



Janet Napolitano
Governor

ORIGINAL
ARIZONA DEPARTMENT
OF
ENVIRONMENTAL QUALITY

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0000073297



Stephen A. Owens
Director

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May 21, 2007

Jakes Corner Water System
Attn: Kacy Parker
HC 6 Box 1048 L
Payson, Arizona 85541

W-04249A-04-0249
W-03745A-04-0249

Re: Inspection of Jakes Corner Water System, Public Water System 04-029, on April 27, 2007, ICE Inspection # 102929

Dear Mr. Parker:

The Water Quality Field Services Unit (WQFSU) of the Arizona Department of Environmental Quality (ADEQ) has enclosed an inspection report regarding the inspection conducted at the above referenced water system on April 27, 2007. The inspection was conducted to determine compliance with Arizona Revised Statutes (A.R.S.) Title 49, Chapter 2, Article 9 and with Arizona Administrative Code (A.A.C.) Title 18, Chapter 4, and pursuant to the authority in A.A.C. R18-4-118.

The Information Summary includes a report summary, facility description and inspection observations. Please review the Information Summary which addresses the operation and maintenance status and the certified operator status of the referenced water system. No ADEQ action will result from this inspection.

If you need any other information or help, please feel free to contact me at (800) 234-5677 ext. 771-7667.

Sincerely,

Patrick Finton
Environmental Engineering Specialist
Water Quality Field Services Unit

Arizona Corporation Commission

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MAY 22 2007

DOCKETED BY

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MAY 22 P 2:51
AZ CORP COMMISSION
DOCKET CONTROL

cc: Nancy Moreno, Jakes Corner Water System, HC 6 Box 1048 L, Payson, AZ 85541
Tony V, Jakes Corner Water System, HC 6 Box 1048 L, Payson, AZ 85541
Kim Batista, ACC
Brian Bozzo, ACC
Gila County Health Department

Northern Regional Office
1801 West Route 66 • Suite 117 • Flagstaff, AZ
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ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
 WATER QUALITY DIVISION - WATER QUALITY COMPLIANCE SECTION
 FIELD SERVICES UNIT
 1110 W. Washington, Phoenix, AZ 85007

INFORMATION SUMMARY - WATER

Facility: Jakes Corner Water System	System No: 04-029
Inspected By: Patrick Finton, Environ Engr. Spec.	Inspection Date: April 27, 2007
Previous Inspection: December 21, 1988	Time Arrived: 10 am
Accompanied By: Nancy Moreno, Contact Tony V, Contact	Time Departed: 12 noon
Recommendations By: Patrick Finton	County: Gila
Number of Plants / Wells: 1 / 1	Report Date: May 21, 2007
Population / Service Connections: 35 / 20	System Grade: Grade 1 Treatment Grade 1 Distribution
Number of Employees: 2	

The water system is in compliance with the following ADEQ requirements:

	YES	NO	N/A
1. Certified OperatorJames Harrell, Grade 2/2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Physical Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Monitoring & Reporting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Summary

Jakes Corner Water System is now a regulated Transient noncommunity water system. The system needs to employ a certified operator, start taking monthly coliform samples and yearly nitrate samples. The system needs to repair the crack in the well slab, replace the leaking gauge, clean the weeds out of the well enclosure and sign the well area.

Facility Description

Jakes Corner Water System is a Transient noncommunity water system located on the southwest side of the wash at Jakes Corner on Highway 188. The system consists of one (1) well, one (1) small bladder pressure tank, one (1) 5,000 gallon pressure tank and the distribution system. The system does not chlorinate. The well is located on the northeast side of the wash in a gated RV storage yard. Water is pumped across the wash to the 5,000 gallon pressure tank that is at the highest point in the subdivision. The Point-of-Entry for the system is at the discharge end of the 5,000 gallon pressure tank.

Summary of Field Observations

This water system was constructed prior to 1971 and has been in continuous use since that time. The system has shifted between a regulated water system and an unregulated water system as the rules governing water systems has changed and as the number of service system connections has changed. As part of the inspection on December 21, 1988, Lisa Woodwick determined that Jakes Corner Water System did not meet the minimum requirements to be a regulated water system, and she deregulated the water system. As of this inspection date, Jakes Corner Water System is now supplying water to 20 service connections and 35 people. Both of these conditions mean that the system is now a regulated water system.

On May 2, 2007, Jakes Corner Water System sent a letter to Patrick Finton stating that the system had 20 service connections and a total of 35 people. The letter identified 4 of the service connections and 8 people as permanently living outside the state of Arizona. On May 9, 2007, Nancy Moreno told the inspector that several of the remaining service connections had permanent mailing addresses that were not in Payson, Arizona or Tonto Basin, Arizona. Ms. Moreno confirmed this with a FAX dated May 15, 2007 showing 13 community connections and 21 full time people on the water system. With less than 15 permanent service connections and less than 25 permanent people, Jakes Corner Water System is a Transient noncommunity (TN) water system.

As a regulated TN water system, Jakes Corner Water System must employ a certified operator that inspects the water system each month, collect a microbiological sample from the water system each month (monthly bacti sample) and collect a yearly nitrate sample from the water system.

At the time of the inspection, the system did not have a certified operator, but the system wasn't a regulated water system at that time. Nancy Moreno has told the inspector that the water system will be utilizing the services of James Harrell as the certified operator. Mr. Harrell is their certified operator at Arroyo Water Company.

Information Summary – Jakes Corner Water System

May 21, 2007

Page 3

As part of the inspection the treatment plant and distribution system were graded. The treatment plant was issued the following points: 1 for population, 1 for design capacity, 3 for groundwater source and 2 for control system technology, for a total of 7 points. A treatment plant with 7 points is a Grade 1 Treatment plant. The water system only distributes groundwater, serves fewer than 501 people, does not disinfect and does not store water or stores water only in storage tanks. As such, no points are given to the distribution system and the system is a Grade 1 Distribution system.

As a TN water system, Jakes Corner Water System is not required to have any water storage. The water storage rules only apply to Community water systems and Nontransient noncommunity water systems. The inspector is not aware of any State of Arizona regulation requiring a TN to have water storage.

The well slab was cracked. The crack needs to be silicone sealed to keep contaminants away from the well casing.

A gauge on the well was leaking and water was going into the slab crack. The gauge needs to be replaced.

The weeds around the well need to be removed to reduce the potential for contaminating the well area.

The well area needs to be signed to read: No Trespassing, the well's DWR number (DWR 55-?????), the water system name (Jakes Corner Water System), the water system number (PWS 04-029) and the emergency contact phone number (possibly your office (928) 474-1766).

On September 7, 2004, the Arizona Corporation Commission issued Decision No. 67231 which required the water system to "install a storage tank by June, 2005." The inspector is not aware of any location at Jakes Corner where this storage tank could be installed. The fenced area around the well is too small for a storage tank, and the inspector is not aware of any vacant land by the pressure tank.

Inspector Recommendations

1. The crack in the well slab needs to be sealed.
2. Replace the leaking gauge on the well.
3. Remove the weeds around the well.
4. Sign area around the well.