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Lieutenant Governor

NEW MEXICO  
ENVIRONMENT DEPARTMENT

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RYAN FLYNN  
Cabinet Secretary  
BUTCH TONGATE  
Deputy Secretary

August 27, 2015

Gerardo L. Gonzalez-Ortiz  
Las Campanas Water System  
PO Box 6384  
Santa Fe, NM 87502

**RE: TOTAL COLIFORM MAXIMUM CONTAMINANT LEVEL VIOLATION (MCL) & ACUTE MAXIMUM CONTAMINANT LEVEL VIOLATION (AMCL) WSS# NM3500626**

Dear Gerardo L. Gonzalez-Ortiz:

On **August 24, 2015** the Las Campanas Water System water system collected one microbiological sample, which was found to contain coliform bacteria. **Pursuant to Section 20.7.10.100 New Mexico Administrative Code (NMAC) [incorporating 40 Code of Federal Regulations (CFR) Section 141.21 (b)]** you were required to submit for analysis, four repeat samples within 24 hours of notification. A repeat sample collected on August 26, 2015, was also found to contain total coliform bacteria and *E-coli* bacteria.

**Pursuant to Section 20.7.10.100 NMAC [incorporation 40 CFR Section 141.63 (2)]**, the Las Campanas Water System water system is in violation for Exceedance of the Maximum Contaminant Level (MCL) for total coliform. When total coliform or *E-coli* are present in “Repeat or Monitoring” samples following a compliance sample where total coliform or *E-coli* were present, this violation may pose an **acute risk to public health**; therefore:

**Pursuant to Section 20.7.10.100 NMAC [incorporating 40 CFR Section 141.202(c)]**, you are required to give notice to consumers within 24 hours of receipt of this letter **by one or more of the following method(s)**:

1. Appropriate broadcast media (such as radio and television).
2. Posting of the notice in conspicuous locations throughout the area served by the water system.
3. Hand delivery of the notice to persons served by the water system.

**and any other method as necessary to inform the public.**

Please submit proof of publication within 10 days of completing publication of this notice. Proof of notification shall consist of the attached Certification form, signed and dated, indicating the delivery method(s) and a copy of the distributed Public Notice form. (a sample copy is enclosed). Please note that failure to comply with this public notice requirement will result in a “*Failure to Provide Public Notice*” violation being issued against Las Campanas Water System. This

violation is automatically issued, without further notice to you and is also reported to the Environmental Protection Agency.

Please fill out and return the enclosed Public Notice Certification Form to:

Wayne Jeffs  
PO Box 5469  
Santa Fe, NM 87502

Or by email to [wayne.jeffs@state.nm.us](mailto:wayne.jeffs@state.nm.us)

In addition to the public notice requirements, it is strongly recommend that you determine the source of the contamination and pursue some form of shock disinfection of your water system. After the initial investigation and disinfection of the system, you are required to submit two consecutive rounds of clean samples from all sites that were total coliform positive. These samples must be performed on separate days. This is a requirement in order to remove the boil water order placed on your system.

Additionally, because of the total coliform positive sample in August 24, 2015, you will be required to submit for analysis five (5) valid routine samples during the month of September 2015. These samples should be collected from sites shown on an approved sample-siting plan. For further questions please contact me at 505-476-8612 or at [wayne.jeffs@state.nm.us](mailto:wayne.jeffs@state.nm.us).

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For further questions please contact me at 505-476-8612 or at [wayne.jeffs@state.nm.us](mailto:wayne.jeffs@state.nm.us).

Respectfully,



Wayne Jeffs, Compliance Officer  
Drinking Water Bureau  
Water Protection Division

Enclosures: Sample Boil Water Template  
Public Notice Certification Form

Cc: Northern Region Supervisor (electronic)  
Las Campanas Water System water system Area Office file  
Magneto system file

# DRINKING WATER WARNING

Las Campanas Water System **water is contaminated with Fecal/E-coli coliform**

## **BOIL YOUR WATER BEFORE USING**

Fecal/E-coli bacteria were found in the water supply on August 27, 2015. These bacteria can make you sick, and are of particular concern for people with weakened immune systems.

### **What should I do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring all water to a boil, let it boil for 3 to 5 minutes, and let it cool before using, or use bottled water. Boiled or bottled water should be used for drinking, making ice, brushing teeth, washing dishes, and food preparation **until further notice.** Boiling kills bacteria and other organisms in the water.
- Fecal coliforms/E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Microbes in these wastes can cause diarrhea, cramps, nausea, headaches, or other severe symptoms. They may pose a special health risk for infants, young children, elderly, and people with severely compromised immune systems.
- The symptoms above are not caused only by organisms in drinking water. If your experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

### **What happened?**

Bacterial contamination can occur when increased run-off enters the drinking water source (for example, following heavy rains). It can also happen due to a break in the distribution system (pipes) or a failure in the water treatment process.

### **What is being done?** (Describe corrective action)

Additional bacteriological samples are being collected for the next 2 days

Fire Hydrants are being flush upstream and down stream

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We will inform you when tests show no bacteria and you no longer need to boil your water. We anticipate resolving the problem within [estimated time frame] August 30, 2015

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For more information, please contact Sandra Ortiz at 505-205-7835 or Las Campanas Water System, PO Box 6384, Santa Fe, NM 87502. Or contact NMED-DWB Compliance Officer Wayne Jeffs at 505-476-8612. General guidelines on ways to lessen the risk of infection by microbes are available from the EPA Safe Drinking Water Hotline at 1(800) 426-4791.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.



New Mexico Environment Department - Drinking Water Bureau

Public Notification Certification Form – All Tiers

Requirements Pursuant to 40 CFR 141 (Subpart Q)

**\*\*This form and a copy of your Notice to the Public must be submitted to the State within 10 days of notifying your customers. \*\***

PWSID#: NM3500626 Water System Name: Las Campanas Water System water system

Violation or Situation Date: August 27, 2015

Individual Contaminant or Contaminant Group: Total Coliform

Violation or Situation Type: Acute Maximum Contaminant Level

Violation or Situation Public Notification Tier: Tier 1

Distributed the notice by the following method(s), and on the following date(s) in accordance with 40 CFR 141.201:

- Continuously Post Date: \_\_\_\_\_
 Separate Mailing to Customers Date: \_\_\_\_\_
 Hand Deliver Notice to Customers Date: \_\_\_\_\_
 Publish Notice in Newspaper Date: \_\_\_\_\_
 Release Notice to and Announced by Broadcast Media Date: \_\_\_\_\_
 Post Notice on System Website Date: \_\_\_\_\_
 Billing Date: \_\_\_\_\_
 Annual Report (Consumer Confidence Report) Date: \_\_\_\_\_
 Other: \_\_\_\_\_ Date: \_\_\_\_\_

Attach a copy of the posted Public Notice(s) to this certification form.

The public water system named above hereby certifies that public notification has been provided to its consumers in accordance with all delivery, content, and format requirements specified in 40 CFR Part 141:

Water System Representative: \_\_\_\_\_
(Signature) (Print Name) (Phone Number)

Date of Certification: \_\_\_\_\_

System Name: **Las Campanas Water System** Staff: **Wayne Jeffs** Manager: **Chris Cudia**  
 WSS# **NM3500626** Data Steward: **Ken Marshall** Date: **8/27/2015**  
 Violation Type: **21 & 22** Enforcement Typ Determination Date: **SIA SIE SFH SIB**  Violation is associated with a SDWIS Schedule  
**8/27/2015** Violation Periods: **August 27, 2015** Administrative Order #: *Chris Cudia*  
 Water System Facility #: **000**

Please select the group and/or individual analytes that apply to the above violation type.

- DBPs**
- TTHMs
- 2943 - BROMODICHLOROMETHANE
- 2942 - BROMOFORM
- 2941 - CHLOROFORM
- 2944 - DIBROMOCHLOROMETHANE
- 2950 - TOTAL TRIHALOMETHANES
- HAA5s
- 2453 - MONOBROMOACETIC ACID
- 2454 - DIBROMOACETIC ACID
- 2451 - DICHLOROACETIC ACID
- 2450 - MONOCHLOROACETIC ACID
- 2456 - TOTAL HAA5
- 2452 - TRICHLOROACETIC ACID
- RADS**
- 4002 - GROSS ALPHA, INCL. RADON & U
- 4100 - GROSS BETA PARTICLE ACTIVITY
- 4020 - RADIUM-226
- 4030 - RADIUM-228
- 4006 - COMBINED URANIUM (U-MASS)
- 4007 - URANIUM-234 (QTRLY)
- 4009 - URANIUM-238 (QTRLY)
- 4010- 226 & 228 combined
- 1038 - NITRATE & NITRITE
- 1040 - NITRATE
- 1041 - NITRITE
- 1025 - FLUORIDE
- 1024 - CYANIDE
- 1022 - COPPER
- 1030 - LEAD

- HEAVY METALS**
- 1074 - ANTIMONY, TOTAL
- 1005 - ARSENIC
- 1010 - BARIUM
- 1075 - BERYLLIUM, TOTAL
- 1015 - CADMIUM
- 1020 - CHROMIUM
- 1035 - MERCURY
- 1036 - NICKEL
- 1045 - SELENIUM
- 1085 - THALLIUM, TOTAL

- VOCS**
- 2981 - 1,1,1-TRICHLOROETHANE
- 2985 - 1,1,2-TRICHLOROETHANE
- 2977 - 1,1-DICHLOROETHYLENE
- 2378 - 1,2,4-TRICHLOROBENZENE
- 2980 - 1,2-DICHLOROETHANE
- 2983 - 1,2-DICHLOROPROPANE
- 2990 - BENZENE
- 2982 - CARBON TETRACHLORIDE
- 2989 - MONOCHLOROENZENE
- 2380 - CIS-1,2-DICHLOROETHYLENE
- 2964 - DICHLOROMETHANE
- 2992 - ETHYLBENZENE
- 2968 - O-DICHLOROBENZENE
- 2969 - PARA-DICHLOROBENZENE
- 2996 - STYRENE
- 2987 - TETRACHLOROETHYLENE
- 2991 - TOLUENE
- 2979 - TRANS-1,2-DICHLOROETHYLENE
- 2984 - TRICHLOROETHYLENE
- 2976 - VINYL CHLORIDE
- 2955 - XYLENES, TOTAL

- SOC**
- 2931 - 1,2-DIBROMO-3-
- 2063 - 2,3,7,8 -TCDD (DIOXIN)
- 2110 - 2,4,5-TP
- 2105 - 2,4-D
- 2050 - ATRAZINE
- 2306 - BENZO(A)PYRENE
- 2010 - LINDANE (BHC-GAMMA)
- 2046 - CARBOFURAN
- 2959 - CHLORDANE
- 2031 - DALAPON
- 2035 - DI(2-ETHYLHEXYL) ADIPATE
- 2039 - DI(2-ETHYLHEXYL) PHTHALATE
- 2041 - DINOSEB
- 2032 - DIQUAT
- 2033 - ENDOTHALL
- 2005 - ENDRIN
- 2946 - ETHYLENE DIBROMIDE
- 2034 - GLYPHOSATE
- 2065 - HEPTACHLOR
- 2067 - HEPTACHLOR EPOXIDE
- 2274 - HEXACHLOROENZENE
- 2042 - HEXACHLOROYCLOPENTADIENE
- 2051 - LASSO (ALACHLOR)
- 2015 - METHOXYCHLOR
- 2036 - OXAMYL (VYDATE)
- 2326 - PENTACHLOROPHENOL
- 2040 - PICLORAM
- 2037 - SIMAZINE
- 2383 - TOTAL POLYCHLORINATED
- 2020 - TOXAPHENE

Violation Action	
<input checked="" type="checkbox"/>	Validate
<input type="checkbox"/>	Reject
<input type="checkbox"/>	Delete (Needs Managers Approval Below)

Comments:

Approval Required for Deleted Violations	
Area Supervisor Approval: _____	Date: _____
PWSS Manager Approval _____	Date: _____

- (71) Deliver CCR Violation
- (72) CCR Certification
- (75) Public Notice
- TCR Violation
- GWR Violation
- Operator Violation
- Other Violation (explain in comments)

