

POLICIES/PROCEDURES GUIDELINES

Services Offered (See Rate Schedule for current prices.)

WATER THROUGH SELF-SERVICE STANDPIPE DISTRIBUTION SYSTEM
WATER THROUGH PIPED / DELIVERED DISTRIBUTION SYSTEM

OTHER FEES THAT MAY APPLY:

NEW SERVICE
TRANSFER EXISTING SERVICE
BASE MONTHLY SERVICE FEE
LATE FEE
PIN CHANGE FEE
NSF CHECK; DISCONNECT; & RECONNECT FEES
METER INSTALLATION/REMOVAL FEE
ADDITIONAL KEYS / ACCESS CARDS
VIOLATION FEE
WELL CONNECTION REPAIR FEE

Methods of Payment:

District will accept a personal check, certified bank check, cashier's check, money order, cash payment, E-Check, VISA, MasterCard, Discover and American Express.

New Account Verification of Ownership:

Proof of property ownership is required prior to service being established. Only the legal property owner may establish an account. Non-owners requesting service must contact the owner of the property.

Water Bill Responsibility of Owner:

Fees are tied to the lot. In the event of an interruption in water service, due to non-payment; violation of policies; etc., water will not be accessed or delivered to the property until the total balance is paid in full. Land owner is ultimately responsible for any balance due by person or person(s) using that property's water service account. Failure to pay account may result in mechanics lien or other collection process.

Account Sharing:

Account sharing is not permitted. An account is needed for each property obtaining service from the District. Violation of this policy may result in immediate disconnection, associated violation and disconnect/reconnect fees, and possible termination of service.

Account Setup Procedures for Standpipe Customers:

Contact the District and provide the following required items in order to setup service as a Standpipe Customer; you will then be issued a set of keys and your login information:

- ✓ Proof of land ownership of the property in which water service is assigned and tied to.
- ✓ Picture ID
- ✓ Completed and signed New Service Agreement or Transfer Service Agreement.
- ✓ Payment of New Account Setup or Transfer Fee plus any balance, deposits, or other fees.

Account Setup Procedures for Delivery to Current Standpipe Customers:

Contact the District and provide the following required items in order to setup service as a Delivered Standpipe Customer; you will then be provided water delivered to your home:

- ✓ Must have a current account with District.
- ✓ Proof of land ownership of property water service is assigned and tied to; if not the landowner, written authorization from the landowner in which service is assigned or tied to is required.
- ✓ Picture ID
- ✓ Completed and signed New, Continuing, or Transfer Service Agreement, whichever is applicable.
- ✓ Payment of any balance, deposit, or other fees.
- ✓ District requires a minimum two-week timeframe for new delivery service to begin.

Account Setup Procedures for Piped Water Customers:

Contact the District and provide the following required items in order to setup service as a Piped Water Customer; you will then be provided water to your home:

- ✓ Proof of land ownership of the property in which water service is assigned and tied to.
- ✓ Picture ID
- ✓ Completed and signed New Service Agreement or Transfer Service Agreement.
- ✓ Payment of New Account Setup or Transfer Fee plus any balance, deposits, or other fees.
- ✓ District requires a maximum two-week timeframe for new service to be installed.

Water Billing Schedule:

Meters are read during the 1st week of each month.

Statements are generally mailed by the 15th of each month.

Payments are due upon receipt of statement.

All payments must be received on or before the 5th of the following month.

Payments received after the 5th of the following month will incur a late fee.

Past Due notices will be sent notifying of the disconnect date scheduled for the 5th of the next month.

All past due payments not received by the 5th of the following month will result in the interruption of service, without further notice.

Past Due Payments:

A Late Fee is assessed each month payment is not received in full by the 5th of the following month. Partial payments may incur late fees if account is not paid in full.

Payment Extension:

Any customer unable to pay their water bill in full due to financial hardship, may contact the District Administrator and request a repayment schedule. Any payment extension schedule must be kept or the customer account will revert back to the regular payment schedule and all disconnect procedures and charges will apply. Payment extensions do not waive the late fee; they only prevent disconnection, if kept.

Returned Check Policy:

A returned check fee on any check returned by the bank as unpaid, plus the original payment amount made to the District are charged to customer water account immediately. The account is then delinquent and applicable late charges and procedures listed apply.

Water Disconnect/Reconnect Schedule:

All payments and fees must be received in full prior to reconnecting water service.

Depending on availability of personnel, water service may not be reconnected for up to 48 hours following payment in full of all charges.

Multiple Accountholders:

A separate account is required for each property serviced by the District. Owners with multiple accounts are not in good standing unless all accounts are in good standing. If one account is disconnected, all will be disconnected and all accounts may then be subject to the disconnect/reconnect fees. Service will be restored once all charges to all accounts are paid in full.

Mechanic's Lien:

Failure to pay bill in full or establish an acceptable payment schedule may result in a Mechanic's Lien being placed on the property.

Violation Fees:

Violation of these policies or the sharing of accounts among separate parcels will result in immediate disconnection, without additional notice. Associated violation and disconnect/reconnect fees will apply, and must be paid, in full, prior to the restoration of service. Possible termination of service for repeat offenders.

Legal Fees:

All legal fees and associated court costs incurred by the District for account collection, reimbursement for tampering or damage, etc. are the sole responsibility of the customer. Legal costs and fees incurred by the District relating to lawsuits involving the District, their representatives, board, staff, contractors, or the former System Owner known as Maricopa Mountain Water Co., Inc. (MMWC), etc., must be paid by the customer if the District, or representative listed above, is the prevailing party. If the District, MMWC, or their representatives are the prevailing party, water service can be discontinued and not restored until all monies due the District are paid in full.

Liens and/or Judgements:

The District will disconnect and discontinue water service for non-payment of liens or judgements in favour of the District, their representatives, board, staff, contractors or the former water system owner, known as Maricopa Mountain Water Co., Inc. and their representatives, board, staff, contractors, etc. A notice letter will be sent 30 days prior to disconnect. Service will not be reconnected until all charges have been paid in full.

Part-time Resident Customers:

Customers may discontinue water service if they expect not to have use for water for any period of time, such as, extended period of absence. While away, a flat fee at the current monthly base rate will be incurred. The property owner is responsible for any water or other charges to their account while away. If customer requests for the meter to be disconnected/reconnected or the PIN changed, those fees will apply.

Meter Testing Fee:

Customer may request meter be tested to ensure it is functioning properly. If the meter is found to be functioning properly, a Fee plus the cost of the test will be charged to the customer's account. No Service Fee will be charged for testing if meter is found to be malfunctioning.

Tampering with District Property:

A minimum charge, plus costs, will be added to the customer's bill for any District property tampered with, vandalized, or broken by customer. Service may be disconnected and/or meter removed, at the discretion of the District, and all associated fees will apply. Tampering with any meter(s) will cause the District to immediately remove the meter(s) and charge the customer for water usage, disconnect and meter removal fees.

Damage to District Property:

Costs for any and all damage to District property by the customer, that exceeds the minimum, will be 100% reimbursed to the District. Costs will be determined by the District. All charges will be placed on customer's account and all payment schedule deadlines and charges apply.

Affixing Personal Property To District Property:

The District will not allow anyone to affix anything to District property.

Easements/Fencing:

Easements are established along property lines to allow the District and authorized companies to access the meter(s) and other District property. It is essential that utility easements remain open, per deeded title, to authorized personnel. No fences, gates or other obstructions are to be constructed within these easements. Weeds and debris are also to be kept clear so not to prevent safe access to the meter(s) and water lines.

Water Moratorium:

At various times during the year, i.e., excessive heat or if the District is experiencing problems with the well(s), the Board may find it necessary to institute a moratorium on water usage for the benefit of all customers in the District. During these times, water usage will be limited to personal residential use only. The term residential encompasses all interior household use of water as well as watering of livestock, plants and/or gardens. Residential use does not include irrigation or extensive agricultural use, per the terms of the Groundwater Management Act. Water use must conform to all provisions contained in the Groundwater Management Act and any other applicable statutes. Water is not to be used for filling swimming pools. If you have a swimming pool, you must call a water hauling service. Disregard for this policy is sufficient cause for refusal or immediate termination of water service, without additional prior notice.

Water Quality Standards:

Our water, at all sites, is chlorinated to protect against bacteria. We also monitor the water quality, according to EPA and ADEQ guidelines. A Consumer Confidence Report (CCR) is available annually that gives an update of the water quality. In the event our quality of water exceeds the Maximum Contaminant Levels (MCL); notices will be issued, according to EPA and ADEQ guidelines. If necessary, an alternative source for drinking water will be provided to active water users with an active water account.

Billing Questions:

Please use billing contact number on your monthly statement. If you reach our voicemail, leave a message. Your call will be returned as soon as possible.

Water Problems:

Please contact the emergency number on your monthly statement if you are experiencing water problems or if there is a problem at the sites. The District will work diligently to correct the problem as soon as possible.

Board Meetings:

- ✓ Regularly scheduled Board Meetings are held as posted at the office bulletin board.
- ✓ Meeting Agendas with location of meeting are posted at least 24 hours in advance of the meeting at the office bulletin board.
- ✓ Agendas and minutes are available upon request from the District.
- ✓ Participation in District board of director meetings and elections shall be subject to the Arizona open meeting law and domestic water improvement District laws.

These Policies and Procedures were originally adopted by the Board of the Maricopa Mountain Domestic Water Improvement District on November 02, 2014. The Maricopa Mountain Domestic Water Improvement District Board of Directors adopted a resolution approving these amended policies and procedures on June 28, 2019.



Maricopa Mountain Domestic Water Improvement District

727 North Amarillo Valley Road ♦ Maricopa AZ 85139 ♦ (520) 424-9646 ♦ Fax (480) 445-9931

admin@mmdwid.org ♦ <https://mmdwid.org/>



2023/2024 RATES AND FEES

Service Charges

| <u>Customer Type</u> | <u>Service Fee Per Month</u> | <u>Meter Size or Service</u> | <u>Setup New/Transferred Service</u> |
|--------------------------|------------------------------|------------------------------|--------------------------------------|
| 1 Self-Serve Standpipe | \$28.00 | Standpipe | \$1,000.00/\$125.00 + balance * |
| 2 Small Piped Connection | \$50.00 | ¾" – 1" | \$2,250.00/250.00 + balance ** |
| 3 Large Piped Connection | \$125.00 | 1" - 2" | \$2,750.00/350.00 + balance ** |

* Standpipe customers pay a one-time New Setup fee or Transfer Fee plus any account balance on existing account. New Account Setup Fee has a \$500 instant rebate.

** One-time fee applies to new piped water customers with/without new meter installation, plus any existing/previous balance.

Water Charges

| <u>Customer Type</u> | <u>Tier 1</u> | <u>Tier 2</u> | <u>Tier 3</u> |
|----------------------|--|---|--|
| 1. | <u>0 to 8,000 gallons</u> \$0.006 cents per gallon + | <u>8,001 to 15,000 gallons</u> \$0.012 cents per gallon + | <u>15,001 + gallons</u> \$0.015 cents per gallon + |
| 2. | <u>0 to 8,000 gallons</u> \$0.024 cents per gallon + | <u>8,001 to 12,000 gallons</u> \$0.055 cents per gallon + | <u>12,001 + gallons</u> \$0.22 cents per gallon + |
| 3. | <u>0 to 15,000 gallons</u> \$0.04 cents per gallon + | <u>15,001 to 25,000 gallons</u> \$0.06 cents per gallon + | <u>25,001 + gallons</u> \$0.065 cents per gallon + |

+ Plus, sales tax.

Other Charges for ALL customers:

| | |
|---|-------------------------------------|
| Disconnect/Reconnect Fee (Delinquent accounts) | \$150.00 |
| Late fee | \$30.00 |
| NSF Check fee | \$50.00 |
| Damage or tampering Fee | \$50.00 minimum (or Cost of repair) |
| Delinquent Deposit (Accounts delinquent more than twice per 12-month period may be assessed a deposit) | |
| Minimum Deposit: 100% of highest monthly bill in past 12 months (Up to 200%) | |
| 25% is Non-Refundable; 75% is Refundable after 12 months of timely payments. | |

Other Charges for Standpipe customers only:

| | |
|--|---|
| PIN Change Fee (Standpipe accounts) | \$35.00 |
| Deactivate RFID Card (Standpipe Customer requested) | \$10.00 ea. |
| Duplicate Keys (Standpipe accounts) | \$25.00 (each set plus sales tax) |
| Replacement Access RFID Card (Standpipe accounts) | \$25.00 plus sales tax |
| Policy Violation Fee (allowing unauthorized Standpipe access) | \$250.00 (each occurrence + Disconnect/Reconnect) |

Other Charges for Piped Connection customers only:

| | |
|---|--|
| Establish New Service (Piped Connection customers): | \$250.00/\$350.00 (Sm/Lg Meter previously installed) |
| Establish New Small Piped Service (Piped Customers): | \$2,250.00 (Meter not previously installed) |
| Establish New Large Piped Service (Piped Customers): | \$2,750.00 (Meter not previously installed) |
| Meter Removal (Delinquent Piped Connection customers only) | \$300.00 |
| Meter Re-read (Piped Connection customers only) | \$25.00 |
| Meter Test (Piped Connection customers only) | \$50.00 minimum (or Cost of Test) |

Rates effective July 1st, 2023.

Recurring Payment Authorization Form

If you would like to enjoy the convenience of automatic recurring billing, simply complete the Credit Card Information section below and sign the form. All requested information is required. Upon approval, we will automatically bill your credit card for the amount indicated and your total charges will appear on your monthly credit card statement. You may cancel this automatic billing authorization at any time by contacting us.

Customer Information (to be completed by merchant)

Customer/company _____
Contact name _____ **Account number** _____
Email address _____ **Phone** () - Ext: _____

Payment Information (to be completed by merchant)

I authorize Maricopa Mountain DWID to automatically bill the card listed below as specified:

Product/service description Monthly Service Fees, Water Usage Fees, & other fees.

Recurring amount _____

Frequency (check one) Once Daily Weekly Twice/month Monthly Quarterly

Start on _____ **End on:** (check one) _____ No end date
Month / Day / Year Month / Day / Year

Credit Card Information (to be completed by customer)

Card type MasterCard VISA Discover AMEX Other _____

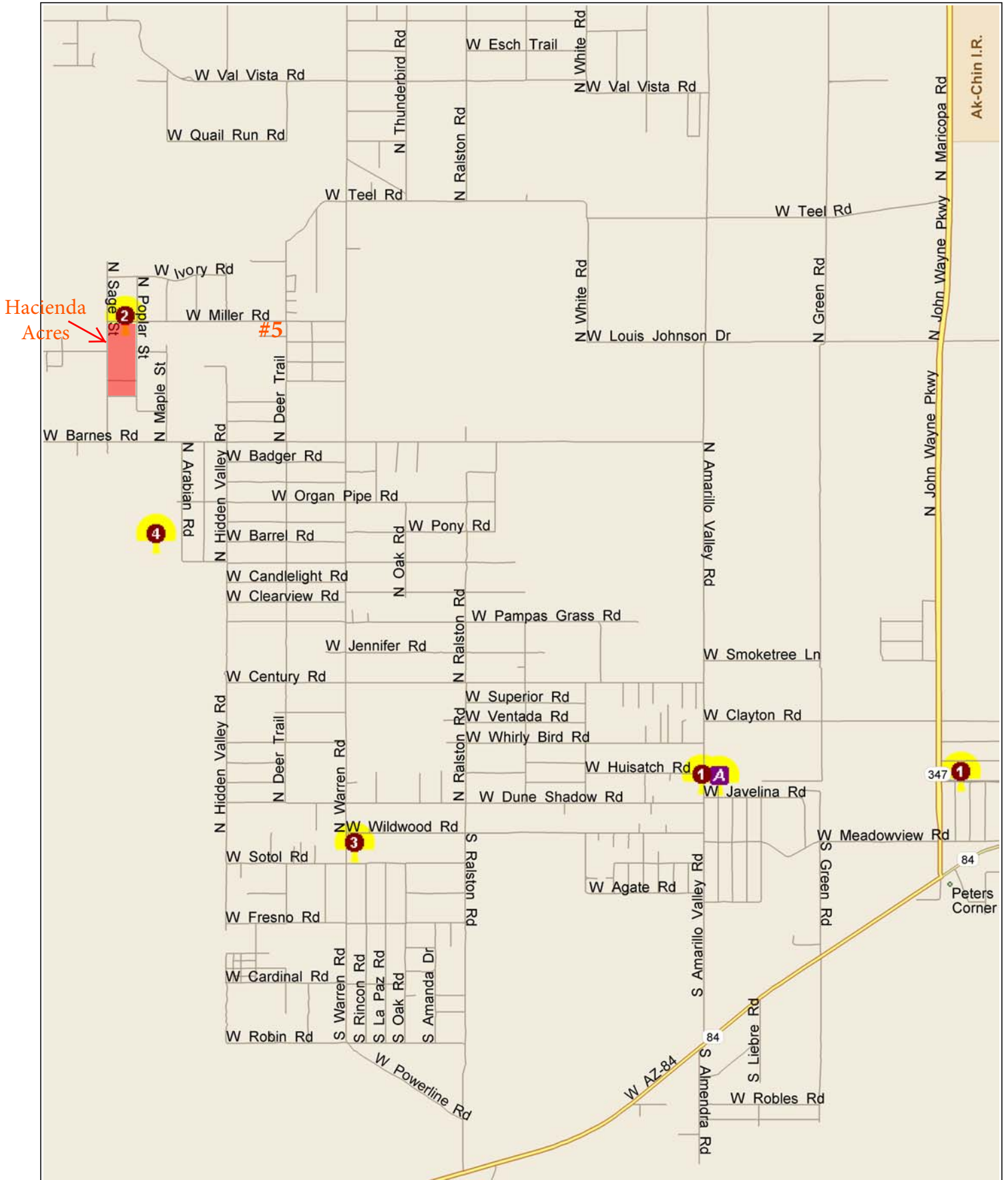
Cardholder name _____ **Cardholder ZIP Code** _____
(as shown on card) (from credit card billing address)

Card number _____ **Expires** _____ / _____

Notify me via email when my credit card is charged. (Make sure email address above is correct.)

Customer's signature _____ **Date** _____

Maricopa Mountain DWID Well Locations



- Office & 1A: 727 North Amarillo Valley Road
- 1: 44792 West Carefree Place
- 2: 55826 West Miller Road
- 3: 15 South Warren Road
- 4: 4098 North Arabian Road
- 5: SW corner of Miller Road & Deer Trail

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Maricopa Mountain Domestic Water Improvement District Consumer Confidence Report for Calendar Year 2022

Este informe contiene información muy importante sobre el agua usted bebe.
Tradúscalo ó hable con alguien que lo entienda bien.

| Public Water System ID Numbers | Public Water System Names | | |
|---|--|------------------|--|
| AZ04-11087; AZ04-11322; AZ04-11108 and AZ04-11301 | Maricopa Mountain DWID 1/American Realty & Mortgage; Maricopa Mountain DWID 2; Maricopa Mountain DWID 3; and Maricopa Mountain DWID 4. | | |
| Contact Name and Title | Phone Number | E-mail Address | |
| Nancy Criswell, Administrator | (520) 424-9646 | admin@mmdwid.org | |

We want our customers to be informed about their water quality. If you would like to learn more about what you can do to help protect your drinking water sources, any questions about the annual drinking water quality report or to attend any of our meetings, please contact Maricopa Mountain DWID (MMDWID) at (520) 424-9646 for additional opportunity and meeting dates and times.

Water System Information

Well #1 (System ID # 04-11087) & #2 (System ID # 04-11322), serves *POTABLE* water to the Hidden Valley area; and Well #3 (System ID # 04-11108) and #4 (No System ID #) serves *NON-POTABLE* water to the Hidden Valley area. The Hacienda Acres community is served by Well #1. **See map for all locations.**

All well sites are equipped with automatic chlorination systems to protect against bacteria. Additionally, Well #1 is equipped with an Arsenic Removal System (ARS). Both potable wells were tested according to Environmental Protection Agency (EPA) and Arizona State (ADEQ) drinking water health standards and guidelines. Both non-potable wells were also tested annually.

In 2022, we tested all wells for bacteria and other contaminants; bacteria test results were clear. Potable Well #2 exceeded the Nitrate trigger of 5.0 PPM; however, it did not exceed the MCL. We are now testing Well #2 quarterly for Nitrates. Potable Well #1, which supplies Fill-sites 1, 1A and Hacienda Acres, exceeded the MCL for nitrates. Well # 1 also has a history of exceeding the MCL for arsenic and is currently treated to remove the arsenic. We monitored Well #1 for both arsenic and nitrates quarterly. The media in the ARS and the two vessels were replaced in 2021. A new well was drilled at Site 1 that will resolve the nitrates and should be equipped this year. Until the quality issue is resolved with Well # 1, drinking water is offered free of charge to active water users.

We tested the *non-potable*, irrigation only wells for contaminants. Well #3 exceeds the MCL for Nitrates. Well #4, also *non-potable*, irrigation only, is not an ADEQ approved water source and was never issued a public well system number (PWS). Well #4 exceeded the MCL for Fluoride and Arsenic. For these reasons, the two non-potable wells, #3 and #4, are posted as “Irrigation Use Only”.

Your water source(s):

Your water comes from wells sunk into an underground source of water called an Aquifer. Well #1, currently in service, is 1000 feet deep. A replacement well for this site was drilled in 2020 to a depth of 1400 feet and is expected to be placed in service in 2023. This replacement well will resolve the nitrate issue at this location but will still require arsenic treatment. Well #2 has two wells; one is approximately 500 feet and is not in service (too shallow); the operational well is 1000 feet in depth. Well #3 also has two wells, one is not in service and is 455 feet (also too shallow); the other is in service at 800 feet. Well #4 is approximately 850 feet in depth. An additional well, #5, was drilled in 2020. This well was expected to be placed in service in 2024 to provide water to the Hacienda community and to supplement Well Site #2. This well will not produce enough to meet the demand; we are researching a solution to the shortage.

The MMDWID owns all the wells and the land they sit on, except for Well #4, this well is owned by MMDWID but is on leased land. MMDWID restricts any activity that could contaminate these wells and fill-sites. MMDWID was not provided water by nor was water purchased from another source. Hacienda Acres customers were provided water from Well #1, PWS # AZ04-11-087. See Tables I & II for details.

Drinking Water Sources

Sources of drinking water (both tap and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals, and in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Drinking Water Contaminants

Microbial Contaminants: Such as viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

Inorganic Contaminants: Such as salts and metals that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

Pesticides and Herbicides: Such as agriculture, urban storm water runoff, and residential uses that may come from a variety of sources.

Organic Chemical Contaminants: Such as synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and also may come from gas stations, urban storm water runoff, and septic systems.

Radioactive Contaminants: That can be naturally occurring or be the result of oil and gas production and mining activities.

Vulnerable Population

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. Some people may be more vulnerable to contaminants in drinking water than the general population.

Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV-AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers.

For more information about contaminants and potential health effects, or to receive a copy of the U.S. Environmental Protection Agency (EPA) and the U.S. Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and microbiological contaminants visit the EPA Safe Drinking Water website at www.epa.gov/sdwa.

Definitions

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Level 1 Assessment: A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria was present.

Level 2 Assessment: A very detailed study of the water system to identify potential problems and determine (if possible) why an *E. coli* MCL violation has occurred and/or why total coliform bacteria was present.

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment, or other requirements.

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health.

Maximum Residual Disinfectant Level (MRDL): The level of disinfectant added for water treatment that may not be exceeded at the consumer's tap.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of disinfectant added for treatment at which no known or anticipated adverse effect on health of persons would occur.

Minimum Reporting Limit (MRL): The smallest measured concentration of a substance that can be reliably measured by a given analytical method.

Millirems per year (MREM): A measure of radiation absorbed by the body.

Not Applicable (NA): Sampling was not completed by regulation or was not required.

Not Detected (ND or <): Not detectable at reporting limit.

Nephelometric Turbidity Units (NTU): A measure of water clarity.

Million fibers per liter (MFL)

Picocuries per liter (pCi/L): Measure of the radioactivity in water.

ppm: Parts per million or Milligrams per liter (mg/L)

ppb: Parts per billion or Micrograms per liter (µg/L)

ppt: Parts per trillion or Nanograms per liter (ng/L)

ppq: Parts per quadrillion or Picograms per liter (pg/L)

ppm x 1000 = ppb

ppb x 1000 = ppt

ppt x 1000 = ppq

Source Water Assessment

- Based on the information currently available on the hydrogeologic settings of and the adjacent land uses that are in the specified proximity of the drinking water source(s) of this public water system, the department has given a low risk designation for the degree to which this public water system drinking water source(s) are protected. A low risk designation indicates that most source water protection measures are either already implemented, or the hydrogeology is such that the source water protection measures will have little impact on protection.
- Further source water assessment documentation can be obtained by contacting ADEQ.

Health Effects Information:

Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. "High nitrate levels in drinking water can cause blue baby syndrome." Nitrate levels may rise quickly for short periods-of-time because of rainfall or agricultural activity. If you are caring for an infant, and detected nitrate levels are above 5 ppm, you should ask advice from your health care provider.

Fluoride in excess of the MCL over many years could cause bone disease, including pain and tenderness of the bones. Fluoride in drinking water at half the MCL or more may cause mottling of children's teeth, usually in children less than nine years old. Mottling, also known as dental fluorosis, may include brown staining and/or pitting of teeth, and occurs only in developing teeth before they erupt from the gums.

Arsenic is a mineral known to cause cancer in humans at high concentration and is linked to other health effects, such as skin damage and circulatory problems. If arsenic is less than or equal to the MCL, your drinking water meets EPA's standards. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water, and continues to research the health effects of low levels of arsenic.

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. If coliform is found, then the system is responsible to look for potential problems in water treatment or distribution. When this occurs, the water system is required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.

E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater health risk for infants, young children, the elderly, and people with severely compromised immune systems. If *E. coli* bacteria is found, the water system is required to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.

Possible health effects of arsenic in drinking water?

According to a 1999 study by the National Academy of Sciences, arsenic in drinking water may cause bladder, lung and skin cancer, and may cause kidney and liver cancer. The study also found that arsenic harms the central and peripheral nervous systems, as well as heart and blood vessels, and causes serious skin problems. It also may cause birth defects and reproductive problems.

Can I buy a filter that will remove arsenic from my water?

Yes. You should purchase filters certified by NSF International (1-800-NSF-MARK or <http://www.nsf.org>) to remove arsenic (such as water distillation systems). While such certification is not necessarily a guarantee of safety, it is better than no certification at all. It is critically important that all filters be maintained and replaced at least as often as recommended by the manufacturer; otherwise they might make the problem worse.

I drink bottled water -- do I have to worry about arsenic?

Bottled water is not necessarily any safer than tap water. Often, it is nothing more than tap water that may or may not have been filtered. For more on bottled water, see <http://www.nrdc.org/water/drinking/nbw.asp> for the NRDC's 1999 report Bottled Water: Pure Drink or Pure Hype?

Lead, in drinking water, is primarily from materials and components associated with service lines and home plumbing. If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Maricopa Mountain DWID 1 & 2 is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking (capture this water for your houseplants). If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at www.epa.gov/safewater/lead.

Water Conservation Tips, Facts and Resources:

| | |
|--------------------------|---|
| Facts | <ul style="list-style-type: none"> According to the EPA, the average household loses more than 10,000 gallons of water each year through leaks. That's the same amount of water needed to wash 280 loads of laundry, take 600 showers or meet the average family's water needs for a month. Some water leaks are slow and difficult to detect, yet they add up quickly. A leaking toilet can waste over 6,000 gallons of water per month; that adds up to as much as 72,000 gallons per year. |
| Money-Saving Tips | <ul style="list-style-type: none"> Check your water hauling equipment for leaks and repair as needed. See Equipment Resources below. Perform a dye test to detect a leaky toilet: <ul style="list-style-type: none"> Lift the tank cover. Place a few drops of food coloring into the tank. Wait 15 minutes. DO NOT USE THE TOILET DURING THIS TEST. If the color appears in the toilet bowl, you have a leak. Replace your toilet flapper every 3-5 years, as they are prone to warping and leaking. |
| Resources: | <ul style="list-style-type: none"> Smart Home Water Guide – www.SmartHomeWaterGuide.org http://www.arizonawaterawareness.com/ Arizona Desert Landscape guides - http://www.AMWUA.org/landscape For additional water conservation information, visit www.azwater.gov/conservation Standpipe Equipment Resources: (Water tanks, hoses, fittings) <ul style="list-style-type: none"> AG Spray Equipment in Tempe (480) 705-8047 NAPA in Stanfield (520) 424-3321 Grainger in Tempe (800) 472-4643 |

Water Quality Data

Unless otherwise indicated, the tables list all of the contaminants that we detected in the water during the 2022 calendar year. The presence of contaminants in the water does not necessarily indicate the water poses a health risk. The State of Arizona and the EPA requires monitoring for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year, or the system is not considered vulnerable to this type of contamination.

Table I: *Potable* Fill-Site Water Quality Data: System ID #'s AZ04-11-087 and AZ04-11-322

| | | | Maricopa Mountain DWID 1 (MMDWID1) Site 1: Hwy 347 & Carefree Place Site 1A: 727 N Amarillo Valley Rd Hacienda Acres (PWS AZ04-11301) PWS # AZ04-11-087 | | | Maricopa Mountain DWID 2 (MMDWID2) Site 2: Miller Rd & Sage St PWS # AZ04-11-322 | | | |
|---|---------------|---------------|--|--|--|---|--|--|---|
| Microbiological | MCL | MCLG | Violation Y or N | Number of Samples Present <u>OR</u> Highest Level Detected | Absent (A) or Present (P) <u>OR</u> Range of All Samples (L-H) | Violation Y or N | Number of Samples Present <u>OR</u> Highest Level Detected | Absent (A) or Present (P) <u>OR</u> Range of All Samples (L-H) | Likely Source of Contamination |
| Total Coliform Bacteria (System takes 1 monthly samples per site) | 0 | 0 | N | 0 | A | N | 0 | A | Naturally Present in Environment |
| Disinfectants | MCL | MCLG | Violation Y or N | Running Annual Average (RAA) | Range of All Samples (L-H) | Violation Y or N | Running Annual Average (RAA) | Range of All Samples (L-H) | Likely Source of Contamination |
| Chlorine (ppm) | MRDL L = 4 | MRDL G = 4 | N | 1.16 | 0.52 – 1.75 | N | 1.42 | 0.06 – 1.95 | Water additive used to control microbes |

| Disinfection By-Products | MCL | MCLG | Violation Y or N | Running Annual Average (RAA) OR Highest Level Detected | Range of All Samples (L-H) | Violation Y or N | Running Annual Average (RAA) OR Highest Level Detected | Range of All Samples (L-H) | Likely Source of Contamination |
|--|----------|-----------|------------------|---|----------------------------|------------------|---|----------------------------|--|
| Haloacetic Acids (ppb) (HAA5) 2020 Data: MMDWID1 2021 Data: MMDWID2 | 60 | n/a | N | <2 | <2 | N | <2 | <2 | Byproduct of drinking water disinfection |
| Total Trihalomethanes (ppb) (TTHM) 2022 Data: MMDWID1 2021 Data: MMDWID2 | 80 | n/a | N | 6.5 | 6.5 | N | 1.6 | 1.6 | Byproduct of drinking water disinfection |
| Lead & Copper | AL | ALG | Violation Y or N | 90 th Percentile AND Number of Samples Over the AL | Range of All Samples (L-H) | Violation Y or N | 90 th Percentile AND Number of Samples Over the AL | Range of All Samples (L-H) | Likely Source of Contamination |
| Copper (ppm) 2021 Data | AL = 1.3 | ALG = 1.3 | N | 90 th Percentile = 0.01 | <0.00-0.0019 | N | 90 th Percentile = 0.009 | <0.00-0.011 | Corrosion of household plumbing; erosion of natural deposits |
| Lead (ppb) 2021 Data | AL = 15 | 0 | N | 90 th Percentile = <5.0 | ND | N | 90 th Percentile = <5.0 | ND | Corrosion of household plumbing. |
| Radionuclides | MCL | MCLG | Violation Y or N | Running Annual Average (RAA) OR Highest Level Detected | Range of All Samples (L-H) | Violation Y or N | Running Annual Average (RAA) OR Highest Level Detected | Range of All Samples (L-H) | Likely Source of Contamination |
| Combined Radium 226 & 228 (pCi/L) 2021 Data: MMDWID1 2018 Data: MMDWID2 | 5 | 0 | N | <1.0 | <1.0 | N | <0.4 | <0.4 | Erosion of natural deposits |
| Combined Uranium (UG/L) 2018 Data: MMDWID1 | 30 | | N | 20 | 20 | | | | Erosion of natural deposits |
| Alpha emitters Excl Radon (pCi/L) 2021 Data: MMDWID1 2018 Data: MMDWID2 | 15 | 0 | N | <3.0 | <3.0 | N | 14 | 14 | Erosion of natural deposits |
| Inorganic Chemicals (IOC) | MCL | MCLG | Violation Y or N | Running Annual Average (RAA) OR Highest Level Detected | Range of All Samples (L-H) | Violation Y or N | Running Annual Average (RAA) OR Highest Level Detected | Range of All Samples (L-H) | Likely Source of Contamination |
| Arsenic (ppb) 2022 Data: MMDWID1&2 | 10 | 0 | N | <0.01 | <0.01 | N | 7.3 | 7.3 | Erosion of natural deposits, runoff from orchards, runoff from glass and electronics production wastes |
| Barium (ppm) 2021 Data: MMDWID1&2 | 2 | 2 | N | .022 | .022 | N | 0.084 | 0.084 | Discharge of drilling wastes; discharge from metal refineries; Erosion of natural deposits |
| Chromium (ppb) 2021 Data: MMDWID1&2 | 100 | 100 | N | ND | ND | N | 8.0 | 8.0 | Discharge from steel and pulp mills; Erosion of natural deposits |

| | | | | | | | | | |
|---|----|----|---|------|-------------|---|------|-----------|---|
| Fluoride (ppm) 2021 Data: MMDWID1&2 | 4 | 4 | N | 3.0 | 3.0 | N | 0.84 | 0.81-0.86 | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| Nitrate (ppm) 2022 Data: MMDWID1&2 | 10 | 10 | Y | 14.8 | 12.2 – 16.9 | N | 5.1 | 5.0 - 5.2 | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits |
| Sodium (ppm) 2021 Data: MMDWID1&2 | | | N | 210 | 210 | N | 83 | 83 | Erosion of natural deposits |

Table II: Potable Hacienda Acres / American Realty & Mortgage Water Quality Data: System ID #'s AZ04-11-301

| <p style="text-align: center;">American Realty & Mortgage (Hacienda Acres)</p> <p style="text-align: center;">Hacienda Acres (PWS AZ04-11301) Water provided from MMDWID 1 PWS # AZ04-11-087</p> | | | | | | |
|--|--------------|---------------|---------------------|--|--|--|
| Microbiological | MCL | MCLG | Violation Y or N | Number of Samples Present <u>OR</u> Highest Level Detected | Absent (A) or Present (P) <u>OR</u> Range of All Samples (L-H) | Likely Source of Contamination |
| Total Coliform Bacteria (System takes 1 monthly sample) | 0 | 0 | N | 0 | A | Naturally Present in Environment |
| Disinfectants | MCL | MCLG | Violation Y or N | Running Annual Average (RAA) | Range of All Samples (L-H) | Likely Source of Contamination |
| Chlorine (ppm) | MRD L = 4 | MRDL G = 4 | N | 0.764545 | 0.2 – 1.57 | Water additive used to control microbes |
| Disinfection By-Products | MCL | MCLG | Violation Y or N | Running Annual Average (RAA) <u>OR</u> Highest Level Detected | Range of All Samples (L-H) | Likely Source of Contamination |
| Haloacetic Acids (ppb) (HAA5) 2021 Data: ARMC | 60 | n/a | N | <2 | <2 | Byproduct of drinking water disinfection |
| Total Trihalomethanes (ppb) (TTHM) 2021 Data: ARMC | 80 | n/a | N | 0.5 | 0.5 | Byproduct of drinking water disinfection |
| Lead & Copper | AL | ALG | Violation Y or N | 90 th Percentile <u>AND</u> Number of Samples Over the AL | Range of All Samples (L-H) | Likely Source of Contamination |
| Copper (ppm) 2021 Data: ARMC | AL = 1.3 | ALG = 1.3 | N | 90 th Percentile = 0.03 | 0.0064-0.032 | Corrosion of household plumbing; erosion of natural deposits |
| Lead (ppb) 2021 Data: ARMC | AL = 15 | 0 | N | 90 th Percentile = <5.0 | ND | Corrosion of household plumbing. |
| Radionuclides | MCL | MCLG | Violation Y or N | Running Annual Average (RAA) <u>OR</u> Highest Level Detected | Range of All Samples (L-H) | Likely Source of Contamination |

| | | | | | | |
|---|------------|-------------|-------------------------|---|-----------------------------------|---|
| Alpha emitters Excl Radon (pCi/L) 2021 Data: ARMC | 15 | 0 | N | 3.6 | 3.6 | Erosion of natural deposits |
| Inorganic Chemicals (IOC) | MCL | MCLG | Violation Y or N | Running Annual Average (RAA) OR Highest Level Detected | Range of All Samples (L-H) | Likely Source of Contamination |
| Arsenic (ppb) 2022 Data: MMDWID1 | 10 | 0 | Y | <0.01 | <0.01 | Erosion of natural deposits, runoff from orchards, runoff from glass and electronics production wastes |
| Barium (ppm) 2021 Data: MMDWID1 | 2 | 2 | N | .022 | .022 | Discharge of drilling wastes; discharge from metal refineries; Erosion of natural deposits |
| Fluoride (ppm) 2021 Data: MMDWID1 | 4 | 4 | N | 3.0 | 3.0 | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| Nitrate (ppm) 2021 Data: MMDWID1 | 10 | 10 | Y | 14.8 | 12.2 – 16.9 | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits |

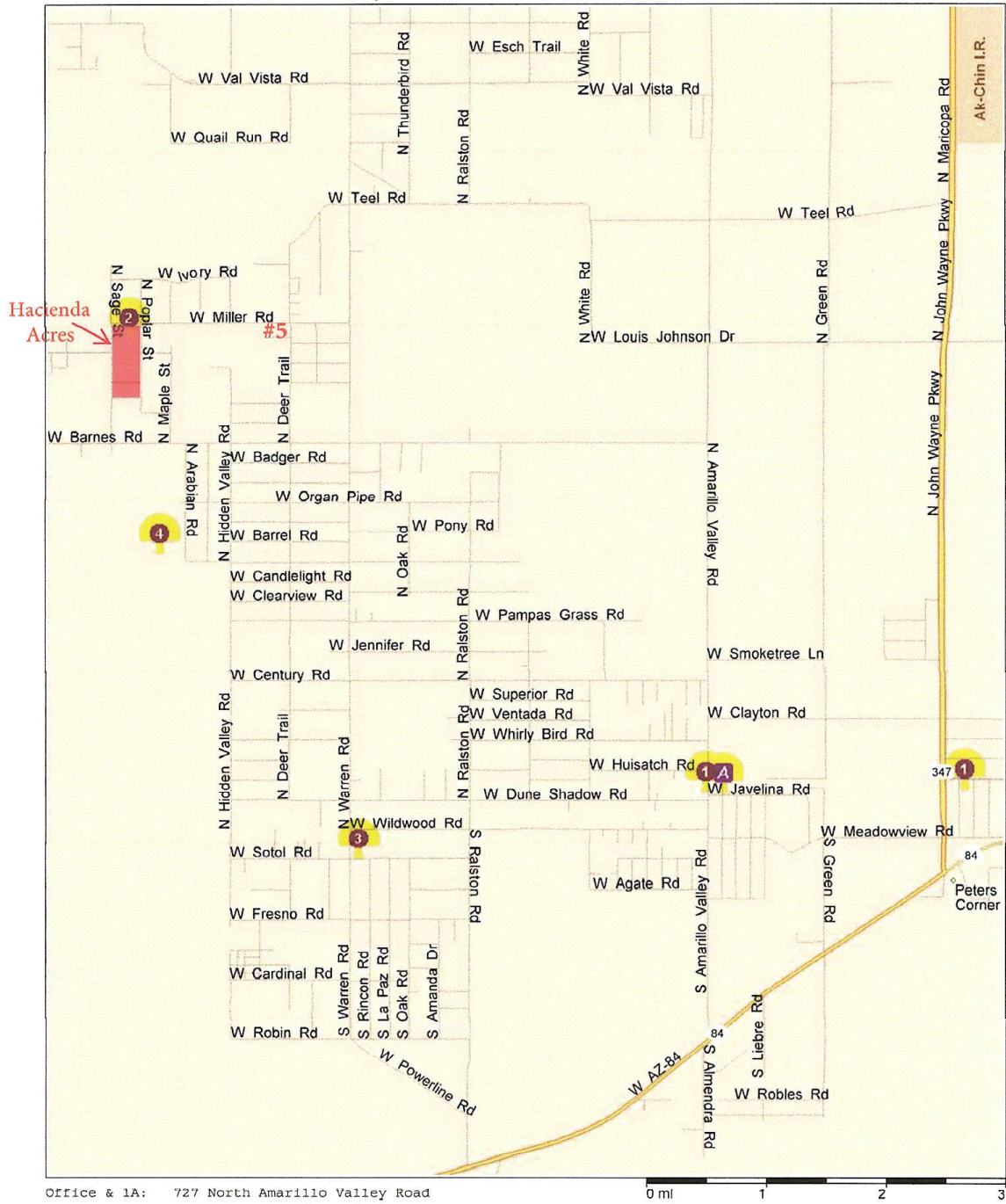
Table III: *Non-Potable, Irrigation Use Only* Fill-Site Water Quality Data: System ID #'s AZ04-11-108; Well 4 (No PWS #) and AZ04-11-301 (thru 1st half of 2019).

| | | | | | | | | | |
|---|------------|-------------|---|--|--|---|--|--|---|
| | | | Maricopa Mountain DWID 3 Site 3: Wildwood & Warren Road PWS # AZ04-11-108 <u>NON-POTABLE</u> | | | Maricopa Mountain DWID 4 Site 4: Arabian Rd., South of Organ Pipe Rd. No PWS # - Reported under PWS #AZ04-11-301 prior to 2020 <u>NOT an ADEQ APPROVED WELL</u> <u>NON-POTABLE</u> | | | |
| Microbiological (System takes 1 annual sample) | MCL | MCLG | Exceeds MCL Y or N | Number of Samples Present OR Highest Level Detected | Absent (A) or Present (P) OR Range of All Samples (L-H) | Exceeds MCL Y or N | Number of Samples Present OR Highest Level Detected | Absent (A) or Present (P) OR Range of All Samples (L-H) | Likely Source of Contamination |
| Total Coliform Bacteria | 0 | 0 | N | 0 | A | N | 0 | A | Naturally Present in Environment |
| Inorganic Chemicals (IOC) | MCL | MCLG | Exceeds MCL Y or N | Running Annual Average (RAA) OR Highest Level | Range of All Samples (L-H) | Exceeds MCL Y or N | Running Annual Average (RAA) OR Highest Level | Range of All Samples (L-H) | Likely Source of Contamination |
| Arsenic (ppb) 2022 Data: MMDWID3 2022 Data: MMDWID4 | 10 | 0 | N | 3.8 | 3.8 | Y | 28 | 28 | Erosion of natural deposits, runoff from orchards, runoff from glass and electronics production wastes |
| Fluoride (ppm) 2022 Data: MMDWID3 2022 Data: MMDWID4 | 4 | 4 | N | 3.26 | 3.26 | Y | 8.87 | 8.87 | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| Nitrate (ppm) 2022 Data: MMDWID3 2022 Data: MMDWID4 | 10 | 10 | Y | 13.3 | 13.3 | N | 8.01 | 8.01 | Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits |

Violation Summary &/or ADEQ Consent Orders

| Type / Description | Compliance Period | Corrective Actions taken by PWS |
|--|--|---|
| Well # 1, System ID # AZ04-11-087, exceeded the MCL for nitrates. This well is operating under an ADEQ Consent Order to correct the problem and monitors quarterly for Nitrates. | Violation ongoing Nov. 2018 – present. | Obtained funding and the engineering to replace the well. An alternative drinking water source is offered until the new well is operational. New well is expected in 2023 We monitor quarterly. |
| We sampled for contaminants and notified you, our drinking water consumers timely, however we failed to send our certification of posting to ADEQ in a timely manner, which resulted in a violation. | July 24, 2022 | The certification of distribution was submitted to ADEQ, although it was sent late. |

Maricopa Mountain DWID Well Locations



- Office & 1A: 727 North Amantillo Valley Road
 1: 44792 West Carefree Place
 2: 55826 West Miller Road
 3: 15 South Warren Road
 4: 4098 North Arabian Road
 5: SW corner of Miller Road & Deer Trail