_\_\_ Yes  No

11. Is this well to monitor existing contamination? \_\_\_ Yes  No

Potential contamination? \_\_\_ Yes  No If yes, please provide explanation: \_\_\_\_\_

12. Will the proposed well be a replacement well in the same location (A.R.S. §§ 45-596 and 45-597, A.A.C. R12-15-840)? A replacement well is one located no more than 660 feet from the original well that it is replacing, and which is not expected to withdraw on an annual basis more groundwater than historical annual withdrawals from the original well.  Yes \_\_\_ No

If yes then indicate the following:

(a) Record the registration number for the well that will be replaced: 55- 607713

(b) Will the original well to be replaced be \_\_\_ Capped,  Abandoned \_\_\_ Other.

If Other, please explain: \_\_\_\_\_

13. Name of Consulting firm, if any : None

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Contact Person: \_\_\_\_\_ Telephone Number \_\_\_\_\_

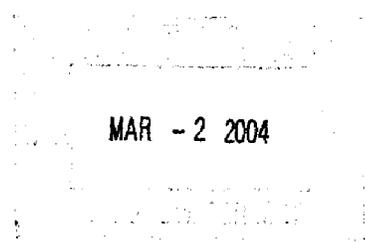
14. Drilling firm: Layne Christensen

DWR License Number: 7 ROC License Category: Exempt

15. Special construction standards, if any, required pursuant to A.A.C. R12-15-821: None

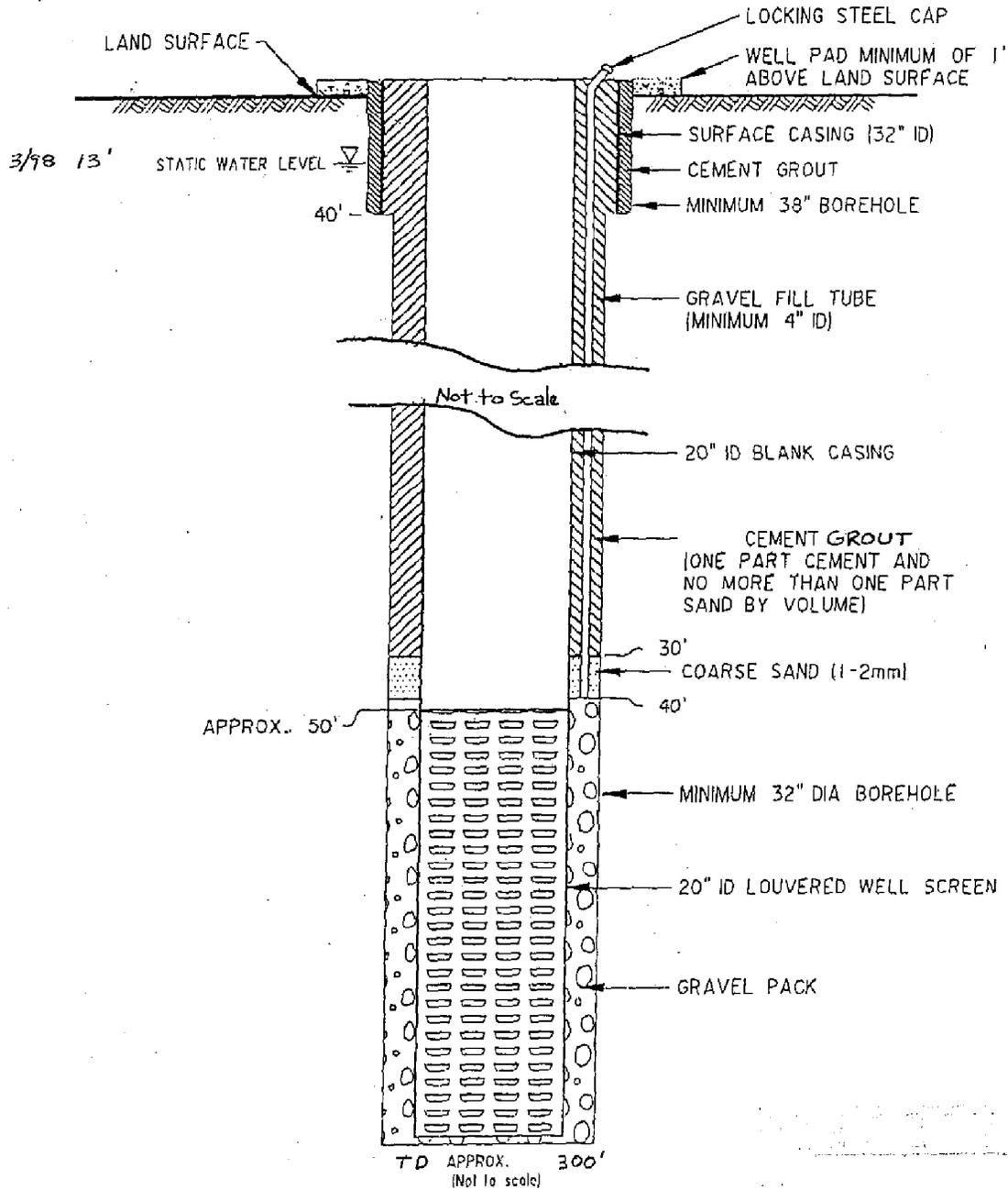
I (we), Walker Milic hereby swear that all information provided in this application is true and correct to the best of my/our knowledge and belief.

Walker Milic for SRP Signature of Applicant 3/1/04 Date



# WELL No. 55-202398

## SCHEMATIC DIAGRAM OF PROPOSED PRODUCTION WELL SRP WELL 18.5E-7.5N



MAR - 2 2004

3/04

**ARIZONA DEPARTMENT OF WATER RESOURCES  
HYDROLOGY DIVISION - WQARF UNIT**

**MEMORANDUM**

DATE: March 17, 2004

TO: Darlene Sumpter-King, Groundwater Management Support  
Scott Miller, Phoenix AMA

THROUGH: Teri Davis, WQARF Unit

FROM: Andrew Scott, WQARF Unit *AS*

SUBJECT: **55-202398 – Salt River Project (SRP)**

APPLICATION: **NOI to Replace a Well (Old Well 55-607713)**

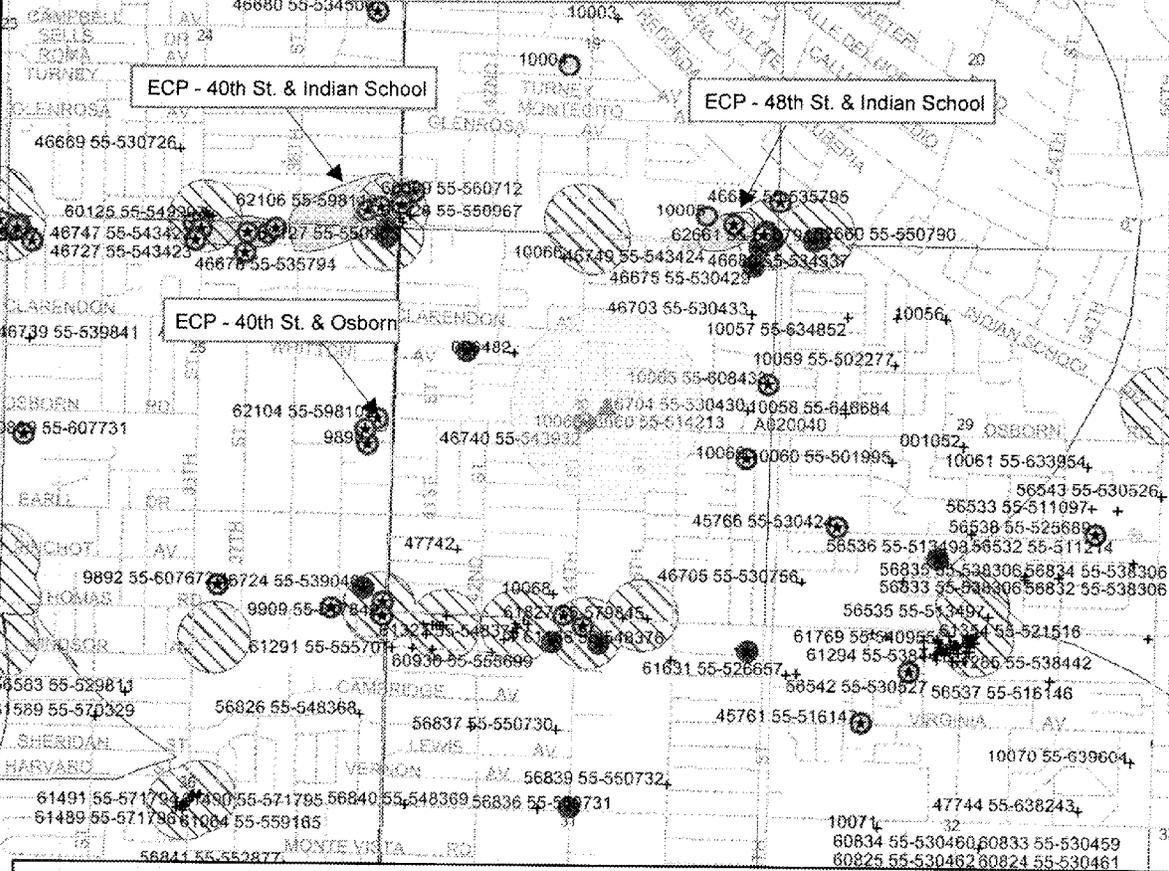
1. The area of groundwater withdrawal activities is located within in proximity to an area of known significant groundwater contamination known as the East Central Phoenix (ECP) Water Quality Assurance Revolving Fund (WQARF) site. The well site is located about ½ mile Southwest of the ECP 48<sup>th</sup> Street and Indian School Road site, about ½ mile Southeast of the ECP 40<sup>th</sup> Street and Indian School Road site, and about ½ mile East of the ECP 40<sup>th</sup> Street and Osborn Road site. According to Arizona Department of Environmental Quality (ADEQ) Groundwater Database, sample results from wells located within ¼ of a mile of the withdrawal activities indicate parameter concentrations that exceed Maximum Contaminant Level (MCL) standards for Fluoride (F), Trichloroethylene (TCE), Nitrate (NO<sub>3</sub>). In addition, parameter concentrations also exceed Secondary Maximum Contaminant Level (MCL2) standards for Chloride, Total Dissolved Solids (TDS), and pH and Health Based Guidance Levels for Vanadium (V). These samples are taken from the old SRP at this location (55-607713), and the TCE exceedence was from a sample taken in 1986. Recent water quality sampling data were provided by SRP, which indicate that TCE was detected in 55-607713 up to 1990. Water samples from 1991 through 2003 were non-detect (BDL) or below the reporting limit (BRL) for TCE. See attached map and supporting information.
2. An NOI to replace 55-607713 was submitted on March 26, 2003. Hydrology/WQARF reviewed the NOI on April 10, 2003 and the drilling authority to replace 55-607713 was issued. The well was not drilled within the 1-year timeframe, so SRP submitted the same application to get a new authority. The original WQARF review found that the well was to be drilled in the Upper Alluvial Aquifer (UAU) and that bedrock (Red Unit?) is expected to be encountered at 300 feet below the land surface, at which point drilling would stop and the well would be completed above the rock.

RE: 55-202398 – SRP  
NOI to Replace 55-607713  
3/17/2004  
Page 2

3. According to Walker Milici of SRP, the bedrock is expected to be found at a depth of **up to** 300 feet. SRP intends to produce primarily from the UAU and little or no production is expected from the bedrock if the well is even completed in rock.
4. Given the recent sampling data provided by SRP, the WQARF Unit has no objections to issuance of the drill card. However, given the history of contamination at the site, it is strongly recommended that the well be completed entirely within the UAU and that if the bedrock is encountered during drilling, the borehole should be backfilled with neat cement or bentonite grout to a depth that is at least 5 feet above the top of the bedrock.
5. References: Water Quality Information Maps Program (attached), the Groundwater Code (Arizona Revised Statutes, Title 45, Chapter 2), and the rules adopted thereunder.
6. If more information is needed, contact me at (602) 417-2448, ext. 7273. Thank you.

attachments: as stated

# 55-202398 - SRP NOI Replace a Non-Exempt Well A(2-4)30ACC



<p><b>Well Site Features</b></p> <ul style="list-style-type: none"> <li>▲ Well Location</li> <li>□ 1 Mile Well Site Buffer</li> </ul> <p><b>ADEQ Wells</b></p> <ul style="list-style-type: none"> <li>● HBGL Exceedence</li> <li>○ Secondary MCL Exceedence</li> <li>★ MCL Exceedence</li> <li>+ No Exceedence</li> </ul> <p><b>Well Numbers</b></p> <p>23051 ADEQ 55-623229 ADWR</p>	<p><b>Geographic Features</b></p> <ul style="list-style-type: none"> <li>— Streets</li> <li>□ Sections</li> <li>□ Townships</li> <li>D100100 Township/Range Label</li> <li>07 Section Label</li> </ul> <p><b>Registry Sites</b></p> <ul style="list-style-type: none"> <li>□ 1 Mile Buffer</li> <li>□ Registry Site Boundary</li> </ul> <p><b>Other Water Quality Sites</b></p> <ul style="list-style-type: none"> <li>▨ LUST Buffer</li> <li>▨ RCRA Buffer</li> </ul>	    <p style="text-align: right;">3/16/2004</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p style="font-size: small; margin: 0;">ARIZONA DEPARTMENT OF WATER RESOURCES</p> </div>
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Information provided is preliminary and subject to revision. It may not represent the full extent of known water quality concerns.

Rec	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	Sample Date	Parameter Name	HBGL	HBGL Units	DEQ Well	Registry ID
1	371.85	mg/L		mg/L			250	mg/L	9/17/1985	CHLORIDE, TOTAL IN WATER			10064	55-607713
2	16.527	mg/L		mg/L	4		2	mg/L	9/17/1985	FLUORIDE, TOTAL (AS F)	4	mg/L	10064	55-607713
3	3	ug/L	3	ug/L					7/16/1986	COBALT, DISSOLVED (AS CO)	0.7	ug/L	10064	55-607713
4	8	SU		SU			6.5	SU	7/16/1986	PH (STANDARD UNITS)			10064	55-607713
5	9.36	ug/L		ug/L	5				7/16/1986	TRICHLOROETHYLENE, DISSOLVED			10064	55-607713
6	30	ug/L		ug/L					7/16/1986	VANADIUM, DISSOLVED (AS V)	7	ug/L	10064	55-607713
7	383.91	mg/L		mg/L			250	mg/L	10/14/1986	CHLORIDE, TOTAL IN WATER			10064	55-607713
8	67	mg/L		mg/L	45				10/14/1986	NITRATE NITROGEN, TOTAL (AS NO3)			10064	55-607713
9	8	SU		SU			6.5	SU	7/16/1987	PH (STANDARD UNITS)			10064	55-607713
10	0.5	ug/L	0.5	ug/L					6/15/1988	METHYL CHLORIDE (CHLOROMETHANE), TOTAL WATER	0.19	ug/L	10064	55-607713
11	0.05	ug/L	0.05	ug/L					6/14/1989	ALDRIN IN WHOLE WATER SAMPLE	0.002	ug/L	10064	55-607713
12	0.1	ug/L	0.1	ug/L					6/14/1989	DIELDRIN IN WHOLE WATER SAMPLE	0.001	ug/L	10064	55-607713
13	0.5	ug/L	0.5	ug/L					6/14/1989	METHYL CHLORIDE (CHLOROMETHANE), TOTAL WATER	0.19	ug/L	10064	55-607713
14	0.5	ug/L	0.5	ug/L					6/14/1989	METHYL CHLORIDE (CHLOROMETHANE), TOTAL WATER	0.19	ug/L	10064	55-607713
15	0.5	ug/L	0.5	ug/L	0.08				6/14/1989	PCB - 1016, TOTAL WATER			10064	55-607713
16	0.5	ug/L	0.5	ug/L	0.3				6/14/1989	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE			10064	55-607713
17	0.5	ug/L	0.5	ug/L	0.1				6/14/1989	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE			10064	55-607713
18	0.5	ug/L	0.5	ug/L	0.1				6/14/1989	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE			10064	55-607713
19	0.5	ug/L	0.5	ug/L	0.2				6/14/1989	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE			10064	55-607713
20	981	mg/L		mg/L			500	mg/L	10/18/1990	(TDS) RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)			10064	55-607713

note: ug/L = micrograms per liter, equivalent to parts per billion (ppb)  
 mg/L = milligrams per liter, equivalent to parts per million (ppm)  
 SU = Standard Units

Rec	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	Sample Date	Parameter Name	HBGL	HBGL Units	DEQ Well	Registry ID
21	5.7	mg/L		mg/L	4	mg/L	2	mg/L	10/18/1990	FLUORIDE, TOTAL (AS F)	4	mg/L	10064	55-607713
22	0.5	ug/L	0.5	ug/L					10/18/1990	METHYL CHLORIDE (CHLOROMETHANE), TOTAL WATER	0.19	ug/L	10064	55-607713

note: ug/L = micrograms per liter, equivalent to parts per billion (ppb)  
 mg/L = milligrams per liter, equivalent to parts per million (ppm)  
 SU = Standard Units

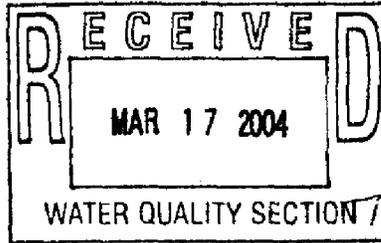
**Analysis Results**

3/17/200

3/17/04

**Between: 01/01/1986 and 12/31/2004**

		DBCP	TCE
18.SE-07.5 N	7/16/1986		9.36
	7/16/1987		4.8
	6/15/1988		3
	6/14/1989	BDL	2.4
	10/18/1990		0.9
	7/1/1991	BDL	BDL
	7/15/1992	BDL	BDL
	8/24/1993	BDL	BDL
	9/14/1994	BDL	BDL
	7/19/1995	BDL	BDL
	8/21/1996	BRL	BRL
	8/4/1998	BRL	BRL
	8/11/1999	BRL	BRL
	6/29/2000	BRL	BRL
	5/31/2001	BRL	BRL
	12/12/2002	BRL	BRL
12/17/2003	BRL	BRL	



1 page

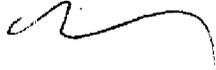
To: Andrew Scott

From: Walker Milic:

SRP

602 236 5363

**Phoenix AMA  
Memorandum**

**To:** Darlene Sumpter-King  
**From:** Scott Miller   
**Date:** March 15, 2004  
**Subject:** Notice of Intent to Replace Well No. 55-607713 (Replacement Well No. 55-202398 – SRP)

I have reviewed the referenced application and it conforms to AMA policies and statutory requirements and with this memorandum recommend issuance of the permit.

3/8/4

**From:** Carol Norton  
**To:** WRDts  
**Date:** 3/8/04 9:56AM  
**Subject:** 55-202398 SRP NOI to Replace

The Hydrology Division, Water Resources Section, is in receipt of the above referenced Notice of Intention to Replace a Well. The well being replaced is 55-607713. The diagram of the proposed replacement well meets the Minimum Construction Standards, will be within 660 feet of the original well and will not exceed historic pumpage. The Hydrology Division, Water Resources Section, supports issuance of this drill card.

**CC:** Modesto, Karen; WRjsm; Zachreson, Tana

**ARIZONA DEPARTMENT OF WATER RESOURCES**

Hydrology WQARF Unit  
500 North Third Street, Phoenix, Arizona 85004  
Telephone 602 417-2448  
Fax 602 417-2425



**JANET NAPOLITANO**  
Governor

**HERB GUENTHER**  
Director

March 17, 2004

SRP  
Attn: Walker Milici  
P.O. Box 52025  
Phoenix, AZ 85172-2025

COPY

**Re: Notice of Intent to Drill a Non-Exempt Well**  
**Well Registry #55-202398 (SRP 18.5E-7.5N)**  
**T2N, R4E, Section 30 ACC**

Dear Mr. Milici,

The Department of Water Resources recently approved a Notice of Intent to drill a non-exempt well registered as 55-202398. This well is to be located adjacent to an area of contaminated groundwater known as the East Central Phoenix Water Quality Assurance Revolving Fund (WQARF) remedial site. Please be aware that groundwater produced from the proposed well may not meet applicable federal, state, county or local water quality standards.

According to Arizona Administrative Code R12-15-851, you are required to notify the Department at least two (2) business days in advance of commencement of well drilling activities for the above referenced well(s). You may submit this required notice to the Department by either letter or facsimile, and the Department must receive it at least two (2) business days prior to drilling. If notice is sent via facsimile, please mail the original document to the Department.

Mailing Address:  
Arizona Department of Water Resources  
Hydrology/WQARF  
500 N. 3<sup>rd</sup> Street  
Phoenix, AZ 85004

Facsimile Number:  
(602) 417-2425

If you have any questions, please contact the Hydrology Division at 602-417-2448 or me at extension 7273.

Sincerely,

Andrew Scott  
Hydrology/WQARF Unit

**ARIZONA DEPARTMENT OF WATER RESOURCES  
WATER MANAGEMENT DIVISION**

500 North Third Street, Phoenix, Arizona 85004  
Telephone 602 417-2470  
Fax 602 417-2422



**JANET NAPOLITANO**  
Governor

**HERB GUENTHER**  
Director

March 15, 2004

Walker Milici, Geohydrologist  
Salt River Project  
P.O. Box 52025 – 16ST52  
Phoenix, Arizona 85072-2025

RE: Notice of Intention to Replace an Existing Non-Exempt Well  
Registration No. 55-202398; File No. A (2-4) 30 ACC

Dear Mr. Milici:

The Notice of Intention to Replace an Existing Non-Exempt Well in the Same Location within an Active Management Area for Salt River Project has been approved. A copy of the Notice is enclosed for your records. The on-site inspection has been completed and the drill card for the proposed well has been delivered to the driller you selected.

In the event that the location of the proposed well changes, you must notify the Department of Water Resources of the change in writing. A drill card with the correct proposed well location must be in possession of the driller before drilling may commence. If the proposed new well is to be more than 660 feet from the well that it is replacing, then you may be required to obtain a well permit.

Within 30 days of completion of the well, the well driller is required to furnish this Department with a complete and accurate log of the well. In addition, the well owner is required to submit the enclosed Completion Report within 30 days of installation of pump equipment.

Pursuant to the provisions of A.R.S. § 45-604, any person withdrawing groundwater from a well is required to use a water measuring device to record rates of withdrawal in order to provide or allow the computation of an annual volume of pumpage from the well. The total volume of pumpage from the well which is being replaced and the completed new well shall be reported on your Annual Water Withdrawal and Use Report for calendar year 2004.

The Department has issued the authorization to drill this well pursuant to A.R.S. 45-597 of the Groundwater Code. The legal nature of the water withdrawn from the well may be the subject of court action in the future as part of a determination of surface water rights in your area. If there are court proceedings that could affect your well, you will be notified and be given the opportunity to participate.

Salt River Project  
March 15, 2004  
Page two

Please be aware that the withdrawals of the proposed well cannot exceed the historic pumpage of the original well you wish to replace. The historic pumpage of the original well is 1050 acre-feet per year. In addition, if the original well will be used in conjunction with the proposed replacement well, the withdrawals from both wells cannot exceed the historic pumpage of the original well.

If the historic pumpage is exceeded in any calendar year, the well will no longer qualify as a replacement well in the same location, and will instead fall into the category of "new well." This means that you will not be able to pump the well again until you first submit a well impact analysis and obtain a determination from the Department that the well will not cause unreasonably increasing damage to other land and water users.

Hydrology/WQARF strongly recommends that, given the history of contamination at the well site and in the area, the well be completed entirely within the Upper Alluvial Aquifer and that if the bedrock is encountered during drilling, the borehole should be backfilled with neat cement or bentonite grout to a depth that is at least 5 feet above the top of the bedrock.

Under A.R.S. § 45-593, the person to whom a well is registered must notify this Department of any changes in ownership, status or physical characteristics to keep the Well Registry records current and accurate. For such future use, a Request to Change Well Information form is also enclosed.

If you have any questions, please contact Scott Miller at 602-417-2465.

Sincerely,



Darlene Sumpter-King  
Water Resource Specialist

Enclosure

cc: Layne Christensen Company  
Scott Miller, Phoenix Active Management Area

**Drilling Authorities**

Registry ID	License #	Issue Date	Expiration Date
55-11128	7	03/15/2004	03/01/2005

Comments

**Driller Licenses**

Company	Qualifying Party	<input type="checkbox"/> Active License
LAYNE CHRISTENSEN COMPANY	SEE COMMENTS	<input checked="" type="checkbox"/>

Address1

12010 EAST RIGGS ROAD

Address2

City

CHANDLER

State

AZ

Zip Code

85249-37

Phone

480-895-9404

ROC Licenses

CS3 & A-4

Comments

EDN SAVADE	1999-2003	ACTIVE
LARRY G HALL	1999-2003	ACTIVE
WALTERS	2000-2000	ACTIVE

ARIZONA DEPARTMENT OF WATER RESOURCES  
WATER MANAGEMENT DIVISION  
500 North Third Street  
Phoenix, Arizona 85004

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILL OPERATIONS

WELL REGISTRATION NO: 55-202398

REPLACES: 55-607713

AUTHORIZED DRILLER: LAYNE CHRISTENSEN COMPANY

LICENSE NO: 7

A NOTICE OF INTENTION TO REPLACE AN EXISTING NON-EXEMPT WELL INSIDE THE PHOENIX ACTIVE MANAGEMENT AREA HAS BEEN GRANTED TO:

WELL OWNER: Salt River Project

P.O. Box 52025

Phoenix, AZ 85072

The well(s) is/are to be located in the:

SW $\frac{1}{4}$  of the SW $\frac{1}{4}$  of the NE $\frac{1}{4}$  Section 30 Township 2 North Range 4 East

No. of well(s) in this project: 1

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE 1ST DAY OF MARCH, 2005.



WATER MANAGEMENT DIVISION

THE DRILLER MUST FILE A LOG OF THE WELL  
WITHIN 30 DAYS OF COMPLETION OF DRILLING



## WELL AND WITHDRAWAL PERMIT CHECK DEPOSIT REQUEST

Submitted by: Darlene Sumpter-King

Date: March 2, 2004

Applicant: Salt River Project

Check submitted by: same as applicant

Application No. 55-202398 (replaces 55-607713)

Code	Type of Fee:	Amount:	Check No.
55	Application for Well Permit		
55	Well Permit Fee		
59	Application for Permit to Withdraw		
59	Withdrawal Permit Fee		
59	Conveyance of Groundwater Withdrawal Application and/or Permit		
Gen Fund	Legal Noticing Fees		
55	Notice of Intent for Non-Exempt Wells	\$150.00	157174



PO BOX 52025  
PHOENIX, AZ  
85072-2025  
(602) 236-5900

BANK ONE, ARIZONA, NA  
COMMERCIAL BANKING  
PHOENIX, ARIZONA

LIMIT \$500    157174    91-2 1221

PURPOSE Drill Permit

**IMPORTANT:**  
IF PURCHASE IS FOR  
MATERIALS OUT OF  
STATE, CHECK BOX

ORIGINATING COST CENTER	CHARGE NUMBER	DTOC	RELATED NUMBER	CROSS-CHARGE RESPONSIBLE CC	AMOUNT
91321	RCI-03002-701	410			150.00
TOTAL AMOUNT					150.00

DATE 3 2 04

VOID AFTER 60 DAYS FROM ISSUE OR  
12/31/2006 WHICHEVER COMES FIRST  
**NOT VALID FOR MORE THAN \$500.00**

EMPLOYEE NUMBER  
07510

PAY TO THE ORDER OF Arizona Department of Water Resources    \$ 150.00

EMPLOYEE NUMBER  
13223

THE AMOUNT OF one hundred fifty & 00/100 DOLLARS

EXPENSE AUTHORIZED BY [Redacted]

[Redacted Signature Line]



ARIZONA DEPARTMENT OF WATER RESOURCES  
Groundwater Management Support Section  
500 N. 3rd. Street, Phoenix, Arizona 85004-3903  
Telephone (602) 417-2470  
Fax (602) 417-2422



FIFE SYMINGTON  
Governor

RITA P. PEARSON  
Director

December 8, 1995

Flood Control District of Maricopa County  
Attention: Mr. Bill Knight  
2801 West Durango  
Phoenix, Arizona 85009

RE: Temporary Dewatering Permit Application Number 59-547438

Dear Permittee:

Your permit as referenced above is enclosed for your records.

Pursuant to the provisions of A.R.S. § 45-604, any person withdrawing groundwater from a well or other means of withdrawal is required to use a water measuring device to record rates of withdrawal in order to provide or allow the computation of an annual volume of pumpage. The total volume of pumpage shall be reported on an annual report. The annual report shall be submitted no later than March 31 following the end of each completed annual reporting period. The first annual reporting period shall be from the date of this permit through December 31, 1995.

If you have any questions or require any corrections to your permit, please call the Groundwater Management Support Section at (602) 417-2470.

Sincerely,

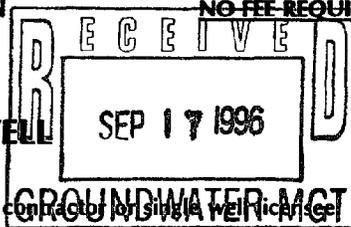
A handwritten signature in cursive script that reads "Toni M. Bergeman".

Toni M. Bergeman  
Water Resource Technician

**STATE OF ARIZONA  
DEPARTMENT OF WATER RESOURCES  
GROUNDWATER MANAGEMENT SUPPORT SECTION  
500 North Third Street-Phoenix, Arizona 85004-3903  
(602) 417-2470 Fax (602) 417-2422**

**NO FEE REQUIRED**

**NO FEE REQUIRED**



**NOTICE OF INTENT TO ABANDON A WELL**

A.R.S. §45-594, R12-15-816: Well abandonment shall be performed only by a licensed well drilling contractor or state well driller. The owner of a well shall file a Notice of Intent to Abandon the well prior to abandonment.

- |   |  |   |
|---|--|---|
| <p>1. Well Location:<br/><u>2N</u> <u>4E</u> <u>30</u><br/>Township Range Section<br/><u>SW</u> <u>NW</u> <u>SE</u><br/>10 Acre 40 Acre 160 Acre</p>        | <p>2. Position Location of the Well on the Land:<br/>Latitude _____ ' _____"<br/>Longitude _____ ' _____"</p>  | <p>3. County: <u>MARICOPA</u><br/>County Assessor's ID:<br/><u>127</u> <u>07</u> <u>026</u><br/>Book Map Parcel</p>   |
| <p>4. Well Registration Number:<br/>55- <u>NOT REGISTERED</u><br/><u>807366</u></p>   | <p>5. Well Owner:<br/><u>ROBERT F Johns</u><br/>Name <u>1343</u><br/><u>1343 SWAYFARER</u><br/>Current Mailing Address<br/><u>MESA AZ 85204</u><br/>City State Zip<br/><u>602-507-6610</u><br/>Telephone</p> | <p>6. Owner of the Land:<br/><u>Robert F Johns</u><br/>Name<br/><u>1343 SWAYFARER</u><br/>Current Mailing Address<br/><u>MESA AZ 85204</u><br/>City State Zip<br/><u>602-507-6610</u><br/>Telephone</p> |
| <p>7. Type of Well being Abandoned:<br/>(Examples: Exempt, Non-exempt, Monitor Geotechnical, Mineral Exploration, etc.)<br/>Please state: <u>EXEMPT</u></p> |  |   |

<b>FOR DEPARTMENT USE ONLY</b>	
File No. <u>A(24)30DBC</u>	
Filed <u>9-17-96</u> By <u>eac</u>	
Input <u>ENTERED SEPT 23 1996</u>	
<b>DUPLICATE</b>	
Mailed <u>9-19-96</u> By <u>eac</u>	
Registration No: 55- <u>807366</u>	
AMA/INA <u>Phoenix</u>	
W/S <u>07</u> S/B <u>04</u>	

**DESCRIPTION OF WELL TO BE ABANDONED:**

- |  |
|--|
| 8. Well Diameter <u>4</u> inches                                       |
| 9. Well Depth <u>63</u> feet   |
| 10. Type of Casing <u>PVC</u>  |
| 11. Abandonment will begin: Month <u>SEPT</u> Year <u>96</u>           |
| 12. Reason for abandonment: <u>NO LONGER NEEDED</u>                    |
| 13. Materials and methods to be used to abandon the well: <u>GROUT</u> |

14. To your knowledge, is there any information that exists which indicates that the water in this well may be or is contaminated? Yes  No . If yes, explain on an attached sheet. 9/17/96 mlk
15. Licensed Driller performing abandonment: Firm Name: Robert F Johns License No. SWL 785  
Address 1343 SWAYFARER City MESA State AZ Zip 85204

**GENERAL INSTRUCTIONS**

- This form is to be used to obtain authority to abandon a well.
- If this well has just been discovered pursuant to A.R.S. §45-593.D., and has not been registered, this form will serve to register the well when properly abandoned and reported.
- Fill out this form in DUPLICATE and send to 500 North 3rd Street, Phoenix, Arizona 85004.
- Construction standards for abandonment shall be in accordance with Department Rules and Regulations.

I state that this Notice is filed in compliance with A.R.S. §45-594 and A.A.C. R12-15-816 and is complete and correct to the best of my knowledge and belief.

Signature of Well Owner: Robert F Johns Date 9-17-97

ARIZONA DEPARTMENT OF WATER RESOURCES  
500 North 3rd Street  
Phoenix, Arizona 85004

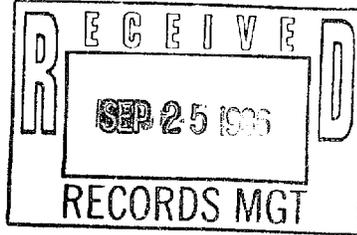
Original

WELL ABANDONMENT COMPLETION REPORT

A.R.S. §45-594:R12-15-816: Within 30 days after a well is abandoned, the well drilling contractor shall file a well Abandonment Completion Report on a form prescribed and furnished by the Director.

1. Drilling firm:

ROBERT F. JOHNS  
1343 SWAYFARER  
MESA, AZ 85204



License No. SWL 785

2. Well Registration No. 55- 807366 A(2-4)30 OBC

3. Well Location: Township 2 NORTH Range 4 EAST Section 30  $\frac{1}{4}$  SW  $\frac{1}{4}$  NW  $\frac{1}{4}$  SE

4. Owner of the Land:

Name: Robert F Johns MAIL Address  
4429E FLOWER Phx AZ 1343 S WAYFARER 85204  
ADDRESS 85018 CITY/STATE ZIP

5. Well Description: 63 4 PVC  
Hole Depth Diameter Type of Casing

6. Reason for abandonment: WELL WAS NO LONGER WANTED ON PROPERTY

7. Prior to abandonment, did the well have 20' of steel surface casing AND 20' of grout in the annular space surrounding the surface casing? Yes  No

8. If the answer to No. 6 is no, was the top 20' of casing removed prior to setting the cement plug? Yes  No

9. Identify the materials and methods used to abandon the well: 58' OF PVC WAS PULLED FROM WELL. THERE WAS NO STEEL CASING USE IN WELL CONSTRUCTION. THE COMPLETE BOREHOLE WAS FILLED WITH GROUT TO 18" FROM GROUND SURFACE

10. Is this Abandonment Completion Report filed in accordance with R12-15-816,F.?: Yes  No

11. How deep does the cement plug extend below land surface? No Plug USED. GROUT FROM 18" BELOW LAND

12. Was the well backfilled above the cement plug? Yes  No  SURFACE TO 63' deep

13. Date abandonment completed: Sept 24 - 1996

DATE 9.24.96 SIGNATURE OF WELL DRILLER Robert F Johns

DWR 55-58-11/94 (REV)

CANCELLED

ENTERED SEP 26 1996

# ARIZONA DEPARTMENT OF WATER RESOURCES

500 North Third Street, Phoenix, Arizona 85004  
Telephone (602) 417-2470  
Fax (602) 417-2422



FIFE SYMINGTON  
Governor

RITA P. PEARSON  
Director

September 18, 1996

ROBERT F. JOHNS  
1343 SWAYFARER  
MESA, AZ 85204

Registration No. 55-807366  
File No. A(2-4)30 DBC

Dear Applicant:

Enclosed is a copy of the Notice of Intent (NOI) to Abandon a Well. This NOI, which was recently filed with this Department is being returned to you as evidence of your compliance with ARS §45-594; R12-15-816. The enclosed Well Owners Notification of Abandonment is to be submitted when the well has been properly abandoned. The Well Abandonment Card and Abandonment Completion Report forms have been sent to your driller. He may not begin abandonment until he has received the Well Abandonment Card. If you change drillers, you must supply this Department with the new driller's identity. Well abandonments shall be performed only by a licensed well drilling contractor or single well licensee.

ARS §45-594; R12-15-816(K) requires the registered well owner to submit a Well Owners Notification of Abandonment form within thirty (30) days after the abandonment of the well. It also requires the driller to furnish this Department a complete and accurate Well Abandonment Report within thirty (30) days after completion of abandonment. You should insist, and ensure, that both of these are done.

Sincerely,

Elizabeth Choukalas  
Water Resource Technician  
Groundwater Management Support Section

ec  
Enclosures

ARIZONA DEPARTMENT OF WATER RESOURCES  
GROUNDWATER MANAGEMENT SUPPORT SECTION  
500 North Third Street  
Phoenix, Arizona 85004-3903

**ABANDON**

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILL OPERATIONS

WELL REGISTRATION NO: 55-807366

AUTHORIZED DRILLER: ROBERT F. JOHNS

LICENSE NO: SWL 785

NOTICE OF INTENTION TO ABANDON AN EXEMPT WELL HAS BEEN FILED WITH THE DEPARTMENT BY:

WELL OWNER: ROBERT F. JOHNS

The well(s) is/are to be located in the:

SW 1/4 of the NW 1/4 of the SE 1/4 Section 30 Township 2 NORTH Range 4 EAST

No. of wells in this project: 1

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE 16TH DAY OF SEPTEMBER, 1997.

  
\_\_\_\_\_  
CHIEF, GROUNDWATER MANAGEMENT SUPPORT

THE DRILLER MUST FILE A WELL ABANDONMENT COMPLETION  
REPORT WITHIN 30 DAYS OF COMPLETION OF DRILLING



WELL DRILLER REPORT

This report should be prepared by the driller in all detail and filed with the Department within 30 days following completion of the well.

1. Owner DEAN D. PETERSON  
Name  
4215 E WHITTON PHOENIX ARIZONA 85018  
Address

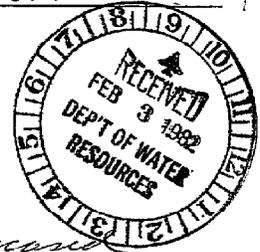
2. Lessee or Operator \_\_\_\_\_  
Name  
Address

3. Driller DEAN D. PETERSON  
Name  
4215 E WHITTON PHOENIX AZ 85018  
Address

4. Location of well: 4215 E WHITTON

5. Permit No. \_\_\_\_\_  
(if issued)

DESCRIPTION OF WELL



6. Total depth of hole 85 ft.

7. Type of Casing 4" PLASTIC PIPE (25') - Balance Lucas

8. Diameter and length of casing 4 in. from 0 to 25, \_\_\_\_\_ in from to \_\_\_\_\_.

9. Method of sealing at reduction points \_\_\_\_\_

10. Perforated from 0 to \_\_\_\_\_, from \_\_\_\_\_ to \_\_\_\_\_, from \_\_\_\_\_ to \_\_\_\_\_

11. Size of cuts \_\_\_\_\_ Number of cuts per foot \_\_\_\_\_

12. If screen was installed: Length \_\_\_\_\_ ft. Diam \_\_\_\_\_ in. Type \_\_\_\_\_

13. Method of construction drilled  
drilled, dug, driven, bored, jetted, etc.

14. Date started SEPT 15 1981  
Month day year

15. Date completed OCT 10 1981  
Month day year

16. Depth to water 19 ft. (If flowing well, so state.)

17. Describe point from which depth measurements were made, and give sea-level elevation if available. FROM CONCRETE PUMP BASE

18. If flowing well, state method of flow regulation \_\_\_\_\_

19. REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DO NOT WRITE IN THIS SPACE  
OFFICE RECORD  
Registration No. 55.501994  
Received \_\_\_\_\_ By \_\_\_\_\_  
Entered 2-3-82 By h  
File No. A(2.4)306a

(Well log to appear on Reverse side)

MICROFILMED

Date 1/18/82 Showing Casper 82218

Address 4215 E. Winton

Name Driller: *Dean S. Peterson*

I hereby certify that this well was drilled by me (or under my supervision), and that each and all of the statements herein contained are true to the best of my knowledge and belief.



FROM (FEET)	TO (FEET)	DESCRIPTION OF FORMATION MATERIAL
0	4	Topsoil
4	8	Caliche
8	19	Clay
19	21	Sand (fine)
21	30	Clay
30	31	Sand (fine)
31	39	Clay
39	40	Sand (fine)
40	65	Clay
65	67	Sandy clay
67	75	Clay & caliche
75	78	Caliche with rock (very hard + fine)
78	85	Clay

Indicate depth at which water was first encountered, and the depth and thickness of water bearing beds. If water is artesian, indicate depth at which water was first encountered, and depth to which it rose in well.

LOG OF WELL

DEPARTMENT OF WATER RESOURCES  
99 East Virginia  
Phoenix, Arizona 85004

Registration No. 55-501994  
Owner of  
Well Site Dean Peterson  
File No. A(2.4)30 bear

COMPLETION REPORT

1. Completion Report to be filed with the Department within 30 days after installation of pump equipment.
2. The tested pumping capacity of the well in gallons per minute for a non-flowing well should be determined by measuring the discharge of the pump after continuous operation for at least 4 hours and for a flowing well by measuring the natural flow at the land surface.
3. Drawdown of the water level for a non-flowing well should be measured in feet after not less than 4 hours of continuous operation and while still in operation and for a flowing well the shut-in pressure should be measured in feet above the land or in pounds per square inch at the land surface.
4. The static groundwater level should be measured in feet from the land surface immediately prior to the well capacity test.

LOCATION OF THE WELL

4215 E WHITTON

Date Well Completed OCT 1981 Depth of Well 85'



1. Well Test:  
Test Pumping Capacity 10 to 12 Date Well Tested NOV 1981  
(Gal. per min.)

Method of Discharge Measurement Stop watch & 5 gal. can  
(weir, orifice, current meter, etc.)

Static Groundwater Level 19 ft. Drawdown approx 11 ft.  
Total Pumping Lift approx 30 ft. Drawdown \_\_\_\_\_ lbs.  
(Flowing Well)

2. Equipment Installed:

Kind of Pump CONVERTIBLE Jet Pump Teek Model 3P648  
(turbine, centrifugal, etc.)

Kind of Power ELECT H.P. Rating of Motor 1/2 HP  
(Elec., Nat. Gas, Etc.)

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

Dean D Peterson  
Signature

4215 E Whitton  
Address

Phoenix Arizona 85018  
City State Zip

1/18, 1982  
Date

MICROFILMED

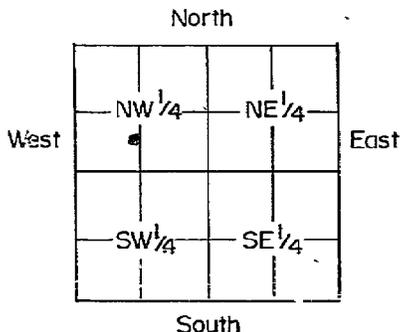
2-3-82 HP

EXEMPT WELL  
FILING FEE: \$3.00

DEPARTMENT OF WATER RESOURCES  
NOTICE OF INTENTION TO DRILL OR DEEPEN  
AN EXEMPT WELL

EXEMPT WELL

Section 45-596, Arizona Revised Statutes, provides: A person may not drill or cause to be drilled any well or deepen or replace an existing well without first filing a Notice of Intention to Drill with the Department on a form prescribed and furnished by the Department. The well shall be completed within one year after the date of Notice. An exempt well means a well having a pump with a maximum design capacity of not more than 35 gallons per minute which is used to withdraw groundwater. An exempt well may include the non-commercial irrigation of not more than 1 acre of land.



- Indicate Well Location by X  
(Above diagram represents one  
640 acre section)

WELL/LAND LOCATION:

- 1. Township 2 N
- 2. Range 4 E
- 3. Section 30
- 4. NE 1/4 SW 1/4 NW 1/4  
10 acre sub-division
- 5. County MARICOPA

6. Owner of Well:

DEAN D PETERSON  
Name  
4215 E WHITTON  
Address  
PHOENIX ARIZONA 85018  
City State Zip

7. Owner of Land:

DEAN D. PETERSON  
Name  
4215 E WHITTON  
Address  
PHOENIX ARIZONA 85018  
City State Zip

DESCRIPTION OF WELL:

- 8. Diameter 4"  
Depth 65'
- 9. Type of Casing  
Class 40 Plastic
- 10. Principal use of Water.  
irrigating yard
- 11. Other uses Intended  
8,000 sq ft  
(If for non-commercial irrigation, state approximate area being cultivated.)
- 12. Construction will start about:  
Month \_\_\_\_\_ Year 07

PLACE OF USE:

- 13. Township 2 N
- 14. Range 4 E
- 15. Section 30
- 16. Legal description of land water is to be used on:  
4215 E WHITTON

17. Design Pump Capacity

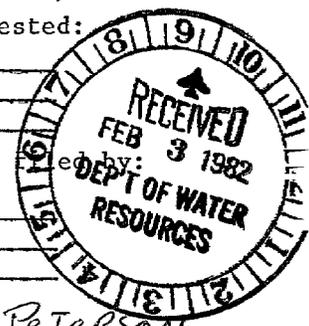
10 GPM

18. Action Requested:

- Drill
- Deepen
- Replace

19. This notice is filed by:

- Owner
- Lessee
- Driller



DEAN D PETERSON  
Name  
4215 E WHITTON  
Address  
PHOENIX ARIZONA 85018  
City State Zip

20. Drillers name:

SAME  
Name  
Address  
City State Zip

Department License Number

DO NOT WRITE IN THIS SPACE  
OFFICE RECORD  
FILE NO. AC2-4730bca  
FILED 2-3-82 BY ML  
INPUT 2-3-82 BY ML  
DUPLICATE MAILED \_\_\_\_\_ BY \_\_\_\_\_  
REGISTRATION NO 55-501994  
NON EXPANSION AREA Phoenix

- 1. Fill out this form in duplicate and mail to P.O. Box 2600, Phoenix, Arizona, 85002, or deliver to 99 East Virginia, Suite 100, Phoenix, Arizona 85004.
- 2. If the Exempt Well is in fact a replacement (or deepening) well, state the registration number of the existing well.
- 3. Construction standards for new and replacement wells and the deepening and abandonment of existing wells, shall be in accordance with Department Rules and Regulations.

I, Dean D Peterson, state that the construction will be under the direct and personal supervision of the well driller designated on this form and that the designated driller holds a contractors license pursuant to ARS 40-555

1/18/82  
Date

Dean D Peterson  
Signature of Person Filing

MICROFILMED

Dean D. Peterson  
 4215 East Whitton  
 Phoenix, Arizona 85018

STATE OF ARIZONA  
 DEPARTMENT OF WATER RESOURCES  
 WATER RIGHTS ADMINISTRATION  
 99 EAST VIRGINIA  
 PHOENIX, ARIZONA 85004

4

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55	501994
	THRU

FUND SOURCE	ACCOUNT NO.			INT. ACCT	ITEM DESCRIPTION	RATE	\$ AMOUNT
	AGENCY	CHAPTER	DIV.				
					Filing Fee for Notice of Intention To		3.00
					Drill an Exempt Well		
					Water Rights (GW)		
					File No: A(2-4)30 bea		
					Registration No: 55-501994		
					Check # 7160		

MICROFILMED

WAITER PAYMENT  
 GUESTS 1  
 CHK NO 7160  
 55-1 3.00  
 TAX 0.00  
 TOTL 3.00  
 GEN.CHEK 3.00

2/3/82

# 4232 R 13:02

TOTAL

\$ 3.00

HW

Arizona Department of Water Resources  
Operations Division  
500 N. 3rd St.  
Phoenix, AZ 85004-3903

DWR AR22 - Nov 84  
Date Received: \_\_\_\_\_  
Received By : \_\_\_\_\_  
AMA : \_\_\_\_\_  
Date Routed to AMA: \_\_\_\_\_

MEASURING DEVICE MALFUNCTION REPORT FORM  
PART1 - NOTIFICATION

INSTRUCTIONS

A.C.R.R. R12-15-905 Requires that a report must be made in writing to Department of Water Resources within (7) seven calendar days of Discovering that a water measuring device has malfunctioned, if the malfunction lasts 72 hours or longer.

Well Owner/Operator: SALT RIVER PROJECT

Address: P.O. Box 52025 Phoenix, AZ 85072-2025

Telephone Number: (602) 236-2612

Well Registration Number: 55607712

SRP Coordinate Location: 18.5E-07.0N

SRP Pump Number: 114

Measuring Device Type: Flow Meter

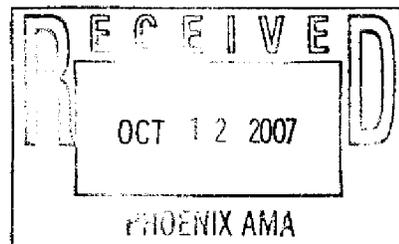
Malfunctioned on: 7/28/07

For the reason that: Upgrade to mag meter

Should be back in service: 7/28/07

Signed: *Jayce Conley*

Date: 7-30-07



DEPARTMENT OF WATER RESOURCES  
99 EAST VIRGINIA AVENUE  
PHOENIX, ARIZONA 85004

REGISTRATION OF EXISTING WELLS

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING  
PRINT OR TYPE - FILE IN DUPLICATE

REGISTRATION FEE (CHECK ONE)	
EXEMPT WELL (NO CHARGE)	<input type="checkbox"/>
NON-EXEMPT WELL - \$10.00	<input checked="" type="checkbox"/>

07

ARIZONA DEPT. OF WATER RESOURCES	
FOR OFFICE USE ONLY	
REGISTRATION NO. 55-	607712
FILE NO.	A(2-4)30 cdd
FILED	15 5-18-82 AT 10:15a
(DATE)	(TIME)
INA	Phoenix
(AMA)	

- Name of Registrant:  
Salt River Project Agricultural Improvement and Power District  
P. O. Box 1980 Phoenix Arizona 85001  
(Address) (City) (State) (Zip)
- File and/or Control Number under previous groundwater law:  
A02004030DCCGS1 35- None  
(File Number) should be A02004030CDD (Control Number)
- a. The well is located within the SE  $\frac{1}{4}$  SE  $\frac{1}{4}$  SW  $\frac{1}{4}$ , Section 30,  
of Township 2N N/S, Range 4E E/W, G & SRB & M, in the  
County of Maricopa.  
b. If in a subdivision: Name of subdivision \_\_\_\_\_  
Lot No. \_\_\_\_\_, Address \_\_\_\_\_
- The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)  
Irrigation and non-irrigation uses by SRP
- If for irrigation use, number of acres irrigated from well SRP member lands
- Owner of land on which well is located. If same as Item 1, check this box   
\_\_\_\_\_  
(Address) (City) (State) (Zip)
- Well data (If data not available, write N/A)  
a. Depth of Well 172 feet  
b. Diameter of casing 12 inches  
c. Depth of casing 172 feet  
d. Type of casing 10 ga stovepipe with mills knife perforations  
e. Maximum pump capacity 880 gallons per minute.  
f. Depth to water 17 static (Jan. 1982) feet below land surface.  
g. Date well completed September 20 1923  
(Month) (Day) (Year)
- The place(s) of use of water. If same as Item 3, check this box   
SRP member lands through distribution system  
Attach additional sheet if necessary.
- DATE MAY 17 1982 SIGNATURE OF REGISTRANT Carl S. Park

## INSTRUCTIONS FOR COMPLETING REGISTRATION FORM

### General Instructions

1. A person who owns an "Existing Well" shall register the well, pursuant to A.R.S. 45-593, by filing this form **in duplicate** with the Department of Water Resources not later than midnight June 14, 1982. The form must be completed and signed. Failure to do so will constitute a violation of A.R.S. 45-593, and may subject the well owner to injunction and/or civil penalties, pursuant to A.R.S. Title 45, Article 12.
2. An "Existing Well" means, (1) a well which was drilled on or before June 12, 1980 and which is not abandoned or sealed, or (2) a well which was not completed on or before June 12, 1980, but for which a Notice of Intention to Drill was on file with the Arizona Water Commission on or before June 12, 1980.
3. No registration fee is required for Exempt Wells. A \$10.00 registration fee must accompany registration forms for all Non-Exempt Wells.
4. An "Exempt Well" means a well having a pump with a maximum capacity of not more than 35 gallons per minute which is used to withdraw groundwater. An Exempt Well may include the non-commercial irrigation of not more than 1 acre of land.
5. A "Non-Exempt Well" means a well that is not an "Exempt Well".

### INSTRUCTIONS FOR REGISTRATION QUESTIONS

1. The Registrant must be the owner of the well and may be an individual, public or private corporation, company, partnership, firm, association, society, estate, trust, any other private organization or enterprise, the United States, any state, territory or country or a governmental entity, political subdivision or municipal corporation organized under or subject to the constitution and laws of this State.
2. If you own an existing irrigation well drilled at any time, or any other type of well drilled on or after June 20, 1968, you should have an assigned control and/or file number. Write these numbers in item 2. If you do not know the number, please explain the reason on the form or on an attached sheet.
3.
  - a. Fill in the Section, Township and Range in all cases if it is available.
  - b. If the well is in a subdivision and you have this information, give the subdivision name, Lot Number, and Address.
4. Show all purposes for which the water is used.
5. If the well is used for irrigation, give the number of acres irrigated in 1980 from the well.
6. If the owner of the land is an individual, give the last name, first name, middle initial. If the owner of the land is a corporation, partnership, firm, etc., fill in the appropriate title.
7. Complete the section on Well Data with the most accurate information available to you. If the data is not available, write N/A in the blanks.
8. Give the legal description of the place of use of the water. If place of use is in a subdivision and legal description is not available, give the subdivision name, Lot Number and/or address on the blank line.
9. The person in whose name a well is registered shall notify the Department of any change in ownership and shall keep all information on the registration record current and accurate. A form entitled "Change of Well Information/Ownership" is available for this purpose. A blank form will be furnished with the returned duplicate copy of the registration form.

Salt River Project Agricultural Impr. &  
 Power District  
 P O Box 1980  
 Phoenix AZ 85001

STATE OF ARIZONA  
 DEPARTMENT OF WATER RESOURCES  
 WATER RIGHTS ADMINISTRATION  
 99 EAST VIRGINIA  
 PHOENIX, ARIZONA 85004

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55 -	607704
	THRU
55 -	607743

FUND SOURCE	ACCOUNT NO.			INT. ACCT.	ITEM DESCRIPTION	RATE	\$ AMOUNT
	AGENCY	CHAPTER	DIV.				
					Filing Fee for Registration of Existing Wells	10.00	400.00
					File # Various		
						WATER PAYMENT GUESTS 40 CHK NO 60934 40@ 10.00 55-I 400.00 TAX 0.00 <b>TOTL 400.00</b> GEN.CHEK 400.00	
					Paid Check #060934		

5-20-82

TOTAL

# 8224 R	12:16
\$	400.00

pb

DEPARTMENT OF WATER RESOURCES  
99 EAST VIRGINIA AVENUE  
PHOENIX, ARIZONA 85004

REGISTRATION OF EXISTING WELLS

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING  
PRINT OR TYPE - FILE IN DUPLICATE

07

REGISTRATION FEE (CHECK ONE)	
EXEMPT WELL (NO CHARGE)	<input type="checkbox"/>
NON-EXEMPT WELL - \$10.00	<input checked="" type="checkbox"/>

ARIZONA  
DEPT. OF  
WATER  
RESOURCES

FOR OFFICE USE ONLY	
REGISTRATION NO. 55-	<u>607716</u>
FILE NO.	<u>A(2-4)13 caa</u>
FILED	<u>5-18-82</u> AT <u>10:15a</u>
(DATE)	(TIME)
INA	<u>[Signature]</u>
(AMA)	

'82 MAY 18 AIO 15

- Name of Registrant:  
Salt River Project Agricultural Improvement and Power District  
P. O. Box 1980 Phoenix Arizona 85001  
(Address) (City) (State) (Zip)
- File and/or Control Number under previous groundwater law:  
A02004013CAAGS1 35 None  
(File Number) (Control Number)
- a. The well is located within the NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  SW  $\frac{1}{4}$ , Section 13,  
of Township 2N N/S, Range 4E E/W, G & SRB & M, in the  
County of Maricopa.  
b. If in a subdivision: Name of subdivision \_\_\_\_\_  
Lot No. \_\_\_\_\_, Address \_\_\_\_\_
- The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)  
Irrigation and non-irrigation uses by SRP
- If for irrigation use, number of acres irrigated from well SRP member lands
- Owner of land on which well is located. If same as Item 1, check this box   
\_\_\_\_\_  
(Address) (City) (State) (Zip)

- Well data (If data not available, write N/A)
  - Depth of Well 1020 feet
  - Diameter of casing 20" 0-742', 16" - 304' inches
  - Depth of casing 1020 feet
  - Type of casing 8 ga stovepipe with mills knife perforations
  - Maximum pump capacity 2020 gallons per minute.
  - Depth to water 344 static (Jan. 1982) feet below land surface.
  - Date well completed April 3 1952  
(Month) (Day) (Year)

- The place(s) of use of water. If same as Item 3, check this box .  
SRP member lands through distribution system

Attach additional sheet if necessary.

MAY 17 1982

9. DATE \_\_\_\_\_ SIGNATURE OF REGISTRANT [Signature]

SALT RIVER PROJECT AGRICULTURAL  
IMPROVEMENT AND POWER DISTRICT

## INSTRUCTIONS FOR COMPLETING REGISTRATION FORM

### General Instructions

1. A person who owns an "Existing Well" shall register the well, pursuant to A.R.S. 45-593, by filing this form in duplicate with the Department of Water Resources not later than midnight June 14, 1982. The form must be completed and signed. Failure to do so will constitute a violation of A.R.S. 45-593, and may subject the well owner to injunction and/or civil penalties, pursuant to A.R.S. Title 45, Article 12.
2. An "Existing Well" means, (1) a well which was drilled on or before June 12, 1980 and which is not abandoned or sealed, or (2) a well which was not completed on or before June 12, 1980, but for which a Notice of Intention to Drill was on file with the Arizona Water Commission on or before June 12, 1980.
3. No registration fee is required for Exempt Wells. A \$10.00 registration fee must accompany registration forms for all Non-Exempt Wells.
4. An "Exempt Well" means a well having a pump with a maximum capacity of not more than 35 gallons per minute which is used to withdraw groundwater. An Exempt Well may include the non-commercial irrigation of not more than 1 acre of land.
5. A "Non-Exempt Well" means a well that is not an "Exempt Well".

### INSTRUCTIONS FOR REGISTRATION QUESTIONS

1. The Registrant must be the owner of the well and may be an individual, public or private corporation, company, partnership, firm, association, society, estate, trust, any other private organization or enterprise, the United States, any state, territory or country or a governmental entity, political subdivision or municipal corporation organized under or subject to the constitution and laws of this State.
2. If you own an existing irrigation well drilled at any time, or any other type of well drilled on or after June 20, 1968, you should have an assigned control and/or file number. Write these numbers in item 2. If you do not know the number, please explain the reason on the form or on an attached sheet.
3. a. Fill in the Section, Township and Range in all cases if it is available.  
b. If the well is in a subdivision and you have this information, give the subdivision name, Lot Number, and Address.
4. Show all purposes for which the water is used.
5. If the well is used for irrigation, give the number of acres irrigated in 1980 from the well.
6. If the owner of the land is an individual, give the last name, first name, middle initial. If the owner of the land is a corporation, partnership, firm, etc., fill in the appropriate title.
7. Complete the section on Well Data with the most accurate information available to you. If the data is not available, write N/A in the blanks.
8. Give the legal description of the place of use of the water. If place of use is in a subdivision and legal description is not available, give the subdivision name, Lot Number and/or address on the blank line.
9. The person in whose name a well is registered shall notify the Department of any change in ownership and shall keep all information on the registration record current and accurate. A form entitled "Change of Well Information/Ownership" is available for this purpose. A blank form will be furnished with the returned duplicate copy of the registration form.

Salt River Project Agricultural Impr. &  
 Power District  
 P O Box 1980  
 Phoenix AZ 85001

STATE OF ARIZONA  
 DEPARTMENT OF WATER RESOURCES  
 WATER RIGHTS ADMINISTRATION  
 99 EAST VIRGINIA  
 PHOENIX, ARIZONA 85004

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55 -	607704
	THRU
55 -	607743

FUND SOURCE	ACCOUNT NO.			INT. ACCT.	ITEM DESCRIPTION	RATE	\$ AMOUNT
	AGENCY	CHAPTER	DIV.				
					Filing Fee for Registration of Existing Wells	10.00	400.00
					File # Various		WRITER PAYMENT GUESTS 40 CHK NO 60934 40@ 10.00 55-I 400.00 TAX 0.00 TOTL 400.00 GEN.CHEK 400.00
					Paid Check #060934		

5-20-82

TOTAL

# 8224 A	13116
\$	400.00

pb

DEPARTMENT OF WATER RESOURCES  
99 EAST VIRGINIA AVENUE  
PHOENIX, ARIZONA 85004

REGISTRATION OF EXISTING WELLS

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING  
PRINT OR TYPE - FILE IN DUPLICATE

REGISTRATION FEE (CHECK ONE)	
EXEMPT WELL (NO CHARGE)	<input type="checkbox"/>
NON-EXEMPT WELL - \$10.00	<input checked="" type="checkbox"/>

07

FOR OFFICE USE ONLY	
ARIZONA DEPT. OF WATER RESOURCES	REGISTRATION NO. 55- <u>607731</u>
	FILE NO. <u>A(2-3)25cbb</u>
<b>82 MAY 18</b>	<b>10:47</b> (DATE) AT <b>10:47</b> (TIME)
	Phoenix

1. Name of Registrant: Salt River Project Agricultural Improvement and Power District  
P. O. Box 1980 Phoenix Arizona 85001  
 (Address) (City) (State) (Zip)

2. File and/or Control Number under previous groundwater law:  
A02003025CBBGS2 35- None  
 (File Number) (Control Number)

3. a. The well is located within the NW 1/4 NW 1/4 SW 1/4, Section 25,  
 of Township 2N N/S, Range 3E E/W, G & SRB & M, in the  
 County of Maricopa.

b. If in a subdivision: Name of subdivision \_\_\_\_\_  
 Lot No. \_\_\_\_\_, Address \_\_\_\_\_

4. The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)  
Irrigation and non-irrigation uses by SRP

5. If for irrigation use, number of acres irrigated from well SRP member lands

6. Owner of land on which well is located. If same as Item 1, check this box   
 \_\_\_\_\_  
 (Address) (City) (State) (Zip)

7. Well data (If data not available, write N/A)  
 a. Depth of Well 400 feet  
 b. Diameter of casing 18 inches  
 c. Depth of casing 400 feet  
 d. Type of casing 5/16 wall steel pipe--pre-perforated  
 e. Maximum pump capacity 1196 gallons per minute.  
 f. Depth to water 53 static (Jan. 1982) feet below land surface.  
 g. Date well completed April 21 1962  
 (Month) (Day) (Year)

8. The place(s) of use of water. If same as Item 3, check this box   
 \_\_\_\_\_  
 \_\_\_\_\_  
SRP member lands through distribution system

Attach additional sheet if necessary.

9. DATE MAY 17 1982 SIGNATURE OF REGISTRANT Carl E. Farber

## INSTRUCTIONS FOR COMPLETING REGISTRATION FORM

### General Instructions

1. A person who owns an "Existing Well" shall register the well, pursuant to A.R.S. 45-593, by filing this form **in duplicate** with the Department of Water Resources not later than midnight June 14, 1982. The form must be completed and signed. Failure to do so will constitute a violation of A.R.S. 45-593, and may subject the well owner to injunction and/or civil penalties, pursuant to A.R.S. Title 45, Article 12.
2. An "Existing Well" means, (1) a well which was drilled on or before June 12, 1980 and which is not abandoned or sealed, or (2) a well which was not completed on or before June 12, 1980, but for which a Notice of Intention to Drill was on file with the Arizona Water Commission on or before June 12, 1980.
3. No registration fee is required for Exempt Wells. A \$10.00 registration fee must accompany registration forms for all Non-Exempt Wells.
4. An "Exempt Well" means a well having a pump with a maximum capacity of not more than 35 gallons per minute which is used to withdraw groundwater. An Exempt Well may include the non-commercial irrigation of not more than 1 acre of land.
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### INSTRUCTIONS FOR REGISTRATION QUESTIONS

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2. If you own an existing irrigation well drilled at any time, or any other type of well drilled on or after June 20, 1968, you should have an assigned control and/or file number. Write these numbers in item 2. If you do not know the number, please explain the reason on the form or on an attached sheet.
3.
  - a. Fill in the Section, Township and Range in all cases if it is available.
  - b. If the well is in a subdivision and you have this information, give the subdivision name, Lot Number, and Address.
4. Show all purposes for which the water is used.
5. If the well is used for irrigation, give the number of acres irrigated in 1980 from the well.
6. If the owner of the land is an individual, give the last name, first name, middle initial. If the owner of the land is a corporation, partnership, firm, etc., fill in the appropriate title.
7. Complete the section on Well Data with the most accurate information available to you. If the data is not available, write N/A in the blanks.
8. Give the legal description of the place of use of the water. If place of use is in a subdivision and legal description is not available, give the subdivision name, Lot Number and/or address on the blank line.
9. The person in whose name a well is registered shall notify the Department of any change in ownership and shall keep all information on the registration record current and accurate. A form entitled "Change of Well Information/Ownership" is available for this purpose. A blank form will be furnished with the returned duplicate copy of the registration form.

55-6077-31

17E-7 1/2 N

LAND DEPARTMENT  
WATER DIVISION  
STATE OF ARIZONA

REPORT OF WELL DRILLER

IMPORTANT!



Please complete & return.

This report should be prepared by the driller in all detail and filed with the State Land Commissioner following completion of the well.

- 1. OWNER..... SALT RIVER VALLEY WATER USERS' ASSOCIATION  
Name  
P. O. Box 1980, Phoenix, Arizona  
Address
- 2. Lessee or Operator.....  
Name  
Address
- 3. DRILLER..... Roscoe Moss Company  
Name  
4360 Worth Street, Los Angeles, Calif.  
Address
- 4. Location of well: Twp. 2N Rge. 3E Section 25 NW 1/4 NW 1/4 SW 1/4  
16-acre subdivision
- 5. Intention to Drill File No..... Permit No. S-666

DESCRIPTION OF WELL

- 6. Total depth of hole..... 400..... ft.
- 7. Type of casing..... Mild steel plate
- 8. Diameter and length of casing..... 28 in. from 0 to 72 1/2 in. from 0 to 400 in. from..... to.....
- 9. Method of sealing at reduction points.....
- 10. Perforated from 40 to 65/28" casing from 150 to 400/18" casing to..... from..... to.....
- 11. Size of cuts..... 1/4 x 2-1/2..... Number of cuts per foot..... 19 per 5"
- 12. If screen was installed: Length..... ft. Diam..... in. Type.....
- 13. Method of construction..... Drilled  
drilled, dug, driven, bored, jetted, etc.
- 14. Date started..... March 13, 1962  
Month Day Year
- 15. Date completed..... April 21, 1962  
Month Day Year
- 16. Depth of water..... 40..... ft.  
If flowing well, so state.
- 17. Describe point from which depth measurements were made, and give sea-level elevation if available.....  
Ground Surface.
- 18. If flowing well, state method of flow regulation.....

19. REMARKS:  
.....  
.....  
.....

DO NOT WRITE IN THIS SPACE	
OFFICE RECORD	
Received..... 5-25-62.....	by..... K
Filed..... 5-31-62.....	by..... K
File No. (A-2-3)25 cbb	

(Well Log to Appear on Reverse Side)



Application No. S-683 File No. (A-2-3)25 cbb Permit No. S-666

Filed March 20, 1962  
(Applicant must not fill in the above blanks)

This application shall be submitted to the State Land Department, Water Division, Phoenix, Arizona, in accordance with the provisions of Article 7, Chapter 1, Title 45, Arizona Revised Statutes, and the rules and regulations of the State Land Department.

Applications must be accompanied by fees made payable to the STATE LAND DEPARTMENT as follows:

Application Fee ---- \$ 3.00  
Permit Fee ----- \$ 5.00

*OK  
S-666  
Sept 1 1962*

APPLICATION FOR A PERMIT

- ( ) TO DRILL )
- ( ) TO DEEPEN ) AN IRRIGATION WELL IN A CRITICAL AREA
- (X) TO REPLACE ) WITHIN THE STATE OF ARIZONA

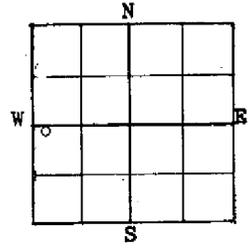
I, We, SALT RIVER VALLEY WATER USERS' ASSOCIATION  
(Owners Name)

of P. O. Box 1980, County of Maricopa  
(Post Office Address)  
State of Arizona, do hereby make application for a permit to

( ) Drill new well, ( ) Deepen or (X) Replace the following described well  
in the Salt River Valley Critical Area.

1. Location and description of proposed well:  
 Twp. 2N Rge. 3E Sec. 25; NW 1/4 NW 1/4 SW 1/4  
 (10 Ac. Subdiv.)  
 Depth 400 ft. Type of casing 5/16" Plate pipe  
 Proposed Withdrawal 2000  
 (Ac.ft. per year)  
 Name and Address of Driller:  
Roscoe Moss Co.  
Los Angeles, California

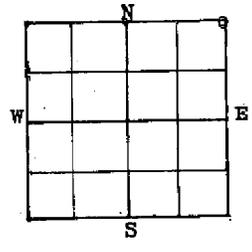
17E-7-1/2N Well #298  
Location of Proposed Well



2. Location and description of existing well:  
 Twp. 2N Rge. 3E Sec. 26; NE 1/4 NE 1/4 NE 1/4  
 (10 Ac. Subdiv.)  
 Depth 200 ft. Diameter 12 in.  
 Date drilled Oct., 1923  
 Driving Unit 20 HP electric motor H.P.  
 Rating of Motor \_\_\_\_\_  
 Discharge when Drilled 422 GPM  
 (g.p.m.)  
 Present Discharge 496 GPM  
 (g.p.m.)  
 Static Water Level 42.6 ft.  
 (below ground surface)  
 Depth of Pump Setting submersible installation @ 139'  
 Pumping Lift 104.7 ft.

(Indicate location of well)

Location of Existing Well



3. Reason new well required Supplement water supply.

4. Land to be irrigated: Lands within Association boundaries

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ Sec. \_\_\_\_\_

(Legal Subdivision Description)

(Acres)

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ Sec. \_\_\_\_\_

(Legal Subdivision Description)

(Acres)

5. Above described land is now irrigated as follows: Project Canals & wells

6. Record of cultivation and irrigation of land described herein:

All lands within Project under cultivation prior to 1948.

7. It is understood that the permit, if granted, will be in accordance with the Groundwater Code of 1948, and the Permittee will be bound by the provisions of such law, and the provisions of the permit issued herefor.

**CERTIFICATE**

8. I, We, SALT RIVER VALLEY WATER USERS' ASSOCIATION the applicant named in the above and foregoing application, do hereby certify under the penalty of perjury, that the information contained and statements therein made are, to the best of my knowledge and belief, true, correct, and complete.

DATED THIS March 15th day of March 1962

SALT RIVER VALLEY WATER USERS' ASSOCIATION  
(Owner or his authorized agent)

P. O. Box 1980, Phoenix, Arizona  
(Post Office address)

BY J. F. Griswold  
J. F. Griswold, Secretary



4673

Application No. S-683 File No. (A-2-3)25 chb Permit No. S-666

PERMIT

TO DRILL AN IRRIGATION WELL IN A CRITICAL AREA WITHIN THE STATE OF ARIZONA

SALT RIVER VALLEY WATER USERS' ASSOCIATION, PHOENIX, ARIZONA

STATE OF ARIZONA } ss.
County of MARICOPA }

This is to Certify that I have examined the above numbered application and do hereby approve the same and grant to the applicant a permit to DRILL the well described therein, subject to the following limitations and conditions:

- 1. Water shall be limited to use on lands described as follows:

Legal Subdivision Acres

LANDS WITHIN ASSOCIATION BOUNDARIES.

Total Acres

- ( ) 2. No right is granted by this permit for the irrigation of lands which on September 1, 1951, were not irrigated, or had not been cultivated within five years prior thereto.
(x) 3. The well for which permit is granted hereunder shall be completed and in operation within one year from the date hereof.
( ) 4. Other Limitations:

WITNESS my hand and seal of office this 22nd day of March, 1962

Acting Deputy STATE LAND COMMISSIONER

S E A L

# STATE LAND DEPARTMENT

OBED M. LASSEN  
STATE LAND COMMISSIONER  
PHONE 271-4621

STATE OF ARIZONA  
STATE OFFICE BUILDING  
PHOENIX 7, ARIZONA



March 22, 1962

SALT RIVER VALLEY WATER USERS' ASSOCIATION  
c/o J. F. Griswold, Secretary  
P. O. Box 1980  
Phoenix, Arizona

Re: File No. (A-2-3)25-obb  
Application No. S-683  
Permit No. S-666

Gentlemen:

Your application for a permit to drill a well in Twp. 2 North, Rge. 3 East, Section 25, NW 1/4 NW 1/4 SW 1/4 has been approved. Your permit is enclosed.

Also enclosed are a:

WELL DRILLING CARD, which should be in the hands of the driller before construction of the well is started;

REPORT OF WELL DRILLER form, which shall be filled in and sent to us within thirty days after completion of the well;

REPORT OF EQUIPMENT INSTALLED form, which shall be filled in and sent to us within thirty days after the installation of the pumping equipment.

In the event it is necessary to change the location of the proposed well you should obtain the written permission of the State Land Commissioner before proceeding with the drilling.

Very truly yours,

WATER DIVISION

By:  
Donald LeMaster

Enclosure: G-301  
G-304  
G-306  
cc: USGS, Tucson

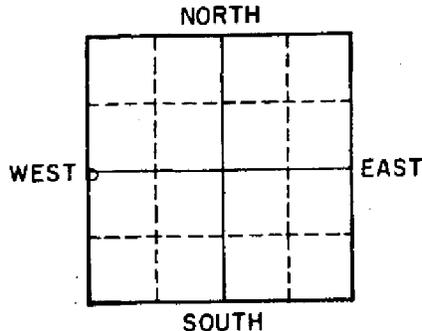
Important

STATE LAND DEPARTMENT Please complete & return.  
Water Division  
Phoenix 7, Arizona

17E-7 1/2 N #198

Location of Well

File No. (A-2-3)25 cbb



(Indicate Well Location by a circle "o" in the above Section Plat)

REPORT OF EQUIPMENT INSTALLED

OWNER Salt River Valley Water Users' Association

LOCATION OF WELL:

NW 1/4 NW 1/4 SW 1/4, Sec. 25 Twp. 2N Rge. 3E

Date Well Completed: April, 1962 Depth 400

1. Well Test:

Discharge: 1196 Date Well Tested: 8/1/62  
(Gal. Per Min.)

Method of Discharge Measurement: Pitot  
(weir, orifice, current meter, etc.)

Static Water Level: 54.6 ft. Drawdown 65.1 ft.

Total Pumping Lift 119.77 ft.

2. Equipment Installed:

Kind of Pump: Turbine  
(turbine, centrifugal, etc.)

Kind of Power: Electric H. P. Rating of Motor 100  
(Elec., Nat. Gas, Etc.)

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

J. F. Griswold  
Signature J. F. Griswold, Secty.  
SALT RIVERY VALLEY WATER USERS' ASSOCIATION  
P. O. Box 1980, Phoenix 1, Arizona  
Address

Date August 7, 19 62



12477

ARIZONA DEPARTMENT OF WATER RESOURCES WELL REPORT

In Date: 05/01/2006

Well ID	Range	Sect	Q160	Q40	Q10	Reg No.	Registered Full Name & Address	Well Depth	Case Depth	Case Diameter	Water Level	Pump (GPM)	Auth. Issued:		Reg Wtr	Use shed	Log CRT	
													Drill Lic No	Issue Date				
A 2.0	3.0	25	B	C	B	55-539841	SOUTHWEST GAS CORP, 9 S 43RD AVE PHOENIX, AZ 85009	252	252	6	0	0	392	10/05/1993	N	07	X	N
Well Type: EXPLORATION																		
A 2.0	3.0	25	C	B	B	55-607731	SALT RIVER PROJECT, PO BOX 1980 PHOENIX, AZ 85001	400	400	18	53	1,196	0	04/21/1962	AB	07		
Well Type: NON-EXEMPT																		
A 2.0	3.0	25	C	C	C	55-550237	CIRCLE K CORP, 3003 N CENTRAL AVE PHOENIX, AZ 85013	58	37	4	40	0	175	07/25/1995	M	07	X	N
Well Type: MONITOR OR PIEZOMETER																		
A 2.0	3.0	25	C	C	C	55-550241	CIRCLE K CORP, 3003 N CENTRAL AVE PHOENIX, AZ 85013	0	0	0	0	0	175		M	07		N
Well Type: MONITOR OR PIEZOMETER																		
A 2.0	3.0	25	C	C	C	55-554017	CIRCLE K STORES INC, 3003 N CENTRAL AVE PHOENIX, AZ 85013	0	0	0	0	0	175		M	07		N
Well Type: MONITOR OR PIEZOMETER																		
A 2.0	3.0	25	C	C	C	55-554019	CIRCLE K STORES INC, 3003 N CENTRAL AVE PHOENIX, AZ 85013	0	0	0	0	0	175		M	07		N
Well Type: MONITOR OR PIEZOMETER																		
A 2.0	3.0	25	C	C	C	55-554021	CIRCLE K STORES INC, 3003 N CENTRAL AVE PHOENIX, AZ 85013	0	0	0	0	0	175		M	07		N
Well Type: MONITOR OR PIEZOMETER																		
A 2.0	3.0	25	C	C	C	55-554023	CIRCLE K STORES INC, 3003 N CENTRAL AVE PHOENIX, AZ 85013	0	0	0	0	0	175		M	07		N
Well Type: MONITOR OR PIEZOMETER																		
A 2.0	3.0	25	C	C	C	55-585797	CONOCOPHILLIPS COMPANY P O BOX 52085 PHOENIX, AZ 85072	60	55	2	45	0	78	03/05/2001	04/10/2001	T	07	X
Well Type: MONITOR																		
A 2.0	3.0	25	C	C	C	55-578962	PROFESSIONAL MOBILE CLEANING ATTN SCOTT STEVENS 5501 E CALLE CAMELIA PHOENIX, AZ 85018	0	0	0	0	0	7	01/19/2000		T	07	
Cancelled: Y B/M/P:																		
Well Type: MONITOR																		
A 2.0	3.0	25	C	C	C	55-578961	PROFESSIONAL MOBILE CLEANING ATTN SCOTT STEVENS 5501 E CALLE CAMELIA PHOENIX, AZ 85018	0	0	0	0	0	7	01/19/2000		T	07	
Cancelled: Y B/M/P:																		
Well Type: MONITOR																		
A 2.0	3.0	25	C	C	C	55-578960	PROFESSIONAL MOBILE CLEANING ATTN SCOTT STEVENS 5501 E CALLE CAMELIA PHOENIX, AZ 85018	0	0	0	0	0	7	01/19/2000		T	07	
Cancelled: Y B/M/P:																		
Well Type: MONITOR																		

Salt River Project Agricultural Impr. &  
 Power District  
 P O Box 1980  
 Phoenix AZ 85001

STATE OF ARIZONA  
 DEPARTMENT OF WATER RESOURCES  
 WATER RIGHTS ADMINISTRATION  
 99 EAST VIRGINIA  
 PHOENIX, ARIZONA 85004

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55 -	607704
	THRU
55 -	607743

ACCOUNT NO.				INT. ACCT.	ITEM DESCRIPTION	RATE	\$ AMOUNT
FUND SOURCE	AGENCY	CHAPTER	DIV.				
					Filing Fee for Registration of Existing Wells	10.00	400.00
					File # Various		
						WAITER PAYMENT	
						GUESTS 40	
						CHK NO 60934	
						40@ 10.00	
						55-I 400.00	
						TAX 0.00	
						TOTL 400.00	
						GEN.CHEK 400.00	
					Paid Check #060934		

5-20-82

TOTAL

# 8224 R 1316
\$ 400.00

pb

Arizona Department of Water Resources  
Operations Division  
500 N. 3rd St.  
Phoenix, AZ 85004-3903

DWR AR22 - Nov 84  
Date Received: \_\_\_\_\_  
Received By : \_\_\_\_\_  
AMA : \_\_\_\_\_  
Date Routed to AMA: \_\_\_\_\_

MEASURING DEVICE MALFUNCTION REPORT FORM  
PART1 - NOTIFICATION

INSTRUCTIONS

A.C.R.R. R12-15-905 Requires that a report must be made in writing to Department of Water Resources within (7) seven calendar days of Discovering that a water measuring device has malfunctioned, if the malfunction lasts 72 hours or longer.

Well Owner/Operator: SALT RIVER PROJECT

Address: P.O. Box 52025 Phoenix, AZ 85072-2025

Telephone Number: (602) 236-2612

Well Registration Number: 55607748

SRP Coordinate Location: 19.0E-08.1N

SRP Pump Number: 113

Measuring Device Type: Flow Meter

Malfunctioned on: 5/3/07

For the reason that: Low mA reading

Should be back in service: <sup>3</sup>5/8/07

Signed: *Jeffery Cant*

Date: 5-7-07

Arizona Department of Water Resources  
Operations Division  
500 N. 3rd St.  
Phoenix, AZ 85004-3903

DWR AR22 - Nov 84  
Date Received: \_\_\_\_\_  
Received By : \_\_\_\_\_  
AMA : \_\_\_\_\_  
Date Routed to AMA: \_\_\_\_\_

MEASURING DEVICE MALFUNCTION REPORT FORM  
PART1 - NOTIFICATION

INSTRUCTIONS

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Well Owner/Operator: SALT RIVER PROJECT

Address: P.O. Box 52025 Phoenix, AZ 85072-2025

Telephone Number: (602) 236-2612

Well Registration Number: 55607748

SRP Coordinate Location: 19.0E-08.1N

SRP Pump Number: 113

Measuring Device Type: Flow Meter

Malfunctioned on: 4/26/2006

For the reason that: no signal

*Steve K. Loney*

*5/30/06*

DEPARTMENT OF WATER RESOURCES  
99 EAST VIRGINIA AVENUE  
PHOENIX, ARIZONA 85004

REGISTRATION OF EXISTING WELLS

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING  
PRINT OR TYPE - FILE IN DUPLICATE

REGISTRATION FEE (CHECK ONE)	
EXEMPT WELL (NO CHARGE)	<input type="checkbox"/>
NON-EXEMPT WELL - \$10.00	<input checked="" type="checkbox"/>

ARIZONA  
DEPT. OF  
WATER  
RESOURCES

07

FOR OFFICE USE ONLY	
REGISTRATION NO. 55-	607748
FILE NO.	A(2-4)20 ecc
FILED	5-18-82 AT 10:51 a
(DATE)	(TIME)
INA	
Phoenix	

1. Name of Registrant: Salt River Project Agricultural Improvement and Power District  
P. O. Box 1980 Phoenix Arizona 85001  
 (Address) (City) (State) (Zip)

2. File and/or Control Number under previous groundwater law:  
 \_\_\_\_\_ 35- \_\_\_\_\_  
 (File Number) (Control Number)

3. a. The well is located within the SW ¼ SW ¼ SW ¼, Section 20,  
 of Township 2N N/S, Range 4E E/W, G & SRB & M, in the  
 County of Maricopa.

b. If in a subdivision: Name of subdivision \_\_\_\_\_  
 Lot No. \_\_\_\_\_, Address \_\_\_\_\_

4. The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)  
Irrigation and non-irrigation uses by SRP

5. If for irrigation use, number of acres irrigated from well SRP member lands

6. Owner of land on which well is located. If same as Item 1, check this box   
 \_\_\_\_\_  
 (Address) (City) (State) (Zip)

7. Well data (If data not available, write N/A)  
 a. Depth of Well 305 feet  
 b. Diameter of casing 18 inches  
 c. Depth of casing 305 feet  
 d. Type of casing steel casing with louvered perforations  
 e. Maximum pump capacity 808 gallons per minute.  
 f. Depth to water 17 static (Jan. 1982) feet below land surface.  
 g. Date well completed June 18 1971  
 (Month) (Day) (Year)

8. The place(s) of use of water. If same as Item 3, check this box   
 \_\_\_\_\_  
 \_\_\_\_\_  
SRP member lands through distribution system

Attach additional sheet if necessary.

9. DATE MAY 17 1982 SIGNATURE OF REGISTRANT Carl Parker

## INSTRUCTIONS FOR COMPLETING REGISTRATION FORM

### General Instructions

1. A person who owns an "Existing Well" shall register the well, pursuant to A.R.S. 45-593, by filing this form **in duplicate** with the Department of Water Resources not later than midnight June 14, 1982. The form must be completed and signed. Failure to do so will constitute a violation of A.R.S. 45-593, and may subject the well owner to injunction and/or civil penalties, pursuant to A.R.S. Title 45, Article 12.
2. An "Existing Well" means, (1) a well which was drilled on or before June 12, 1980 and which is not abandoned or sealed, or (2) a well which was not completed on or before June 12, 1980, but for which a Notice of Intention to Drill was on file with the Arizona Water Commission on or before June 12, 1980.
3. No registration fee is required for Exempt Wells. A \$10.00 registration fee must accompany registration forms for all Non-Exempt Wells.
4. An "Exempt Well" means a well having a pump with a maximum capacity of not more than 35 gallons per minute which is used to withdraw groundwater. An Exempt Well may include the non-commercial irrigation of not more than 1 acre of land.
5. A "Non-Exempt Well" means a well that is not an "Exempt Well".

### INSTRUCTIONS FOR REGISTRATION QUESTIONS

1. The Registrant must be the owner of the well and may be an individual, public or private corporation, company, partnership, firm, association, society, estate, trust, any other private organization or enterprise, the United States, any state, territory or country or a governmental entity, political subdivision or municipal corporation organized under or subject to the constitution and laws of this State.
2. If you own an existing irrigation well drilled at any time, or any other type of well drilled on or after June 20, 1968, you should have an assigned control and/or file number. Write these numbers in item 2. If you do not know the number, please explain the reason on the form or on an attached sheet.
3.
  - a. Fill in the Section, Township and Range in all cases if it is available.
  - b. If the well is in a subdivision and you have this information, give the subdivision name, Lot Number, and Address.
4. Show all purposes for which the water is used.
5. If the well is used for irrigation, give the number of acres irrigated in 1980 from the well.
6. If the owner of the land is an individual, give the last name, first name, middle initial. If the owner of the land is a corporation, partnership, firm, etc., fill in the appropriate title.
7. Complete the section on Well Data with the most accurate information available to you. If the data is not available, write N/A in the blanks.
8. Give the legal description of the place of use of the water. If place of use is in a subdivision and legal description is not available, give the subdivision name, Lot Number and/or address on the blank line.
9. The person in whose name a well is registered shall notify the Department of any change in ownership and shall keep all information on the registration record current and accurate. A form entitled "Change of Well Information/Ownership" is available for this purpose. A blank form will be furnished with the returned duplicate copy of the registration form.

Salt River Project Agricultural Impr. &  
 Power District  
 P O Box 1980  
 Phoenix AZ 85001

STATE OF ARIZONA  
 DEPARTMENT OF WATER RESOURCES  
 WATER RIGHTS ADMINISTRATION  
 99 EAST VIRGINIA  
 PHOENIX, ARIZONA 85004

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55 -	607704
	THRU
55 -	607743

FUND SOURCE	ACCOUNT NO.			INT. ACCT.	ITEM DESCRIPTION	RATE	\$ AMOUNT
	AGENCY	CHAPTER	DIV.				
					Filing Fee for Registration of Existing Wells	10.00	400.00
					File # Various		WRITER PAYMENT GUESTS 40 CHK NO 60934 400 10.00 55-I 400.00 TAX 0.00 TOTL 400.00 GEN.CHEK 400.00
					Paid Check #060934		

5-20-82

TOTAL

# 8224 A	13116
\$	400.00

pb

DEPARTMENT OF WATER RESOURCES

99 EAST VIRGINIA AVENUE  
PHOENIX, ARIZONA 85004

REGISTRATION OF EXISTING WELLS

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING  
PRINT OR TYPE - FILE IN DUPLICATE

REGISTRATION FEE (CHECK ONE)

EXEMPT WELL (NO CHARGE)

NON-EXEMPT WELL - \$10.00

ARIZONA  
DEPT. OF

MAY 18 11:02

WATER  
RESOURCES

07

FOR OFFICE USE ONLY

REGISTRATION NO. 55-607672

FILE NO. A(2-3)25 Dec

FILED 5-18-82 AT 11:02a

(DATE) (TIME)

INA

AMK Phoenix

- Name of Registrant: Salt River Project Agricultural Improvement and Power District  
P. O. Box 1980 Phoenix Arizona 85001  
(Address) (City) (State) (Zip)
- File and/or Control Number under previous groundwater law:  
A02003025DCCGS1 35-  
(File Number) (Control Number)
- a. The well is located within the SW ¼ SW ¼ SE ¼, Section 25,  
of Township 2N N/S, Range 3E E/W, G & SRB & M, in the  
County of Maricopa.
- b. If in a subdivision: Name of subdivision \_\_\_\_\_  
Lot No. \_\_\_\_\_, Address \_\_\_\_\_
- The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)  
Irrigation and non-irrigation uses by SRP
- If for irrigation use, number of acres irrigated from well SRP member lands
- Owner of land on which well is located. If same as Item 1, check this box   
\_\_\_\_\_  
(Address) (City) (State) (Zip)
- Well data (If data not available, write N/A)
  - Depth of Well 202 feet
  - Diameter of casing 12 inches
  - Depth of casing 188 feet
  - Type of casing 10 ga double wall stovepipe
  - Maximum pump capacity 563 gallons per minute.
  - Depth to water 89 static (Jan. 1982) feet below land surface.
  - Date well completed October 1923.  
(Month) (Day) (Year)
- The place(s) of use of water. If same as Item 3, check this box   
¼ ¼ ¼, Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
¼ ¼ ¼, Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
SRP member lands through distribution system.  
Attach additional sheet if necessary.
- DATE MAY 17 1982 SIGNATURE OF REGISTRANT Carl Sparks  
MAY 17 1982

SALT RIVER PROJECT AGRICULTURAL  
IMPROVEMENT AND POWER DISTRICT

## INSTRUCTIONS FOR COMPLETING REGISTRATION FORM

### General Instructions

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  - a. Fill in the Section, Township and Range in all cases if it is available.
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4. Show all purposes for which the water is used.
5. If the well is used for irrigation, give the number of acres irrigated in 1980 from the well.
6. If the owner of the land is an individual, give the last name, first name, middle initial. If the owner of the land is a corporation, partnership, firm, etc., fill in the appropriate title.
7. Complete the section on Well Data with the most accurate information available to you. If the data is not available, write N/A in the blanks.
8. Give the legal description of the place of use of the water. If place of use is in a subdivision and legal description is not available, give the subdivision name, Lot Number and/or address on the blank line.
9. The person in whose name a well is registered shall notify the Department of any change in ownership and shall keep all information on the registration record current and accurate. A form entitled "Change of Well Information/Ownership" is available for this purpose. A blank form will be furnished with the returned duplicate copy of the registration form.

55-607672

**REGISTRATION OF WELL**

Registration of well existing as of Oct. 3, 1945 is hereby made and filed with the State Land Commissioner as required by Section 5, Chapter 12, Senate Bill No. 3, Seventeenth Legislature, First Special Session 1945.

1. Owner SALT RIVER VALLEY WATER USERS' ASSOCIATION  
Name  
Phoenix, Arizona  
Address

2. Lessee or Operator \_\_\_\_\_  
Name  
Address

3. Driller E. N. Brown Drilling Company  
Name  
Phoenix, Arizona  
Address

4. Location of well: Twp. 2N Rge. 3E Section 25 SW 1/4 SW 1/4 SE 1/4  
17E-7N 10-acre subdivision

**DESCRIPTION OF WELL**

- 5. Total depth of hole 202 ft.
- 6. Type of casing stovepipe
- 7. Diameter and length of casing 12 in. from \_\_\_\_\_ to \_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_
- 8. Method of sealing at reduction points \_\_\_\_\_
- 9. Perforated from 192 to 50 from \_\_\_\_\_ to \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_
- 10. Size of cuts 3/4 x 4" holes Number cuts per foot 6 holes every 6 inches
- 11. If screen was installed: Length \_\_\_\_\_ ft. Diam. \_\_\_\_\_ in. Type \_\_\_\_\_
- 12. Method of construction drilled drilled, dug, driven, bored, jetted, etc.
- 13. Date completed October, 1923 Dispaned \_\_\_\_\_  
Month \_\_\_\_\_ Year \_\_\_\_\_ Month \_\_\_\_\_ Year \_\_\_\_\_
- 14. Depth to water when drilled 7-1/2 ft.  
If flowing well, so state.
- 15. Present depth to water 20.0 ft. Date of measurement December 19, 1945  
If flowing well, so state.
- 16. Describe point from which depth measurements were made, and give sea-level elevation if available pumphouse floor - 1,170.3
- 17. If flowing well, state method of flow regulation \_\_\_\_\_

**DISCHARGE DATA**

- 18. Well discharge 422 G.P.M. gal. per min. or cu. ft. per sec. or miner's inches.
- 19. Method of discharge measurement weir weir, orifice, current meter, etc.  
87.80
- 20. Drawdown 31.80 ft.
- 21. Annual discharge in acre-feet, or number of hours pumped: 1944 561 a.f. or \_\_\_\_\_ hrs. 1945 574 a.f. or \_\_\_\_\_ hrs.
- 22. Purpose of use Irrigation
- 23. Place of use: Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ Section \_\_\_\_\_ Acres \_\_\_\_\_  
[See 24] Legal subdivision \_\_\_\_\_  
Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ Section \_\_\_\_\_ Legal subdivision \_\_\_\_\_ Acres \_\_\_\_\_
- 24. If well is part of irrigation system of Irrigation District, Association or Company, omit 23 and give name of project.  
SALT RIVER VALLEY WATER USERS' ASSOCIATION  
Name of Project (A-2-3) 25

**EQUIPMENT DATA**

- 25. Kind of pump turbine  
turbine, centrifugal, etc.
- 26. Kind of power electric  
electric, natural gas, etc.
- 27. Horsepower rating of motor 20

DO NOT WRITE IN THIS SPACE  
**OFFICE RECORD**

Received 2-1-46 by lj  
Filed 2-5-46 by lj  
File No. (A-2-3) 25 dcc

Cross-referenced (Name) \_\_\_\_\_ by \_\_\_\_\_  
Cross-referenced (Basin) \_\_\_\_\_ by \_\_\_\_\_  
Cross-referenced \_\_\_\_\_ by \_\_\_\_\_



ARIZONA DEPARTMENT OF WATER RESOURCES WELL REPORT

In Date: 05/01/2006

Well ID	Range	Sect	Q160	Q40	Q10	Reg No.	Registered Full Name & Address	Well Depth	Case Depth	Case Diameter	Water Level	Pump (GPM)	Most Recent		Org. Drill Date	Reg Wtr Use	Wtr shed Log CRT	
													Auth. Issued: Lic No.	Issue Date				
A 2.0	3.0	25	D	C	C	55 - 607672	SALT RIVER PROJECT, PO BOX 1980 PHOENIX, AZ 85001	202	188	12	89	563	0	10/01/1923	AB	07		
Well Type: NON-EXEMPT																		
A 2.0	3.0	25	D	C	D	55 - 582482	THOMAS HEATING & AIR CONDITIONING 3726 E THOMAS RD PHOENIX, AZ 85018	0	0	0	0	0	533	08/03/2000		T	07	
Cancelled: Y B/M/IP:																		
Well Type: MONITOR																		
A 2.0	3.0	25	D	C	D	55 - 582485	THOMAS HEATING & AIR CONDITIONING 3726 E THOMAS RD PHOENIX, AZ 85018	0	0	0	0	0	533	08/03/2000		T	07	
Cancelled: Y B/M/IP:																		
Well Type: MONITOR																		
A 2.0	3.0	25	D	C	D	55 - 585412	THOMAS HEATING & AIR CONDITIONING 3726 E THOMAS RD PHOENIX, AZ 85018	55	35	4	30	0	533	02/14/2001	02/27/2001	T	07	
Cancelled: Y B/M/IP:																		
Well Type: MONITOR																		
A 2.0	3.0	25	D	C	D	55 - 585413	THOMAS HEATING & AIR CONDITIONING 3726 E THOMAS RD PHOENIX, AZ 85018	55	35	4	30	0	533	02/14/2001	02/26/2001	T	07	
Cancelled: Y B/M/IP:																		
Well Type: MONITOR																		
A 2.0	3.0	25	D	C	D	55 - 582484	THOMAS HEATING & AIR CONDITIONING 3726 E THOMAS RD PHOENIX, AZ 85018	0	0	0	0	0	533	08/03/2000		T	07	
Cancelled: Y B/M/IP:																		
Well Type: MONITOR																		
A 2.0	3.0	25	D	C	D	55 - 582483	THOMAS HEATING & AIR CONDITIONING 3726 E THOMAS RD PHOENIX, AZ 85018	0	0	0	0	0	533	08/03/2000		T	07	
Cancelled: Y B/M/IP:																		
Well Type: MONITOR																		
A 2.0	3.0	25	D	C	D	55 - 540123	RISK, CELIA, 3632 E PASADINA PHOENIX, AZ 85018	65	30	2	27	0	319	08/10/1993	M	07	X	
Well Type: MONITOR OR PIEZOMETER																		
A 2.0	3.0	25	D	D	D	55 - 517412	US POSTAL SERVICE, 2502 E UNIVERSITY PHOENIX, AZ 85034	32	20	5	22	0	263	04/20/1987	T	07	X	
Well Type: EXPLORATION																		
A 2.0	3.0	25	D	D	D	55 - 517413	US POSTAL SERVICE, 2502 E UNIVERSITY PHOENIX, AZ 85034	31	20	5	18	0	263	04/20/1987	T	07	X	
Well Type: EXPLORATION																		
A 2.0	3.0	25	D	D	D	55 - 536141	SOUTHLAND CORP, 7167 S ALTON WAY ENGLEWOOD, CO 80112	42	20	4	23	0	533	08/18/1992	M	07	X	
Well Type: MONITOR OR PIEZOMETER																		
A 2.0	3.0	25	D	D	D	55 - 536142	SOUTHLAND CORP, 7167 S ALTON WAY ENGLEWOOD, CO 80112	0	0	0	0	0	533		M	07	N	
Cancelled: Y B/M/IP:																		
Well Type: MONITOR OR PIEZOMETER																		

Salt River Project Agricultural Impr. &  
 Power District  
 P O Box 1980  
 Phoenix AZ 85001

STATE OF ARIZONA  
 DEPARTMENT OF WATER RESOURCES  
 WATER RIGHTS ADMINISTRATION  
 99 EAST VIRGINIA  
 PHOENIX, ARIZONA 85004

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55 -	607704
	THRU
55 -	607743

FUND SOURCE	ACCOUNT NO.			INT. ACCT.	ITEM DESCRIPTION	RATE	\$ AMOUNT
	AGENCY	CHAPTER	DIV.				
					Filing Fee for Registration of Existing Wells	10.00	400.00
					File # Various		WRITER PAYMENT GUESTS 40 CHK NO 60934 40@ 10.00 55-I 400.00 TAX 0.00 <b>TOTL 400.00</b> GEN.CHEK 400.00
					Paid Check #060934		

5-20-82

TOTAL

# 8224 A	13116
\$	400.00

pb

DEPARTMENT OF WATER RESOURCES  
99 EAST VIRGINIA AVENUE  
PHOENIX, ARIZONA 85004

**REGISTRATION OF EXISTING WELLS**

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING  
PRINT OR TYPE - FILE IN DUPLICATE

07

REGISTRATION FEE (CHECK ONE)	
EXEMPT WELL (NO CHARGE)	<input type="checkbox"/>
NON-EXEMPT WELL - \$10.00	<input checked="" type="checkbox"/>

ARIZONA  
DEPT. OF  
WATER  
RESOURCES  
82 MAY 11 A3:22

FOR OFFICE USE ONLY	
REGISTRATION NO. 55-	608431
FILE NO.	A(2-3)25666
FILED	5/11/82 AT 3:22
	(DATE) (TIME)
INA	
AMA	PHOENIX

- Name of Registrant:  
Salt River Project Agricultural Improvement and Power District  
P. O. Box 1980 Phoenix Arizona 85001  
(Address) (City) (State) (Zip)
- File and/or Control Number under previous groundwater law:  
A02003025BBBGS1 35- None  
(File Number) (Control Number)
- a. The well is located within the NW ¼ NW ¼ NW ¼, Section 25  
of Township 2N N/S, Range 3E E/W, G & SRB & M, in the  
County of Maricopa.  
b. If in a subdivision: Name of subdivision \_\_\_\_\_  
Lot No. \_\_\_\_\_, Address \_\_\_\_\_
- The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)  
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- Owner of land on which well is located. If same as Item 1, check this box   
\_\_\_\_\_  
(Address) (City) (State) (Zip)
- Well data (If data not available, write N/A)  
a. Depth of Well 250 feet  
b. Diameter of casing 18 inches  
c. Depth of casing 250 feet  
d. Type of casing 5/16 ga steel pipe with punched slots  
e. Maximum pump capacity 1232 gallons per minute.  
f. Depth to water 52 static (Jan. 1982) feet below land surface.  
g. Date well completed August 20 1964  
(Month) (Day) (Year)
- The place(s) of use of water. If same as Item 3, check this box   
¼ ¼ ¼, Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
¼ ¼ ¼, Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
SRP Member lands through distribution system.  
Attach additional sheet if necessary.
- DATE MAY 11 1982 SIGNATURE OF REGISTRANT *Carl E. Sparks*

SALT RIVER PROJECT AGRICULTURAL  
IMPROVEMENT AND POWER DISTRICT

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55-608431

LAND DEPARTMENT  
WATER DIVISION  
STATE OF ARIZONA

REPORT OF WELL DRILLER

IMPORTANT  
PLEASE COMPLETE & RETURN

This report should be prepared by the driller in all detail and filed with the State Land Commissioner following completion of the well.

- 1. OWNER SALT RIVER VALLEY WATER USERS' ASSOCIATION  
Name  
P. O. BOX 1980 - PHOENIX, ARIZONA 85001  
Address
- 2. Lessee or Operator Roscoe Moss Co.  
Name  
5909 E. Lafayette Phoenix Ariz  
Address
- 3. DRILLER James P. Law  
Name  
154 E. Santa Cruz Tempe Ariz  
Address
- 4. Location of well: Twp. 2 N. Rge. 3 E. Section 25 N.W. 1/4 NW 1/4 NW 1/4  
16-acre subdivision
- 5. Intention to Drill File No. \_\_\_\_\_ Permit No. S-759

DESCRIPTION OF WELL

- 6. Total depth of hole 250 ft.
- 7. Type of casing 5/8 plate
- 8. Diameter and length of casing 1 1/2 in. from 0 to 250 in. from \_\_\_\_\_ to \_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_
- 9. Method of sealing at reduction points \_\_\_\_\_
- 10. Perforated from 150 to 250, from \_\_\_\_\_ to \_\_\_\_\_, from \_\_\_\_\_ to \_\_\_\_\_
- 11. Size of cuts 1/2" openings 3" Number of cuts per foot \_\_\_\_\_
- 12. If screen was installed: Length \_\_\_\_\_ ft. Diam \_\_\_\_\_ in. Type \_\_\_\_\_
- 13. Method of construction Drilled  
drilled, dug, driven, bored, jetted, etc.
- 14. Date started 7/23/64  
Month Day Year
- 15. Date completed 8/10/64  
Month Day Year
- 16. Depth of water 45'  
ft.  
If flowing well, so state.
- 17. Describe point from which depth measurements were made, and give sea-level elevation if available \_\_\_\_\_
- 18. If flowing well, state method of flow regulation \_\_\_\_\_

19. REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DO NOT WRITE IN THIS SPACE

OFFICE RECORD

Received 8-18-64 by K

Filed 8-19-64 by B

File No. A(2-3)25 bbb

(Well Log to Appear on Reverse Side)



X Done S-776

A(2-3)25 bbb

S-759

Application No. S-776 File No. A(2-3)25 bbb Permit No. S-759

Filed 6-24-64 June 24, 1964

(Applicant must not fill in the above blanks)

This application shall be submitted to the State Land Department, Water Division, Phoenix, Arizona, in accordance with the provisions of Article 7, Chapter 1, Title 45, Arizona Revised Statutes, and the rules and regulations of the State Land Department.

Applications must be accompanied by fees made payable to the STATE LAND DEPARTMENT as follows:

Application Fee ----- \$3.00  
Permit Fee ----- \$5.00

OK 6-24-64  
JCR

APPLICATION FOR A PERMIT

( ) TO DRILL )  
( ) TO DEEPEN ) AN IRRIGATION WELL IN A CRITICAL AREA  
(X) TO REPLACE ) WITHIN THE STATE OF ARIZONA

K (We), SALT RIVER VALLEY WATER USERS' ASSOCIATION  
(Owners Name)

of P. O. Box 1980, Phoenix, County of Maricopa  
(Post Office Address)

State of Arizona, do hereby make application for a permit to

( ) Drill new well, ( ) Deepen or (X) Replace the following described well in the  
Salt River Valley Critical Area.

1. Location and description of proposed well: Location of Proposed Well

Twp. 2N Rge. 3E Sec. 25; NW 1/4 NW 1/4 NW 1/4 A(2-3)25 bbb  
(10 Ac. Subdiv.)

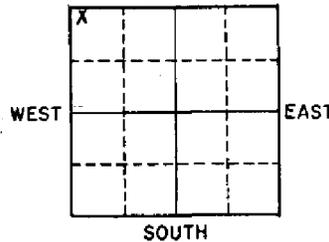
17.0E-08.0N  
NORTH

Dept. 300 ft. Type of casing 18" plate pipe

Proposed Withdrawal 1010  
(Ac. ft. per year)

Name and Address of Driller:

Roscoe Moss Company  
Los Angeles, California



2. Location and description of existing well: (Indicate location of well)

Twp. 2N Rge. 3E Sec. 25; NW 1/4 NW 1/4 NW 1/4  
(10Ac. subdiv.)

17.0E-08.0N  
Location of Existing Well

Dept. 205 ft. Diameter 12 in.

Date drilled November, 1920

Driving Unit Electric H. P.

Rating of Motor 10

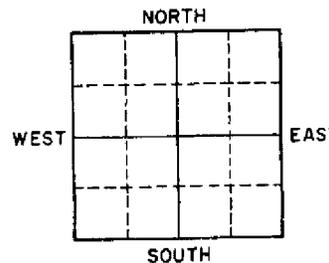
Discharge when Drilled 427  
(g. p. m.)

Present Discharge 337  
(g. p. m.)

Static Water Level 50.1 ft.  
(below ground surface)

Depth of Pump Setting 90'

Pumping Lift 65.1 ft.



3. Reason new well required supplement water supply

4. Land to be irrigated: Land within Association boundaries.

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ Sec. \_\_\_\_\_

(Legal Subdivision Description)

(Acres)

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ Sec. \_\_\_\_\_

(Legal Subdivision Description)

(Acres)

5. Above described land is now irrigated as follows: Project canals & wells.

6. Record of cultivation and irrigation of land described herein: \_\_\_\_\_

All lands within Project under cultivation prior to 1948.

7. It is understood that the permit, if granted, will be in accordance with the Groundwater Code of 1948, and the Permittee will be bound by the provisions of such law, and the provisions of the permit issued herefor.

CERTIFICATE

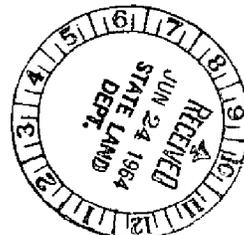
8. I (We), SALT RIVER VALLEY WATER USERS' ASSOCIATION  
the applicant named in the above and foregoing application, do hereby certify under the penalty of perjury, that the information contained and statements therein made are to the best of my knowledge and belief true, correct and complete.

DATED THIS 19th day of June, 19 64.

Salt River Project  
(Owner or his authorized agent)

P. O. Box 1980, Phoenix, Arizona 85001  
(Post Office Address)

BY A. L. Monette  
A. L. Monette, Secretary



82392

**STATE OF ARIZONA  
STATE LAND DEPARTMENT  
STATE OFFICE BUILDING - PHOENIX, ARIZONA**

OFFICE COPY

SECTION	TOWNSHIP	RANGE

RIND ENTRY	LEASE - REFERENCE NO.

ACCOUNT NO.		CARRYING CAPACITY OR STATIC WATER LEVEL	SEE OTHER SIDE FOR CODE DESCRIPTION			BILLING DESCRIPTION	RATE	ACRES	\$	AMOUNT
GRANT	FUND		LAND CODE	CRDP CODE	WATER CODE					

CERTIFICATE OF PURCHASE UNPAID BALANCE
\$

BILLING PERIOD		
FROM	TO	
MO. DAY YR.	MO. DAY YR.	

DATE BILLED		
MO.	DAY	YR.

DATE DUE		
MO.	DAY	YR.

TOTAL ACRES

TOTAL AMOUNT
\$

**IF PAYMENT IS MADE ON OR BEFORE THIS DATE PAY THIS AMOUNT**

SEE OTHER SIDE FOR LAW PERTAINING TO PENALTY AND INTEREST - A. R. S. SEC. 37-288.

RENTAL AMOUNT SUBJECT TO PENALTY AND INTEREST IF NOT PAID ON OR BEFORE DATE DUE . . . . (\$

PENALTY AND INTEREST DISTRIBUTION	
\$	

5% PENALTY OF RENTAL AMOUNT . . . . .	\$	
TOTAL RENTAL AMOUNT PLUS PENALTY . . . . .	\$	
10% INTEREST PER ANNUM OF RENTAL AMOUNT AND PENALTY - NUMBER OF DAYS DELINQUENT ( ) \$	\$	
TOTAL AMOUNT DUE INCLUDING PENALTY AND INTEREST . . . . .	\$	
CASH RECEIVED . . . . .	\$	
BALANCE DUE OR OVERPAYMENT . . . . .	\$	

IMPORTANT

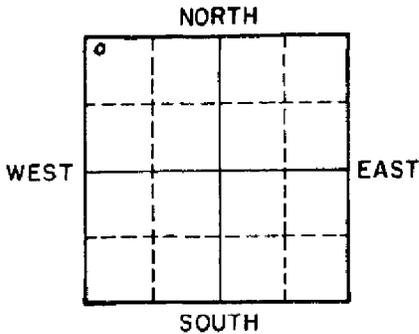
PLEASE COMPLETE & RETURN

STATE LAND DEPARTMENT  
Water Division  
Phoenix 7, Arizona

17E-08,0N

Location of Well

File No. A(2-3)25 bbb



(Indicate Well Location by a circle "0" in the above Section Plat)

REPORT OF EQUIPMENT INSTALLED

OWNER Salt River Valley Water Users' Association

LOCATION OF WELL:

NW 1/4 NW 1/4 NW 1/4, Sec. 25 Twp. 2N Rge. 3E

Date Well Completed: Sept. 1964 Depth 250'

1. Well Test:

Discharge: 1030 Date Well Tested: 10/30/64  
(Gal. Per Min.)

Method of Discharge Measurement: Pitot  
(weir, orifice, current meter, etc.)

Static Water Level: 51.0 ft. Drawdown 34.6 ft.

Total Pumping Lift 85.6 ft.

2. Equipment Installed:

Kind of Pump: Turbine  
(turbine, centrifugal, etc.)

Kind of Power: 75 Electric H. P. Rating of Motor 75 HP  
(Elec., Nat. Gas, Etc.)

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

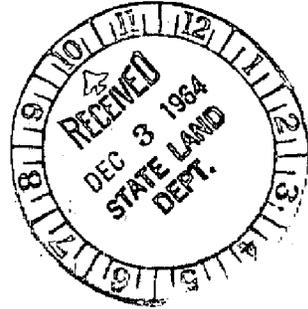
SALT RIVER VALLEY WATER USERS' ASSOCIATION

A. L. Monette  
Signature A. L. Monette, Secretary

Date December 2, 1964, 1964

P. O. Box 1980, Phoenix, Arizona 85001  
Address

53201





**SALT RIVER PROJECT**

P. O. BOX 1980  
PHOENIX 1, ARIZONA  
VICTOR I. CORBELL, PRESIDENT  
FLOYD N. SMITH, VICE-PRESIDENT

A. L. MONETTE, SECRETARY  
L. H. DWERLKOTTE, TREASURER

June 23, 1964

*NEW CARD  
# 36K*

State Land Department  
Water Division  
Phoenix, Arizona 85007

Attention: Mr. F. C. Ryan

Gentlemen:

Enclosed is our check for \$24.00 for the filing and permit fees to cover applications for three wells, as specified on your Form No. G-303-IM-12-56.

Very truly yours,

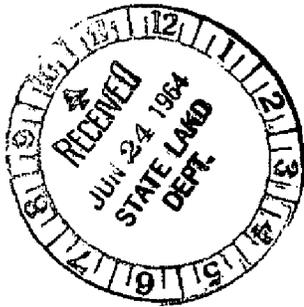
SALT RIVER VALLEY  
WATER USERS' ASSOCIATION

H. J. Roth  
Assistant Secretary  
Association

HJR:mb  
Enclosure

*a set on 2/6*

*658 68*



Application No. S-776 File No. A(2-3)25 bbb Permit No. S-759

PERMIT

TO DRILL (Replace) AN IRRIGATION WELL IN A CRITICAL AREA WITHIN THE STATE OF ARIZONA

SALT RIVER VALLEY WATER USERS' ASSOCIATION - P. O. Box 1980 - Phoenix, Arizona

STATE OF ARIZONA }
County of MARICOPA } ss.

This is to Certify that I have examined the above numbered application and do hereby approve the same and grant to the applicant a permit to DRILL (Replace) the well described therein, subject to the following limitations and conditions:

- 1. Water shall be limited to use on lands described as follows:

Legal Subdivision Acres

ON LANDS WITHIN THE ASSOCIATION'S BOUNDARIES

Total Acres

- ( ) 2. No right is granted by this permit for the irrigation of lands which on September 1, 1951, were not irrigated, or had not been cultivated within five years prior thereto.
(x) 3. The well for which permit is granted hereunder shall be completed and in operation within one year from the date hereof.
( ) 4. Other Limitations:

WITNESS my hand and seal of office this 24th day of June, 1964.

SEAL

Expires: 6-24-65

Louis C. Duncan
Deputy STATE LAND COMMISSIONER

# STATE LAND DEPARTMENT

OBED M. LASSEN  
STATE LAND COMMISSIONER  
PHONE 271-4621

STATE OF ARIZONA  
STATE OFFICE BUILDING  
PHOENIX 7, ARIZONA



June 24, 1964

Re: File No. A(2-3)25 bbb  
Application No. S-776  
Permit No. S-759

Salt River Valley Water Users' Association  
J. J. Roth, Assistant Secretary  
P. O. Box 1980  
Phoenix, Arizona 85001

Gentlemen:

Your application for a permit to drill a well in Twp. 2 North , Rge. 3 East ,  
Section 25 , NW 1/4 NW 1/4 NW 1/4 has been approved. Your permit is enclosed.

Also enclosed are a:

WELL DRILLING CARD, which should be in the hands of the driller  
before construction of the well is started;

REPORT OF WELL DRILLER form, which shall be filled in and  
sent to us within thirty days after completion of the well;

REPORT OF EQUIPMENT INSTALLED form, which shall be filled  
in and sent to us within thirty days after the installation of the  
pumping equipment.

In the event it is necessary to change the location of the proposed well you should  
obtain the written permission of the State Land Commissioner before proceeding  
with the drilling.

Very truly yours,

WATER DIVISION

By:  
F. C. Ryan, Supervisor  
kh

Enclosure: G-301  
G-304  
G-306  
cc: USGS, Tucson

### REGISTRATION OF WELL

Registration of well existing as of Oct. 3, 1945 is hereby made and filed with the State Land Commissioner as required by Section 5, Chapter 12, Senate Bill No. 3, Seventeenth Legislature, First Special Session 1945.

1. Owner SALT RIVER VALLEY WATER USERS' ASSOCIATION  
Name  
Phoenix, Arizona  
Address

2. Lessee or Operator  
Name  
Address

3. Driller E. N. BROWN DRILLING COMPANY  
Name  
Phoenix, Arizona  
Address

4. Location of well: Twp. 2N Rge. 3E Section 25 NW 1/4 NW 1/4 NW 1/4  
17E-8N 10-acre subdivision

#### DESCRIPTION OF WELL

- 5. Total depth of hole 205 ft.
- 6. Type of casing stovepipe
- 7. Diameter and length of casing 12 in. from \_\_\_\_\_ to \_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_
- 8. Method of sealing at reduction points \_\_\_\_\_
- 9. Perforated from 40 to 150 from \_\_\_\_\_ to \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_
- 10. Size of cuts 1/2 x 4" holes Number cuts per foot 8 holes per foot
- 11. If screen was installed: Length \_\_\_\_\_ ft. Diam. \_\_\_\_\_ in. Type \_\_\_\_\_
- 12. Method of construction drilled  
drilled, dug, driven, bored, jetted, etc.
- 13. Date completed December 10, 1920 Opened \_\_\_\_\_  
Month Year Month Year
- 14. Depth to water when drilled \_\_\_\_\_ ft.  
If flowing well, so state.
- 15. Present depth to water 21.0 ft. Date of measurement December 20, 1945  
If flowing well, so state.
- 16. Describe point from which depth measurements were made, and give sea-level elevation if available pumphouse floor -- 1,186.5'
- 17. If flowing well, state method of flow regulation \_\_\_\_\_

#### DISCHARGE DATA

- 18. Well discharge 427 g.p.m.  
gal. per min. or cu. ft. per sec. or miner's inches.
- 19. Method of discharge measurement weir  
weir, orifice, current meter, etc.
- 20. Drawdown 85.88 ft.
- 21. Annual discharge in acre-feet, or number of hours pumped: 1944 599 a.f. or \_\_\_\_\_ hrs. 1945 623 a.f. or \_\_\_\_\_ hrs.
- 22. Purpose of use Irrigation
- 23. Place of use: Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ Section \_\_\_\_\_ Acres \_\_\_\_\_  
(See 24) Legal subdivision  
Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ Section \_\_\_\_\_ Acres \_\_\_\_\_  
Legal subdivision
- 24. If well is part of irrigation system of Irrigation District, Association or Company, omit 23 and give name of project.  
SALT RIVER VALLEY WATER USERS' ASSOCIATION  
Name of Project (A-2-3)25 bbb

#### EQUIPMENT DATA

- 25. Kind of pump turbine  
turbine, centrifugal, etc.
- 26. Kind of power electric  
electric, natural gas, etc.
- 27. Horsepower rating of motor 20

DO NOT WRITE IN THIS SPACE	
OFFICE RECORD	
Received <u>2-1-46</u>	by <u>lj</u>
Filed <u>2-5-46</u>	by <u>lj</u>
File No. <u>(A-2-3)25 bbb</u>	
Cross-referenced (Name) _____	by _____
Cross-referenced (Basin) _____	by _____
Cross-referenced _____	by _____



ARIZONA DEPARTMENT OF WATER RESOURCES WELL REPORT

Quad		Range	Secl	Q160	Q40	Q10	Reg No.	Registered Full Name & Address	Well Depth	Case Depth	Case Diameter	Water Level	Pump (GPM)	Drill Lic No	Issue Date	Org. Drill Date	Reg Wtr Use	Wtr- shed	Log CRT	
A	2.0	3.0	25	B	B	B	55 - 577234	TOSCO MARKETING COMPANY 1500 N PRIEST DRIVE TEMPE, AZ 85281	60	47	2	35	0	78	09/29/1999	11/20/1999	T	07	X	
Well Type: MONITOR																				
A	2.0	3.0	25	B	B	B	55 - 571530	TOSCO MARKETING COMPANY 1500 N PRIEST DRIVE TEMPE, AZ 85281	60	60	4	37	0	78	10/15/1999	12/09/1998	N	07	X	A
Cancelled: Y B/M/P: 127-34-134B																				
Well Type: MONITOR																				
A	2.0	3.0	25	B	B	B	55 - 571529	TOSCO MARKETING COMPANY 1500 N PRIEST DRIVE TEMPE, AZ 85281	60	60	4	37	0	269	12/28/1998	12/09/1998	T	07	X	
Well Type: MONITOR																				
A	2.0	3.0	25	B	B	B	55 - 560317	CONOCO PHILLIPS COMPANY 1230 W WASHINGTON ST STE 2 TEMPE, AZ 85281	0	0	0	0	0	269			M	07	N	
Cancelled: Y B/M/P:																				
Well Type: MONITOR OR PIEZOMETER																				
A	2.0	3.0	25	B	B	B	55 - 560316	CONOCO PHILLIPS COMPANY 1230 W WASHINGTON ST STE 2 TEMPE, AZ 85281	55	55	2	37	0	269		12/18/1996	M	07	X	N
Well Type: MONITOR OR PIEZOMETER																				
A	2.0	3.0	25	B	B	B	55 - 560314	CONOCO PHILLIPS COMPANY 1230 W WASHINGTON ST STE 2 TEMPE, AZ 85281	55	55	2	37	0	269		12/18/1996	M	07	X	N
Well Type: MONITOR OR PIEZOMETER																				
A	2.0	3.0	25	B	B	B	55 - 566223	CONOCO PHILLIPS COMPANY 1230 W WASHINGTON ST STE 2 TEMPE, AZ 85281	0	0	0	0	0	269	01/08/1998		M	07		
Cancelled: Y B/M/P:																				
Well Type: MONITOR																				
A	2.0	3.0	25	B	B	B	55 - 566222	CONOCO PHILLIPS COMPANY 1230 W WASHINGTON ST STE 2 TEMPE, AZ 85281	0	0	0	0	0	269	01/08/1998		M	07		
Cancelled: Y B/M/P:																				
Well Type: MONITOR																				
A	2.0	3.0	25	B	B	B	55 - 609431	SALT RIVER PROJECT, PO BOX 1980 PHOENIX, AZ 85001	250	250	18	52	1,232	0		08/20/1964	AB	07		
Well Type: NON-EXEMPT																				
A	2.0	3.0	25	B	B	B	55 - 560320	TOSCO CORPORATION PO BOX 52085 PHOENIX, AZ 85072	0	0	0	0	0	269			M	07	N	
Well Type: MONITOR OR PIEZOMETER																				
A	2.0	3.0	25	B	B	B	55 - 560313	TOSCO CORPORATION PO BOX 52085 PHOENIX, AZ 85072	55	55	2	37	0	269		12/18/1996	M	07	X	N
Well Type: MONITOR OR PIEZOMETER																				
A	2.0	3.0	25	B	B	B	55 - 548570	TOSCO CORPORATION PO BOX 52085 PHOENIX, AZ 85072	45	0	0	43	0	498		03/23/1995	N	07	X	N
Well Type: EXPLORATION																				



55-608433

Arizona Department of Water Resources  
Operations Division  
500 N. 3rd St.  
Phoenix, AZ 85004-3903

DWR AR22 - Nov 84  
Date Received: \_\_\_\_\_  
Received By : \_\_\_\_\_  
AMA : \_\_\_\_\_  
Date Routed to AMA: \_\_\_\_\_

RECEIVED  
JUL -5 2012  
ARIZONA DEPARTMENT  
OF WATER RESOURCES

MEASURING DEVICE MALFUNCTION REPORT FORM  
PART 1 - NOTIFICATION

INSTRUCTIONS

A.C.R.R. R12-15-905 Requires that a report must be made in writing to Department of Water Resources within (7) seven calendar days of Discovering that a water measuring device has malfunctioned, if the malfunction lasts 72 hours or longer.

Well Owner/Operator: SALT RIVER PROJECT

Address: P.O. Box 52025 Phoenix, AZ 85072-2025

Telephone Number: (602) 236-2612

Well Registration Number:  
55608433

SRP Coordinate Location: 19.0E-07.6N

SRP Pump Number: 116

Measuring Device Type: Flow Meter

Malfunctioned on: 6/26/2012

For the reason that: No mA signal

Should be back in service: 6/26/2012

Signed: Taylor Cas

Date: 6/26/12

# FLOWMETER CHANGEOUT REPAIR DATA SHEET

LOCATION 19E-7.6W

YEAR 2012

CHARGE NUMBER: W13-08044-15

## INSTALLED FLOWMETER:

Date Installed: 6/26/12

Manufacture: WS

Serial No.: 20010681-6

Size: 6"

Flowmeter install read: 192260

14158

Flowmeter to be installed in SRP pipeline or CITY pipeline

Type of flowmeter: Saddle Vertical or High Pressure or Mag Meter

## REMOVED FLOWMETER:

Date Removed: 6/26/12

Manufacture: WS

Serial No.: 999500-6

Size: 6"

Flowmeter removed read: 078097

Date Installed: 3/28/07

Groundwater Clearance Number: N/A

13836

Reason for flowmeter removal:

No mA reading

## REPAIR REPORT:

What was found? \_\_\_\_\_

Repairs required: \_\_\_\_\_

## DATA ENTRY:

Flowmeter removed/installed by: TK

Date: 6/26/12

Flowmeter repair by: \_\_\_\_\_

Date: \_\_\_\_\_

Data entered by: Taylor CS

Date: 6/26/12

Sent to Water Accounting by Taylor CS  
Flowmeter sht

Date: 6/26/12

Arizona Department of Water Resources  
Operations Division  
500 N. 3rd St.  
Phoenix, AZ 85004-3903

DWR AR22 - Nov 84  
Date Received: \_\_\_\_\_  
Received By : \_\_\_\_\_  
AMA : \_\_\_\_\_  
Date Routed to AMA: \_\_\_\_\_

MEASURING DEVICE MALFUNCTION REPORT FORM  
PART1 - NOTIFICATION

INSTRUCTIONS

A.C.R.R. R12-15-905 Requires that a report must be made in writing to Department of Water Resources within (7) seven calendar days of Discovering that a water measuring device has malfunctioned, if the malfunction lasts 72 hours or longer.

Well Owner/Operator: SALT RIVER PROJECT

Address: P.O. Box 52025 Phoenix, AZ 85072-2025

Telephone Number: (602) 236-2612

Well Registration Number: 55608433

SRP Coordinate Location: 19.0E-07.6N

SRP Pump Number: 116

Measuring Device Type: Flow Meter

Malfunctioned on: 3/27/07

For the reason that: Water in lense

Should be back in service: 3/27/07

Signed: Taylor Combs

Date: 3-28-07

19E-7.6N

DEPARTMENT OF WATER RESOURCES  
99 EAST VIRGINIA AVENUE  
PHOENIX, ARIZONA 85004

REGISTRATION OF EXISTING WELLS

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING  
PRINT OR TYPE - FILE IN DUPLICATE

07

REGISTRATION FEE (CHECK ONE)	
EXEMPT WELL (NO CHARGE)	<input type="checkbox"/>
NON-EXEMPT WELL - \$10.00	<input checked="" type="checkbox"/>

ARIZONA  
DEPT OF  
WATER  
RESOURCES  
82 MAY 11 A3:23

FOR OFFICE USE ONLY	
REGISTRATION NO. 55-	608433
FILE NO.	A(2-4)300da
FILED	5/11/82 AT 3:23 (TIME)
INA	-
AMA	PHOENIX

- Name of Registrant: Salt River Project Agricultural Improvement and Power District  
P. O. Box 1980 Phoenix Arizona 85001  
(Address) (City) (State) (Zip)
- File and/or Control Number under previous groundwater law:  
A02004030A GSI 35- none  
(File Number) should be A02004030ACA (Control Number)
- a. The well is located within the NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  NE  $\frac{1}{4}$ , Section 30,  
of Township 2N N/S, Range 4E E/W, G & SRB & M, in the  
County of Maricopa.  
b. If in a subdivision: Name of subdivision \_\_\_\_\_  
Lot No. \_\_\_\_\_, Address \_\_\_\_\_
- The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)  
Irrigation and non-irrigation uses by SRP.
- If for irrigation use, number of acres irrigated from well SRP member lands
- Owner of land on which well is located. If same as Item 1, check this box   
Salt River Valley Water Users' Association  
P. O. Box 1980 Phoenix Arizona 85001  
(Address) (City) (State) (Zip)
- Well data (If data not available, write N/A)  
a. Depth of Well 150 feet  
b. Diameter of casing 12 inches  
c. Depth of casing 150 feet  
d. Type of casing 12 ga stove pipe  
e. Maximum pump capacity 500 gallons per minute.  
f. Depth to water 17 static (Jan. 1982) feet below land surface.  
g. Date well completed March 8 1921  
(Month) (Day) (Year)
- The place(s) of use of water. If same as Item 3, check this box   
 $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$ , Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
 $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$ , Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
SRP Member lands through distribution sytem.  
Attach additional sheet if necessary.
- DATE MAY 11 1982 SIGNATURE OF REGISTRANT Carl E. Fulk

SALT RIVER PROJECT AGRICULTURAL  
IMPROVEMENT AND POWER DISTRICT

## INSTRUCTIONS FOR COMPLETING REGISTRATION FORM

### General Instructions

1. A person who owns an "Existing Well" shall register the well, pursuant to A.R.S. 45-593, by filing this form in duplicate with the Department of Water Resources not later than midnight June 14, 1982. The form must be completed and signed. Failure to do so will constitute a violation of A.R.S. 45-593, and may subject the well owner to injunction and/or civil penalties, pursuant to A.R.S. Title 45, Article 12.
2. An "Existing Well" means, (1) a well which was drilled on or before June 12, 1980 and which is not abandoned or sealed, or (2) a well which was not completed on or before June 12, 1980, but for which a Notice of Intention to Drill was on file with the Arizona Water Commission on or before June 12, 1980.
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5. A "Non-Exempt Well" means a well that is not an "Exempt Well".

### INSTRUCTIONS FOR REGISTRATION QUESTIONS

1. The Registrant must be the owner of the well and may be an individual, public or private corporation, company, partnership, firm, association, society, estate, trust, any other private organization or enterprise, the United States, any state, territory or country or a governmental entity, political subdivision or municipal corporation organized under or subject to the constitution and laws of this State.
2. If you own an existing irrigation well drilled at any time, or any other type of well drilled on or after June 20, 1968, you should have an assigned control and/or file number. Write these numbers in item 2. If you do not know the number, please explain the reason on the form or on an attached sheet.
3.
  - a. Fill in the Section, Township and Range in all cases if it is available.
  - b. If the well is in a subdivision and you have this information, give the subdivision name, Lot Number, and Address.
4. Show all purposes for which the water is used.
5. If the well is used for irrigation, give the number of acres irrigated in 1980 from the well.
6. If the owner of the land is an individual, give the last name, first name, middle initial. If the owner of the land is a corporation, partnership, firm, etc., fill in the appropriate title.
7. Complete the section on Well Data with the most accurate information available to you. If the data is not available, write N/A in the blanks.
8. Give the legal description of the place of use of the water. If place of use is in a subdivision and legal description is not available, give the subdivision name, Lot Number and/or address on the blank line.
9. The person in whose name a well is registered shall notify the Department of any change in ownership and shall keep all information on the registration record current and accurate. A form entitled "Change of Well Information/Ownership" is available for this purpose. A blank form will be furnished with the returned duplicate copy of the registration form.

Salt River Project Agricultural  
 Improvement & Power District  
 P O Box 1980  
 Phoenix, Arizona 85001

STATE OF ARIZONA  
 DEPARTMENT OF WATER RESOURCES  
 WATER RIGHTS ADMINISTRATION  
 99 EAST VIRGINIA  
 PHOENIX, ARIZONA 85004

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55	608398
	THRU
55	608437

FUND SOURCE	ACCOUNT NO.			INT. ACCT.	ITEM DESCRIPTION	RATE	\$ AMOUNT
	AGENCY	CHAPTER	DIV.				
					Filing Fee for Registration of Existing Wells	10.00	400.00
					File No.:A(3-1)14 ddd		
					A(3-2)30 dad		
					A(3-2)30 ccc		
					A(3-2)30 baa		
					A(3-2)29 dda		
					Various		
					Check #059924	# 8484 A	12152

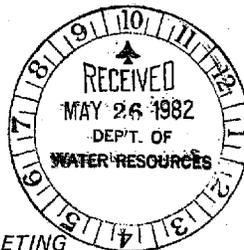
WRITER'S PAYMENT  
 GUESTS 40  
 CHK NO 59924  
 55-I 400.00  
 TAX 0.00  
**TOTL 400.00**  
 GEN.CHEK 400.00

May 26, 1982  
 sg

TOTAL \$ 400.00

18E-8.8N

DEPARTMENT OF WATER RESOURCES  
99 EAST VIRGINIA AVENUE  
PHOENIX, ARIZONA 85004



**REGISTRATION OF EXISTING WELLS**

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING  
PRINT OR TYPE - FILE IN DUPLICATE

07

REGISTRATION FEE (CHECK ONE)	
EXEMPT WELL (NO CHARGE)	<input type="checkbox"/>
NON-EXEMPT WELL - \$10.00	<input checked="" type="checkbox"/>

FOR OFFICE USE ONLY	
REGISTRATION NO. 55-617825	
FILE NO. A(2-3)24ada	
FILED 5-26-82 AT 10-	
(DATE)	(TIME)
INA	PKX
AMA	

- Name of Registrant: Salt River Project Agricultural Improvement and Power District  
P. O. Box 1980 Phoenix Arizona 85001  
(Address) (City) (State) (Zip)
- File and/or Control Number under previous groundwater law:  
35-  
(File Number) (Control Number)
- a. The well is located within the NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  NE  $\frac{1}{4}$ , Section 24,  
of Township 2N N/S, Range 3E E/W, G & SRB & M, in the  
County of Maricopa.  
b. If in a subdivision: Name of subdivision \_\_\_\_\_  
Lot No. \_\_\_\_\_, Address \_\_\_\_\_
- The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)  
Irrigation and non-irrigation uses by SRP
- If for irrigation use, number of acres irrigated from well SRP member lands
- Owner of land on which well is located. If same as Item 1, check this box   
\_\_\_\_\_  
(Address) (City) (State) (Zip)
- Well data (If data not available, write N/A)  
a. Depth of Well 417 feet  
b. Diameter of casing 20" to 362', 16" to 417' inches  
c. Depth of casing 417 feet  
d. Type of casing steel pipe with mills knife perforations  
e. Maximum pump capacity 1457 gallons per minute.  
f. Depth to water 37 static (Jan. 1982) feet below land surface.  
g. Date well completed 1945  
(Month) (Day) (Year)
- The place(s) of use of water. If same as Item 3, check this box   
SRP member lands through distribution system  
Attach additional sheet if necessary.
- DATE MAY 25 1982 SIGNATURE OF REGISTRANT Carl E. Park

SALT RIVER PROJECT AGRICULTURAL  
IMPROVEMENT AND POWER DISTRICT

## INSTRUCTIONS FOR COMPLETING REGISTRATION FORM

### General Instructions

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Salt River Project  
P. O. Box 1980  
Phoenix, AZ 85001

STATE OF ARIZONA  
DEPARTMENT OF WATER RESOURCES  
WATER RIGHTS ADMINISTRATION  
99 EAST VIRGINIA  
PHOENIX, ARIZONA 85004

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55	617781
	THRU
55	617830

ACCOUNT NO.				INT. ACCT.	ITEM DESCRIPTION	RATE	\$ AMOUNT
FUND SOURCE	AGENCY	CHAPTER	DIV.				
					Filing fees for fifty (50) registration of existing wells	10.00	500.00
File No.				File No.	File No.		
A(13-25) 24 dbb				A(13-26) 7 dbd	A(13-27) 21 acc		
A(13-27) 21 dbb				A(13-26) 18 cbb	A(13-27) 22 dbb		
A(13-27) 17 cac				A(13-29) 5baa	A(1-1) 36aad		
A(13-27) 9 bca				A(13-28) 3 ddb	A(2-1) 10da		
A(13-27) 17 dbb				A(13-26) 7ac	A(3-1) 36ddd		
A(13-27) 15 bdc				A(13-26) 8 bcc	A(3-2) 18aac		
A(13-29) 9 bdd				A(13-26) 18cad	A(3-2) 18aad		
A(14-29) 38 bbb				A(13-26) 18aaa	D(1-6) 17 dcc		
A(13-20) 3acc				A(13-26) 24 cad	A(3-2) 26dcb		
A(13-29) 6pad				A(14-29) 33 bbb	A(2-3) 17bbb		
A(13-29) 10 bdd				A(13-28) 12 bdc	A(2-3) 24ada		
A(13-27) 9cca				A(13-28) 11bdc	D(1-4) 9bdc		
A(13-27) 22 dbb				A(13-29) 6aac	D(1-4) 10cad		
A(13-26) 17 bdd				A(13-29) 5bba	D(1-4) 36bb		
A(13-26) 8cbb				A(13-29) 3aba	A(2-4) 12bdd		
A(13-29) 1cc6				A(13-27) 15bdd	A(1-4) 1aba		
TOTAL							

WRITER PAYMENT  
GUESTS 50  
CHK NO 60942  
508 10.00  
55-1 500.00  
TAX 0.00  
TOTAL 500.00  
GEN.CHEK 500.00

\$ # 1340 R 13:24- 500.00

CHECK NO. 060942

8-18-82 vf



**REGISTRATION OF EXISTING WELLS**

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING  
PRINT OR TYPE - FILE IN DUPLICATE

07

REGISTRATION FEE (CHECK ONE)  
EXEMPT WELL (NO CHARGE)   
NON-EXEMPT WELL - \$10.00

FOR OFFICE USE ONLY  
REGISTRATION NO. 55- 617849  
FILE NO. A(2-3)36aaa  
FILED 5-26-82 AT 10-  
(DATE) (TIME)  
INA phx  
AMA

- Name of Registrant:  
Salt River Project Agricultural Improvement and Power District  
P. O. Box 1980 Phoenix Arizona 85001  
(Address) (City) (State) (Zip)
- File and/or Control Number under previous groundwater law:  
A02003036AAAGS1 35- None  
(File Number) (Control Number)
- a. The well is located within the NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  NE  $\frac{1}{4}$ , Section 36,  
of Township 2N N/S, Range 3E E/W, G & SRB & M, in the  
County of Maricopa.  
b. If in a subdivision: Name of subdivision \_\_\_\_\_  
Lot No. \_\_\_\_\_, Address \_\_\_\_\_
- The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)  
Irrigation and non-irrigation uses by SRP
- If for irrigation use, number of acres irrigated from well SRP member lands
- Owner of land on which well is located. If same as Item 1, check this box   
Salt River Valley Water Users' Association  
P. O. Box 1980 Phoenix Arizona 85001  
(Address) (City) (State) (Zip)
- Well data (If data not available, write N/A)  
a. Depth of Well 305 feet  
b. Diameter of casing 18 inches  
c. Depth of casing 305 feet  
d. Type of casing 3/8 wall steel pipe with louvered perforations  
e. Maximum pump capacity 954 gallons per minute.  
f. Depth to water 22 static (Jan, 1982) feet below land surface.  
g. Date well completed July 16 1971  
(Month) (Day) (Year)
- The place(s) of use of water. If same as Item 3, check this box   
SRP member lands through distribution system  
Attach additional sheet if necessary.
- DATE MAY 25 1982 SIGNATURE OF REGISTRANT Carl Sabin

## INSTRUCTIONS FOR COMPLETING REGISTRATION FORM

### General Instructions

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Salt River Project  
P. O. Box 1980  
Phoenix, Arizona 85001

STATE OF ARIZONA  
DEPARTMENT OF WATER RESOURCES  
WATER RIGHTS ADMINISTRATION  
99 EAST VIRGINIA  
PHOENIX, ARIZONA 85004

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55	617831
	THRU
55	617870

ACCOUNT NO.				INT. ACCT.	ITEM DESCRIPTION	RATE	\$ AMOUNT
FUND SOURCE	AGENCY	CHAPTER	DIV.				
					Forty (40) filing fees for registration of existing wells	\$10.00	400.00
A(1-6)	21	bcc		A(1-5)35baa	D(1-5)8acc		
D(2-5)	4	add		D(1-5) 32cab	D(1-4)11bcc		
D(1-5)	22	ccc		D(1-5) ccc	D(1-4)12acc		
D(1-5)	3	ccc		D(1-2)3cdd	D(1-4)14ccc		
D(1-5)	9	dbb		D(2-3)36aaa	D(1-4)22bcc		
D(1-5)	19	ccc		A(2-2)25bcd	A(1-6) 32cca		
A(1-5)	19	bdd		D(1-3)6caa	A(1-6)7abb		
D(1-5)	21	bdc		D(1-4)3bbb	D(1-6)7ddc		
D(1-5)	29	dbe		D(1-4)3cdd	A(1-6)30aba		
A(1-5)	33	cdd		D(1-4)10bdd	A(1-6)32bba		
A(1-5)	16	ccd		D(1-5)7add	A(1-6)8ccd		
A(1-5)	17	aaa		D(1-4)24aaa	A(1-6)17acc		
A(2-4)	11	dcc		A(2-3)25daa			
A(2-4)	11	aad		A(1-5)2cdd			
TOTAL						\$	400.00

WRITER PAYMENT  
GUESTS 40  
CHK NO 60941  
400 10.00  
55-1 400.00  
TAX 0.00  
**TOTL** 400.00  
GEN.CHEK 400.00

# 1628 A 13:50  
**\$ 400.00**

Check No. 060941  
8-25-82 vf

55-617857

Arizona Department of Water Resources  
Operations Division  
500 N. 3rd St.  
Phoenix, AZ 85004-3903

DWR AR22 - Nov 84  
Date Received: \_\_\_\_\_  
Received By : \_\_\_\_\_  
AMA : \_\_\_\_\_  
Date Routed to AMA: \_\_\_\_\_

MEASURING DEVICE MALFUNCTION REPORT FORM  
PART 1 - NOTIFICATION

RECEIVED  
JUL -5 2012  
ARIZONA DEPARTMENT  
OF WATER RESOURCES

INSTRUCTIONS

A.C.R.R. R12-15-905 Requires that a report must be made in writing to Department of Water Resources within (7) seven calendar days of Discovering that a water measuring device has malfunctioned, if the malfunction lasts 72 hours or longer.

Well Owner/Operator: SALT RIVER PROJECT

Address: P.O. Box 52025 Phoenix, AZ 85072-2025

Telephone Number: (602) 236-2612

Well Registration Number:  
55617857

SRP Coordinate Location: 17.9E-07.5N

SRP Pump Number: 112

Measuring Device Type: Flow Meter

Malfunctioned on: 6/4/2012

For the reason that: New discharge pipe

Should be back in service: 6/4/2012

Signed: *[Signature]*

Date: 6/22/12

# FLOWMETER CHANGEOUT REPAIR DATA SHEET

LOCATION 17.9E-7.5N

YEAR 2012

CHARGE NUMBER: W13-58094-15

## INSTALLED FLOWMETER:

Date Installed: 6-5-12

Manufacture: WS

Serial No.: 9032084-10"

Size: 10

Flowmeter install read: 176648

11378

Flowmeter to be installed in SRP pipeline or CITY pipeline

Type of flowmeter: Saddle Vertical or High Pressure or Mag Meter

## REMOVED FLOWMETER:

Date Removed: 6-4-12

Manufacture: WS

Serial No.: 20021743

Size: 10"

Flowmeter removed read: 556

Date Installed: 5/21/03

Groundwater Clearance Number: \_\_\_\_\_

14224

Reason for flowmeter removal:

New discharge pipe, years of use.

## REPAIR REPORT:

What was found? \_\_\_\_\_

Repairs required: \_\_\_\_\_

## DATA ENTRY:

Flowmeter removed/installed by: TK

Date: 6-4-12

Flowmeter repair by: \_\_\_\_\_

Date: \_\_\_\_\_

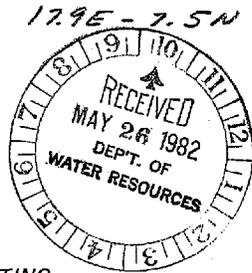
Data entered by: Jaylor Cox

Date: 6-22-12

Sent to Water Accounting by Jaylor Cox

Date: 6-22-12

Flowmeter sht



**REGISTRATION OF EXISTING WELLS**

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING  
PRINT OR TYPE - FILE IN DUPLICATE

REGISTRATION FEE (CHECK ONE)

EXEMPT WELL (NO CHARGE)

NON-EXEMPT WELL - \$10.00

07

FOR OFFICE USE ONLY

REGISTRATION NO. 617857

FILE NO. A(2-3)25 daa

FILED 5-26-82 AT 10 (TIME)

INA PLX

AMA

- Name of Registrant:  
Salt River Project Agricultural Improvement and Power District  
P. O. Box 1980 Phoenix Arizona 85001  
(Address) (City) (State) (Zip)
  - File and/or Control Number under previous groundwater law:  
A02003025DAAGS1 35  
(File Number) (Control Number)
  - a. The well is located within the NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  SE  $\frac{1}{4}$ , Section 25,  
of Township 2N N/S, Range 3E E/W, G & SRB & M, in the  
County of Maricopa.  
b. If in a subdivision: Name of subdivision \_\_\_\_\_  
Lot No. \_\_\_\_\_, Address \_\_\_\_\_
  - The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)  
Irrigation and non-irrigation uses by SRP
  - If for irrigation use, number of acres irrigated from well SRP member lands
  - Owner of land on which well is located. If same as Item 1, check this box   
\_\_\_\_\_  
(Address) (City) (State) (Zip)
  - Well data (If data not available, write N/A)
    - Depth of Well 300 feet
    - Diameter of casing 18 inches
    - Depth of casing 300 feet
    - Type of casing 5/16 wall steel pipe
    - Maximum pump capacity 1114 gallons per minute.
    - Depth to water 24 static (Jan. 1982) feet below land surface.
    - Date well completed May 4 1965  
(Month) (Day) (Year)
  - The place(s) of use of water. If same as Item 3, check this box   
 $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$ , Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
 $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$ , Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_  
SRP member lands through distribution system
- Attach additional sheet if necessary.  
MAY 25 1982
9. DATE \_\_\_\_\_ SIGNATURE OF REGISTRANT Carl E. Parker

## INSTRUCTIONS FOR COMPLETING REGISTRATION FORM

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7. Complete the section on Well Data with the most accurate information available to you. If the data is not available, write N/A in the blanks.
8. Give the legal description of the place of use of the water. If place of use is in a subdivision and legal description is not available, give the subdivision name, Lot Number and/or address on the blank line.
9. The person in whose name a well is registered shall notify the Department of any change in ownership and shall keep all information on the registration record current and accurate. A form entitled "Change of Well Information/Ownership" is available for this purpose. A blank form will be furnished with the returned duplicate copy of the registration form.

Salt River Project  
P. O. Box 1980  
Phoenix, Arizona 85001

STATE OF ARIZONA  
DEPARTMENT OF WATER RESOURCES  
WATER RIGHTS ADMINISTRATION  
99 EAST VIRGINIA  
PHOENIX, ARIZONA 85004

RECEIPT

KIND ENTRY	FILE REFERENCE NO.
55	617831
	THRU
55	617870

FUND SOURCE	ACCOUNT NO.			INT. ACCT.	ITEM DESCRIPTION	RATE	\$ AMOUNT
	AGENCY	CHAPTER	DIV.				
					Forty (40) filing fees for registration of existing wells	\$10.00	400.00
A(1-6) 21bcc				A(1-5) 35baa	D(1-5) 8acc		
D(2-5) 4add				D(1-5) 32cab	D(1-4) 11bcc		
D(1-5) 22ccc				D(1-5) ccc	D(1-4) 12acc		
D(1-5) 3qcc				D(1-2) 3cdd	D(1-4) 14ccc		
D(1-5) 9qbb				D(2-3) 36aaa	D(1-4) 22bcc		
D(1-5) 19ccc				A(2-2) 25bcd	A(1-6) 32cca		
A(1-5) 19bdd				D(1-3) 6caa	A(1-6) 7abb		
D(1-5) 21 bdc				D(1-4) 3bbb	D(1-6) 7ddc		
D(1-5) 29abc				D(1-4) 3cdd	A(1-6) 30aba		
A(1-5) 33cdd				D(1-4) 10bdd	A(1-6) 32bba		
A(1-5) 16qcd				D(1-5) 7add	A(1-6) 8ccd		
A(1-5) 17aaa				D(1-4) 24aaa	A(1-6) 17acc		
A(2-4) 11dcc				A(2-3) 25daa			
A(2-4) 11aad				A(1-5) 2cdd			
TOTAL						\$	400.00

# 1628 A 13:50  
400 10.00  
55-I 400.00  
TAX 0.00  
TOTAL 400.00  
GEN. CHEK 400.00

Check No. 060941  
8-25-82 vf





**STATE OF ARIZONA**  
**STATE LAND DEPARTMENT**  
**STATE OFFICE BUILDING - PHOENIX, ARIZONA**

**OFFICE COPY**

SECTION	TOWNSHIP	RANGE

RIND ENTRY	LEASE - REFERENCE NO.

ACCOUNT NO.		CARRYING CAPACITY OR STATIC WATER LEVEL	SEE OTHER SIDE FOR CODE DESCRIPTION			BILLING DESCRIPTION	RATE	ACRES	\$	AMOUNT
GRANT FUND	REV		LAND CODE	CROP CODE	WATER CODE					
					File					

CERTIFICATE OF PURCHASE UNPAID BALANCE	\$	
--	----	--

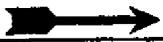
BILLING PERIOD		
FROM	TO	
MO. DAY YR.	MO. DAY YR.	

DATE BILLED	MO.	DAY	YR.

DATE DUE	MO.	DAY	YR.

TOTAL ACRES	
-------------	--

TOTAL AMOUNT	\$	
--------------	----	--

**IF PAYMENT IS MADE ON OR BEFORE THIS DATE**  **PAY THIS AMOUNT**

SEE OTHER SIDE FOR LAW PERTAINING TO PENALTY AND INTEREST - A. R. S. SEC. 37-288.  
 RENTAL AMOUNT SUBJECT TO PENALTY AND INTEREST IF NOT PAID ON OR BEFORE DATE DUE ( \$ )

PENALTY AND INTEREST	DISTRIBUTION
	\$

5% PENALTY OF RENTAL AMOUNT	\$		
TOTAL RENTAL AMOUNT PLUS PENALTY	\$		
10% INTEREST PER ANNUM OF RENTAL AMOUNT AND PENALTY - NUMBER OF DAYS DELINQUENT ( )	\$		
TOTAL AMOUNT DUE INCLUDING PENALTY AND INTEREST	\$		
CASH RECEIVED	\$		
BALANCE DUE OR OVERPAYMENT	\$		

17.9E-7.5N

According to our records this report was furnished to your office in May, 1965 --  
If you do not locate, please forms and we will furnish duplicates.



JACK WILLIAMS  
GOVERNOR

Arizona  
State Land Department

1824 WEST ADAMS  
PHOENIX, ARIZONA 85007  
602 - 271-4634

WATER RESOURCE OPERATIONS  
R. Juetten, Supv.



ANDREW L. BETTWEY  
STATE LAND COMMISSIONER

May 6, 1974

Salt River Valley Water Users' Assoc. Re: Application for Permit to  
P. O. Box 1980 Drill for Well S-791  
Phoenix, AZ 85001 File # A(2-3)25 daa  
Dated 2-16-65

Gentlemen:

The State Land Department, Water Rights Division is engaged in the processes of bringing its well files up to date.

Arizona Revised Statutes 45-306, 45-307, and 45-313 deal with Applications for Permit to Construct Irrigation Well, Filing of Log by Driller, Failure or Refusal to File Reports on Notices and Penalty.

Critical information included in these statutes requires that:

1. A well must be completed within one year of filing (in case of failure to complete a well within one year a new Application for Permit to Construct Irrigation Well may be filed);
2. Upon completion of drilling, a copy of the log, and other pertinent data shall be filed by the driller with the State Land Department; and
3. A person who fails or refuses to make any of these reports, give the notices required, or cooperate with the Department, is guilty of a misdemeanor and subject to a fine.

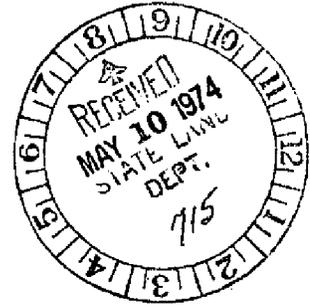
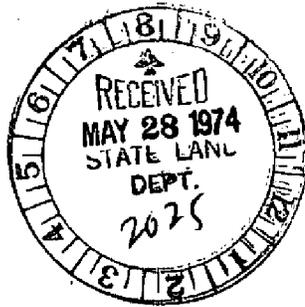
In the event the referenced well has been completed, please forward log, and other pertinent completion data to this Department within 30 days.

If no response is forthcoming, we will be compelled to assume that the well is not complete and the related file retired as cancelled.

Yours very truly,

*Andrew L. Bettwey*

**NOTE:** We usually receive the Report of Equipment Report covering the wells but not the Driller's report. That is the report we must have to complete  
5-73 your files. Water Division





JACK WILLIAMS  
GOVERNOR

Arizona  
State Land Department

1624 WEST ADAMS  
PHOENIX, ARIZONA 85007  
602 - 271-4634



ANDREW L. BETTWEY  
STATE LAND COMMISSIONER

May 6, 1974

**Salt River Valley Water Users' Assoc.** Re: Application for Permit to  
**P. O. Box 1980** Drill for Well **S-791**  
**Phoenix, AZ 85001** File # **A(2-3)25 daa**  
Dated **2-16-65**

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If no response is forthcoming, we will be compelled to assume that the well is not complete and the related file retired as cancelled.

Yours very truly,

*Andrew L. Bettwey*

# STATE LAND DEPARTMENT

OBED M. LASSEN  
STATE LAND COMMISSIONER  
PHONE 271-4621

STATE OF ARIZONA  
STATE OFFICE BUILDING  
PHOENIX 7, ARIZONA



February 16, 1965

Salt River Valley Water Users' Association  
P. O. Box 1980  
Phoenix, Arizona 85001

Re: File No. A(2-3)25 daa  
Application No. S-791  
Permit No. S-774

Attention: Mr. A. L. Monette, Secretary

Gentlemen:

Your application for a permit to drill a well in Twp. 2 North , Rge. 3 East ,  
Section 25 , NE ¼ NE ¼ SE ¼ has been approved. Your permit is enclosed.

Also enclosed are a:

WELL DRILLING CARD, which should be in the hands of the driller  
before construction of the well is started;

REPORT OF WELL DRILLER form, which shall be filled in and  
sent to us within thirty days after completion of the well;

REPORT OF EQUIPMENT INSTALLED form, which shall be filled  
in and sent to us within thirty days after the installation of the  
pumping equipment.

In the event it is necessary to change the location of the proposed well you should  
obtain the written permission of the State Land Commissioner before proceeding  
with the drilling.

Very truly yours,

WATER DIVISION

By:

F. C. Ryan, Supervisor  
kh

Enclosure: G-301  
G-304  
G-306  
cc: USGS, Tucson

Application No. S-791 File No. A(2-3)25 daa Permit No. S-774  
 Filed 2-16-65

(Applicant must not fill in the above blanks)

This application shall be submitted to the State Land Department, Water Division, Phoenix, Arizona, in accordance with the provisions of Article 7, Chapter 1, Title 45, Arizona Revised Statutes, and the rules and regulations of the State Land Department.

Applications must be accompanied by fees made payable to the STATE LAND DEPARTMENT as follows:

Application Fee ----- \$3.00  
 Permit Fee ----- \$5.00

OK  
 JCR  
 2-16-65

APPLICATION FOR A PERMIT

( ) TO DRILL )  
 ( ) TO DEEPEN ) AN IRRIGATION WELL IN A CRITICAL AREA  
 (X) TO REPLACE ) WITHIN THE STATE OF ARIZONA

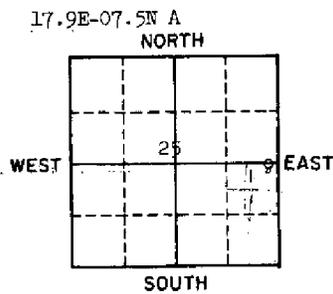
(X) (We), SALT RIVER VALLEY WATER USERS' ASSOCIATION  
 (Owners Name)  
 of P. O. Box 1980 85001 County of Maricopa  
 (Post Office Address)

State of Arizona, do hereby make application for a permit to

( ) Drill new well, ( ) Deepen or (X) Replace the following described well in the  
Salt River Valley Critical Area. a(2-3)25 daa

1. Location and description of proposed well:  
 Twp. 2N Rge. 3E Sec. 25; NE 1/4 NE 1/4 SE 1/4  
 (10 Ac. Subdiv.)  
 Dept. 300 ft. Type of casing Stovepipe  
 Proposed Withdrawal 1048  
 (Ac. ft. per year)  
 Name and Address of Driller:  
Roscoe Moss Co.  
Los Angeles, California

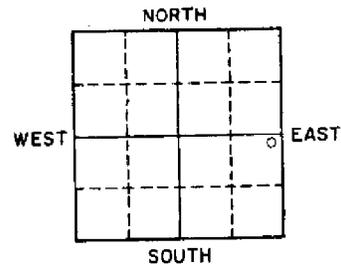
Location of Proposed Well



2. Location and description of existing well:  
 Twp. 2N Rge. 3E Sec. 25 NE 1/4 NE 1/4 SE 1/4  
 (10Ac. subdiv.)  
 Dept. 165' Diameter 12 in.  
 Date drilled: 10/4/1920  
 Driving Unit 15 Electric H. P.  
 Rating of Motor 15  
 Discharge when Drilled 370  
 (g. p. m.)  
 Present Discharge 370  
 (g. p. m.)  
 Static Water Level 40.5 ft.  
 (below ground surface)  
 Depth of Pump Setting 110'  
 Pumping Lift 65.0 ft.

(Indicate location of well)

18.0E-07.5N A  
 Location of Existing Well



3. Reason new well required Supplement water supply.

4. Land to be irrigated: Land within Association boundaries.

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ Sec. \_\_\_\_\_

(Legal Subdivision Description)

(Acres)

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ Sec. \_\_\_\_\_

(Legal Subdivision Description)

(Acres)

5. Above described land is now irrigated as follows: \_\_\_\_\_

Project canals and wells.

6. Record of cultivation and irrigation of land described herein: \_\_\_\_\_

All lands within Project under cultivation prior 1948.

7. It is understood that the permit, if granted, will be in accordance with the Groundwater Code of 1948, and the Permittee will be bound by the provisions of such law, and the provisions of the permit issued herefor.

CERTIFICATE

8. K(We), Salt River Valley Water Users' Association the applicant named in the above and foregoing application, do hereby certify under the penalty of perjury, that the information contained and statements therein made are to the best of my knowledge and belief true, correct and complete.

DATED THIS 11th day of February, 19 65.

SALT RIVER VALLEY WATER USERS' ASSOCIATION

(Owner or his authorized agent)

P. O. Box 1980, Phoenix, Arizona 85001

(Post Office Address)

BY

A. L. Monette  
A. L. Monette, Secretary



0029

17.9E-07.5'N A

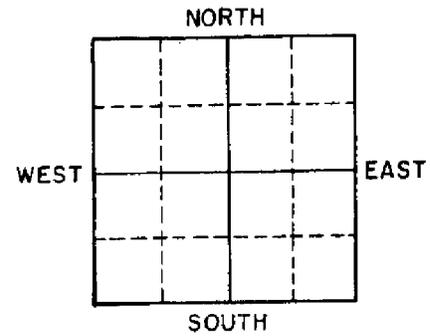
IMPORTANT

PLEASE COMPLETE & RETURN TO THIS OFFICE

STATE LAND DEPARTMENT  
Water Division  
Phoenix 7, Arizona

Location of Well

File No. A(2-3)25 daa



(Indicate Well Location by a circle "o" in the above Section Plat)

REPORT OF EQUIPMENT INSTALLED  
Salt River Valley Water Users' Association  
Phoenix, Arizona

OWNER

LOCATION OF WELL:

NE 1/4 NE 1/4 SE 1/4, Sec. 25 Twp. 2N Rge. 3E

Date Well Completed: May, 1965 Depth 300

1. Well Test:

Discharge: 1130 Date Well Tested: 8/13/65  
(Gal. Per Min.)

Method of Discharge Measurement: Pitot  
(weir, orifice, current meter, etc.)

Static Water Level: 29.3 ft. Drawdown 69.8 ft.

Total Pumping Lift 99.1 ft.

2. Equipment Installed:

Kind of Pump: Turbine  
(turbine, centrifugal, etc.)

Kind of Power: Electric H. P. Rating of Motor 40  
(Elec., Nat. Gas, Etc.)

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

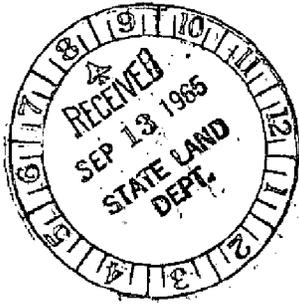
SALT RIVER VALLEY WATER USERS' ASSOCIATION

A. L. Monette  
Signature A. L. Monette, Secty.

Date Sept. 9, 19 65

P. O. Box 1980, Phoenix, Arizona  
Address

85975



Faint, illegible text, possibly a header or title.

Faint text fragment.



**SALT RIVER PROJECT**

P.O. BOX 1980  
PHOENIX, ARIZONA 85001

VICTOR I. CORBELL, PRESIDENT  
FLOYD N. SMITH, VICE-PRESIDENT

A. L. MONETTE, SECRETARY  
K. J. KNAUER, TREASURER

February 15, 1965

Mr. F. C. Ryan  
State Land Department  
Water Division  
Phoenix, Arizona 85007

Dear Mr. Ryan:

Enclosed is our check for \$8.00 for the filing and permit fee to cover application to replace one of our irrigation wells in the NE NE SE, Section 25, T-2N, R-3E.

This in conformance with the attached Form No. G-303-1M-12-56.

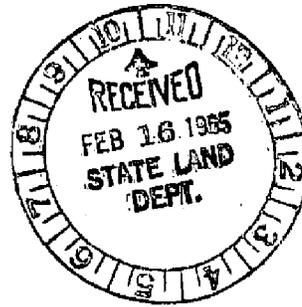
Very truly yours,

SALT RIVER VALLEY  
WATER USERS' ASSOCIATION

  
H. J. Roth  
Assistant Secretary

HJR:mb  
Enclosure

5200



Application No. S-791 File No. A(2-3)25 daa Permit No. S-774

PERMIT

TO DRILL (Replace) AN IRRIGATION WELL IN A CRITICAL AREA WITHIN THE STATE OF ARIZONA

SALT RIVER VALLEY WATER USERS' ASSOCIATION - P. O. Box 1980 - Phoenix, Arizona

STATE OF ARIZONA }
County of MARICOPA } ss.

This is to Certify that I have examined the above numbered application and do hereby approve the same and grant to the applicant a permit to DRILL (Replace) the well described therein, subject to the following limitations and conditions:

- 1. Water shall be limited to use on lands described as follows:

Legal Subdivision Acres

On all lands within the boundaries of the Salt River Project

Total Acres

( ) 2. No right is granted by this permit for the irrigation of lands which on September 1, 1951, were not irrigated, or had not been cultivated within five years prior thereto.

( x ) 3. The well for which permit is granted hereunder shall be completed and in operation within one year from the date hereof.

( ) 4. Other Limitations:

WITNESS my hand and seal of office this 16th day of February, 1965

SEAL Expires: 2-16-66

Deputy STATE LAND COMMISSIONER

**REGISTRATION OF WELL**

Registration of well existing as of Oct. 3, 1945 is hereby made and filed with the State Land Commissioner as required by Section 5, Chapter 12, Senate Bill No. 3, Seventeenth Legislature, First Special Session 1945.

1. Owner SALT RIVER VALLEY WATER USERS' ASSOCIATION  
Name  
Phoenix, Arizona  
Address
2. Lessee or Operator \_\_\_\_\_  
Name  
Address
3. Driller \_\_\_\_\_  
Name  
Address
4. Location of well: Twp. 2N Rge. 3E Section 25 NE 1/4 NE 1/4 SE 1/4  
18E-74N 10-acre subdivision

**DESCRIPTION OF WELL**

5. Total depth of hole 165 ft.
6. Type of casing stovepipe
7. Diameter and length of casing 12 in. from \_\_\_\_\_ to \_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_
8. Method of sealing at reduction points \_\_\_\_\_
9. Perforated from 40 to 144 from \_\_\_\_\_ to \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_
10. Size of cuts 1/2 x 4" holes Number cuts per foot 8 holes per foot
11. If screen was installed: Length \_\_\_\_\_ ft. Diam. \_\_\_\_\_ in. Type \_\_\_\_\_
12. Method of construction drilled  
drilled, dug, driven, bored, jetted, etc.
13. Date completed Nov. 8, 1920  
Month Year Deepened \_\_\_\_\_ Month Year
14. Depth to water when drilled \_\_\_\_\_ ft.  
If flowing well, so state.
15. Present depth to water 13.4 ft. Date of measurement December 19, 1945  
If flowing well, so state.
16. Describe point from which depth measurements were made, and give sea-level elevation if available pumphouse floor -- 1,194.4
17. If flowing well, state method of flow regulation \_\_\_\_\_

**DISCHARGE DATA**

18. Well discharge 370 g.p.m.  
gal. per min. or cu. ft. per sec. or meter's inches.
19. Method of discharge measurement weir  
weir, orifice, current meter, etc.
20. Drawdown 67.66 ft.
21. Annual discharge in acre-feet, or number of hours pumped: 1944 457 a.f. or \_\_\_\_\_ hrs. 1945 512 a.f. or \_\_\_\_\_ hrs.
22. Purpose of use irrigation
23. Place of use: Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ Section \_\_\_\_\_ Acres \_\_\_\_\_  
(See 24) Legal subdivision  
Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ Section \_\_\_\_\_ Acres \_\_\_\_\_  
Legal subdivision
24. If well is part of irrigation system of Irrigation District, Association or Company, omit 23 and give name of project.  
SALT RIVER VALLEY WATER USERS' ASSOCIATION  
Name of Project (A-2-3)25 daa

**EQUIPMENT DATA**

25. Kind of pump turbine  
turbine, centrifugal, etc.
26. Kind of power electric  
electric, natural gas, etc.
27. Horsepower rating of motor 15

DO NOT WRITE IN THIS SPACE	
<b>OFFICE RECORD</b>	
Received _____	by <u>lj</u>
Filed _____	by <u>lj</u>
File No. <u>(A-2-3)25 daa</u>	
Cross-referenced (Name) _____	by _____
Cross-referenced (Basin) _____	by _____
Cross-referenced _____	by _____



TEAR OFF ON THIS LINE AND DEPOSIT ABOVE CHECK. CHECK ATTACHED IS SENT YOU IN FULL SETTLEMENT OF THE FOLLOWING ACCOUNT.  
SALT RIVER VALLEY WATER USERS' ASSOCIATION

CHECK NUMBER 4286

	GROSS AMOUNT	DISCOUNT	NET AMOUNT
FEES FOR ONE WELL DRILLING APPLICATIONS AND 2 PERMITS			8.00

PLEASE CASH WITHIN 60 DAYS

ARIZONA DEPARTMENT OF WATER RESOURCES WELL REPORT

In Date: 05/01/2006

Ad	Town	Range	Sect	Q160	Q40	Q10	Reg No.	Registered Full Name & Address	Well Depth	Case Depth	Case Diameter	Water Level	Pump (GPM)	Most Recent		Reg Wtr	Use	shd	Log	CRI
														Auth. Issued: Lic No	Issue Date					
														Drill Date	Wtr					
	2.0	3.0	25	C	C	C	55 - 558214	CIRCLE K STORES 2857, 3003 N CENTRAL AVE PHOENIX, AZ 85013	53	33	4	37	0	175	07/11/1996	M	07	X	N	
Well Type: MONITOR OR PIEZOMETER																				
	2.0	3.0	25	C	C	C	55 - 558213	CIRCLE K STORES 2857, 3003 N CENTRAL AVE PHOENIX, AZ 85013	53	33	4	37	0	175	07/10/1996	M	07	X	N	
Well Type: MONITOR OR PIEZOMETER																				
	2.0	3.0	25	C	C	C	55 - 558212	CIRCLE K STORES 2857, 3003 N CENTRAL AVE PHOENIX, AZ 85013	53	23	4	37	0	175	07/11/1996	M	07	X	N	
Well Type: MONITOR OR PIEZOMETER																				
	2.0	3.0	25	C	C	C	55 - 554024	CIRCLE K STORES INC, 3003 N CENTRAL AVE PHOENIX, AZ 85013	0	0	0	0	0	175		M	07		N	
Well Type: MONITOR OR PIEZOMETER																				
	2.0	3.0	25	C	C	C	55 - 554022	CIRCLE K STORES INC, 3003 N CENTRAL AVE PHOENIX, AZ 85013	0	0	0	0	0	175		M	07		N	
Well Type: MONITOR OR PIEZOMETER																				
	2.0	3.0	25	C	C	C	55 - 554020	CIRCLE K STORES INC, 3003 N CENTRAL AVE PHOENIX, AZ 85013	0	0	0	0	0	175		M	07		N	
Well Type: MONITOR OR PIEZOMETER																				
	2.0	3.0	25	C	C	C	55 - 554018	CIRCLE K STORES INC, 3003 N CENTRAL AVE PHOENIX, AZ 85013	0	0	0	0	0	175		M	07		N	
Well Type: MONITOR OR PIEZOMETER																				
	2.0	3.0	25	C	C	C	55 - 550242	CIRCLE K CORP, 3003 N CENTRAL AVE PHOENIX, AZ 85013	0	0	0	0	0	175		M	07		N	
Well Type: MONITOR OR PIEZOMETER																				
	2.0	3.0	25	C	C	C	55 - 550240	CIRCLE K CORP, 3003 N CENTRAL AVE PHOENIX, AZ 85013	57	27	4	40	0	175	07/31/1995	M	07	X	N	
Well Type: MONITOR OR PIEZOMETER																				
	2.0	3.0	25	C	C	C	55 - 550239	CIRCLE K CORP, 3003 N CENTRAL AVE PHOENIX, AZ 85013	59	29	4	40	0	175	07/28/1995	M	07	X	N	
Well Type: MONITOR OR PIEZOMETER																				
	2.0	3.0	25	C	C	C	55 - 550238	CIRCLE K CORP, 3003 N CENTRAL AVE PHOENIX, AZ 85013	58	28	7	40	0	175	07/27/1995	M	07	X	N	
Well Type: MONITOR OR PIEZOMETER																				
	2.0	3.0	25	D	A	A	55 - 617857	SALT RIVER PROJECT, PO BOX 1980 PHOENIX, AZ 85001	300	300	18	24	1,114	0	05/04/1965	A	07			
Well Type: NON-EXEMPT																				

**ARIZONA DEPARTMENT OF WATER RESOURCES  
GROUNDWATER MANAGEMENT SUPPORT SECTION  
MAIL TO: P.O. BOX 458, PHOENIX, ARIZONA 85001-0458  
For Information: Call Monica Ortiz at (602)417-2470**

RECEIVED  
AUG 24 1999

**REGISTRATION OF WELLS**

**READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE GROUNDWATER MGT  
PRINT (Blue or Black Ink) OR TYPE: FILE IN DUPLICATE**

PRIOR TO COMPLETING THIS SECTION, SEE GENERAL INSTRUCTION ON REVERSE SIDE OF FORM

FILING FEE FOR REGISTRATION: (check one)

EXEMPT WELL LATE REGISTRATION FEE \$10.00 \_\_\_\_\_

NON-EXEMPT WELL REGISTRATION FEE \$10.00 \_\_\_\_\_  
LATE FEE \$10.00 \_\_\_\_\_

TOTAL \$20.00 X

FOR DEPARTMENT USE ONLY

REGISTRATION NO. 55- 867925  
FILE No. A(2-3)24 DBC  
FILED 8-24-99 By gm  
(Date)

INA \_\_\_\_\_  
AMA Phoenix  
WS 07 SB 04

Gm W-XX

- Name of Well Owner: LARRY THEATER Telephone: 602-955-7854  
4315 N. 36TH ST PHX AZ 85018  
Mailing Address City State Zip
  - File and/or Control Number under previous groundwater law: \_\_\_\_\_ Control Number: 35- \_\_\_\_\_
  - County Assessor's Parcel ID. Information: Book: 170 File No. \_\_\_\_\_ Map: 26 Parcel: 023A Control No. \_\_\_\_\_
  - The well is located within the SW 1/4 NW 1/4 SE 1/4. Section 24 Township 2N N/S Range 3E E/W  
10 Acre 40 Acre 160 Acre  
in the County of Maricopa (The above description is required for processing, see 5. under "Information" on reverse side)
  - Is the wellsite within 100 feet of a septic tank system, sewer, disposal area, landfill, hazardous materials or petroleum storage area & tanks?  
Yes \_\_\_\_\_ No X Domestic
  - The principal use(s) of water: Domestic (Examples: irrigation, stockwater, domestic, municipal, industrial)
  - If for irrigation use, number of acres irrigated from well: 1/3 Acres
  - Owner of land on which well is located. If same as Item 1, please check X
- Name \_\_\_\_\_ Telephone No. \_\_\_\_\_  
Mailing Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_
- Well data:
    - Depth of well 34 feet b. Depth to water: 24 feet below land surface
    - Type of casing(s) installed: X steel \_\_\_\_\_ PVC \_\_\_\_\_ other \_\_\_\_\_
    - Casing diameter(s): 4 inch to a depth of \_\_\_\_\_ feet. \_\_\_\_\_ inch to a depth of \_\_\_\_\_ feet
    - Maximum pump capacity: \_\_\_\_\_ gallons per minute NO PUMP
    - Date well completed: BEFORE 1980 (required for processing see #7 under "Instructions" on reverse side)  
(Month) (Day) (Year)
  - The place(s) of use of water. If same as Item 3, please check X.  
\_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4. Section \_\_\_\_\_ Township \_\_\_\_\_ N/S Range \_\_\_\_\_ E/W  
10 Acre 40 Acre 160 Acre

I STATE THAT THIS REGISTRATION IS COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT I UNDERSTAND THE LIMITATIONS AND CONDITIONS SET FORTH ON THE REVERSE SIDE OF THIS FORM.

11. LARRY THEATER 12. [Signature] 13. 8-24-99  
TYPED OR PRINTED NAME SIGNATURE OF WELL OWNER DATE

**INSTRUCTIONS FOR COMPLETING REGISTRATION FORM**  
**GENERAL INSTRUCTIONS**

1. Pursuant to Arizona Revised Statute (A.R.S.) § 45-593(A), all known wells within the State of Arizona were to be registered with the Department of Water Resources no later than midnight, June 12, 1982. Accordingly, all wells that are discovered after that date must be registered with the Department. Use this form in lieu of a Notice of Intention to Drill form for all wells drilled after June 12, 1980.
2. An "existing well" must be registered with the Department. An "existing well" is a well which was drilled before June 12, 1980 and which is not abandoned or sealed or a well which was not completed on June 12, 1980 but for which a Notice of Intention to Drill was on file with the Arizona Water Commission on June 12, 1980.
3. A well drilled after June 12, 1980 without first filing a Notice Of Intention to Drill pursuant to A.R.S. § 45-596 or obtaining a well permit pursuant to A.R.S. § 45-599 must also be registered with the Department.
4. Pursuant to A.R.S. § 45-593(D), "within thirty days after a change of ownership of real property, the new owner shall notify the Director in writing of the existence of any open well or wells on the property which the new landowner has discovered. Thereafter, the owner shall report the existence of any open well on the property within ten days after the owner discovers the well."
5. An "Exempt Well" means a well having a pump with a maximum capacity of not more than 35 gallons per minute which is used to withdraw groundwater for a non-irrigation use, including the application of groundwater on less than two (2) acres of land to grow crops for sale or human consumption or for use as feed for livestock, range livestock or poultry. A "Non-Exempt Well" means a well that is not an "Exempt Well".
6. In accordance with A.A.C. R12-15-151(B)(4), a \$10 registration fee and a \$10 late fee is required for Non-Exempt wells. For Registration of exempt wells, only a \$10 late fee is required. Check the appropriate well type on the front of this form, submit the fee, and mail to P.O. Box 458, Phoenix, Arizona 85001-0458 or hand deliver to 500 North 3rd Street, Phoenix, Arizona.

**INFORMATION FOR REGISTRATION QUESTIONS**

1. This form must be filed in duplicate with original signatures on both copies.
2. The Registrant must be the owner of the well and may be an individual, public or private corporation, company, partnership, firm, association, society, estate, trust, any other private organization or enterprise, the United States, any state, territory or country or a governmental entity, political subdivision or municipal corporation organized under or subject to the constitution and laws of the State.
3. If you own any type of well drilled on or after June 20, 1968, or an existing irrigation well drilled prior to June 20, 1968, you should have an assigned control and/or file number. Write these numbers in item 2.
4. Provide the Assessor's I.D. Number. This information can be obtained from your recorded deed, or by contacting your county assessor's office.
5. Furnish complete well location to include the ¼ ¼ ¼ sections, Section Number, Township, and Range (**Required**). If this required information is not known, you may contact the Mapping Division of the County Assessor's Office in which the property is located.
6. If the owner of the land is an individual, give the last name, first name, middle initial. If the owner of the land is a corporation, partnership, firm, etc., **provide the appropriate title of person signing.**
7. Complete the section on Well Data (item 9) with the most accurate information available to you. If data for items (a) thru (f) is not available, write "unknown" in the appropriate blank. **For Item f, if the month and day are unknown, at least an approximate year the well was completed is required.**
8. Provide the legal description of where the water will be used.
9. The person in whose name a well is registered shall notify the Department of any change in ownership and shall keep all information on the registration record current and accurate. A form entitled "Change of Well Information/Ownership" is available for this purpose. A blank form will be furnished.

**ARIZONA DEPARTMENT OF WATER RESOURCES**

500 North Third Street, Phoenix, Arizona 85004

Telephone (602) 417-2450

Fax (602) 417-2401



September 30, 1999

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JANE DEE HULL  
Governor

RITA P. PEARSON  
Director

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LARRY THIER  
4315 N 36TH STREET  
PHOENIX AZ 85018

RE: Well Registration No. 55- 807925 File (location) No. A(2-3) 24 DBC

Dear Well Owner:

Enclosed is a copy of the Well Registration form recently submitted to this Department. Your cancelled check can serve as your receipt. The Registration Number assigned is referenced above.

Also enclosed is a blank Change of Well Information form. This form should be used for any **future** changes to this well, as follows:

- Change of ownership of the well; (lower half of form)
- CHANGE OF ADDRESS
- Change in well data, such as pump capacity
- CORRECTION of legal description as to location of the well
- Change of well driller, PRIOR to drilling the well
- Amending information previously filed

Please contact this office if further assistance or information is required.

Sincerely,

A handwritten signature in cursive script that reads "Gloria Moss".

Gloria Moss  
Groundwater Management Support Section

Enclosures