



Division of Environmental Health

Terry L. Pierce, Director

State of North Carolina
Michael F. Easley, Governor

Public Water Supply Section

Jessica G. Miles, Section Chief

Department of Environment
and Natural Resources
William G. Ross, Secretary

June 15, 2007

SYSTEM ID# NC0157155, MACON COUNTY
EL SHADDAI
MOUNT SHADDAI HOMEOWNERS ASSN
64 TOP LANE
AQUONE, NC 28781

ACTION REQUIRED

NOTICE OF VIOLATION

Public Water System - Monitoring and/or Reporting Violation

North Carolina's *Rules Governing Public Water Systems* requires public water systems to monitor the quality of their drinking water. Our records indicate that your system was required to collect water samples in the compliance periods listed in the table on the enclosed "Notice to the Public" and have a **North Carolina certified laboratory** analyze the samples for the contaminants indicated. We have no record of the required analyses.

➤ **IF YOU DID NOT SAMPLE YOUR DRINKING WATER:**

If you did not conduct the required sampling and analyses as indicated on the table of the enclosed notice, your system has a **MONITORING VIOLATION** (Tier 3 violation) for each contaminant group entry point and distribution sample listed. Because of your failure to properly monitor your system's drinking water, you are required to do all of the following:

1. **Provide public notice to your customers:** Complete all missing information on the enclosed sample "Notice to the Public" and provide public notice in accordance with Section .1523 of the *Rules Governing Public Water Systems*. (See the instructions located on the back of the notice for completing the notice and for performing public notice.) Notice **MUST** be provided within **12 months** from the date of this letter.
2. **Submit a copy of your completed Notice to the Public/Public Notification Certification form to the State:** Within **10 days** after completing the initial public notification, the Public Water Supply Section must receive a copy of the notice you distributed to your customers with your **signature and date** on the Public Notification Certification (located at the bottom of the notice) indicating that you have fully complied with all the public notice requirements. Retain a copy of these documents for your files.

Note: A violation of the Public Notification Rule will automatically be issued to your system and be reported to the US Environmental Protection Agency if the public notification requirements (including submittal of a copy of the Notice to the Public/Public Notification Certification form to the State) are not met in the time periods specified. This letter should be considered as your Notice of Violation if the compliance deadlines are not met; your system will not receive a letter informing you of this additional violation.

➤ **IF YOU DID SAMPLE YOUR DRINKING WATER:**

If you did collect the required samples as indicated on the enclosed "Notice to the Public" and sent your samples to a North Carolina certified laboratory for analyses, yet you are receiving this Notice of Violation, then either your laboratory results were not received by our office or they were received late. North Carolina's *Rules Governing Public Water Systems* requires that sample analysis results be received by the State within the first ten days following the month in which the result is received (analysis completed), or within the first ten days following the end of the required monitoring period as stipulated by the State, whichever of these is shortest. Laboratory results received by us after the required timeframe generate a **REPORTING VIOLATION** for your system. Therefore, you should perform the following actions:

1. **Contact your laboratory:** Confirm that your laboratory received and analyzed your samples and transmitted the results to the State on the appropriate reporting form. Also confirm that your laboratory was certified by the State of North Carolina to perform the requested analyses. (**Note:** If your laboratory was not certified by North Carolina, your system will have a monitoring violation, rather than a reporting violation, and you must perform

1634 Mail Service Center, Raleigh, North Carolina 27699-1634 ▲ Telephone: 919-733-2321
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public notification as specified above.)

- ▶ If the results have **not been sent** to the State, have the laboratory check that the sample analysis report completed and correct and then have the laboratory send the original copy of the results to this office immediately. Your system will then have a reporting violation for late submittal of results as opposed to a monitoring violation.
 - ▶ If your laboratory reports that they **did send** us the results, ask your laboratory the date that they sent the results and if they received confirmation from us on their transmittal sheet of our receipt of the analyses. If they did receive confirmation from us, identify the date of our receipt. Laboratory results received by us after the required timeframe will generate a reporting violation for your system.
2. Contact the Public Water Supply Section: Contact the appropriate rule manager for the contaminant group in question to resolve any discrepancies regarding our receipt of your laboratory analyses.
- ▶ If we determine by receipt of the results that you did indeed complete the required monitoring, but the original laboratory results were received late, your system will be returned to compliance for the monitoring violation for that particular contaminant group's entry point or distribution sample. However, your system will still retain a reporting violation for that contaminant group.
 - ▶ If it is determined that you have only a reporting violation for a specific contaminant group's entry point or distribution sample, public notification is not required for that specific contaminant group. If multiple contaminants are listed on the enclosed "Notice to the Public," you may omit that specific contaminant that has been returned to compliance, however, you **MUST** provide public notice for all the remaining monitoring violations listed, if any. Reporting violations do not need to be included in your system's Consumer Confidence Report (CCR).

This monitoring and/or reporting violation, failure to take corrective actions and resume monitoring, and failure to properly notify your customers are all violations of the state and federal drinking water regulations. These violations are punishable by fines or administrative penalties. Further enforcement actions will be determined by your system's response to the requirements of this letter. Assessment of fines or administrative penalties will be based on, but not limited to, the nature of the violation, the degree and extent of harm to the public, the failure to give adequate public notice, as well as, your system's previous record of compliance with the North Carolina Drinking Water Act and North Carolina's *Rules Governing Public Water Systems*.

For additional information, your monitoring schedule for all contaminants is available on our internet site <http://www.deh.enr.state.nc.us/AnnualStmnt/index.htm>. This information is updated on a monthly basis. Copies of the regulations can be found on the web at <http://www.deh.enr.state.nc.us/pws/rules/contents.htm>. You may also go on-line to obtain a current list of laboratories certified by the State of North Carolina. The internet address for this service is: <http://slph.state.nc.us/EnvironmentalSciences/Certification/CertifiedLaboratory.asp>.

Mr. Jim Coor should be contacted if you have any questions or need assistance regarding this violation at (919) 715-3228 or by e-mail at jimmy.coor@ncmail.net.

Copies of Notices to the Public and Public Notification Certifications should be mailed to Bethany Goodwin at 163 Mail Service Center, Raleigh, NC 27699-1634. If you have questions or need assistance regarding public notification please contact Bethany Goodwin at (919) 715-2729 or by e-mail at Bethany.Goodwin@ncmail.net

Sincerely,



Linda F. Raynor
Compliance Services Branch Head
Public Water Supply Section

Enclosures: Notice to the Public/Public Notification Certification

cc: Jin Adams, Regional Engineer
Responsible Person: LINGER, ROBERT C

(BOTH SIDES OF THIS NOTICE MUST BE COPIED AND DISTRIBUTED TO YOUR CUSTOMERS)

NOTICE TO THE PUBLIC

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

EL SHADDAI HAS NOT MET MONITORING REQUIREMENTS

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During the compliance periods specified in the table below, we [‘did not monitor or test’ or ‘did not complete all monitoring or testing’] for contaminants listed below and therefore cannot be sure of the quality of our drinking water during that time.

CONTAMINANT GROUP**	ENTRY POINT/ LOCATION CODE	COMPLIANCE PERIOD BEGIN DATE	SAMPLING FREQUENCY	WHEN SAMPLES WERE OR WILL BE TAKEN (Water System to Complete)
Lead and Copper	Distribution	7/1/2006	6-month	

** See back of this notice for the complete list of individual contaminants for each contaminant group

What should I do? There is nothing you need to do at this time.

What happened? What is being done? When will the problem be corrected?
[Water system to describe corrective action.]

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.

For more information, please contact:

Responsible Person	System Name EL SHADDAI	System Address (Street)
Phone Number	System PWSID # NC0157155	System Address (City/State/Zip)

Violation Awareness Date: 6/15/2007 Date Notice Distributed: _____ Distribution Method: _____

Public Notification Certification:

The public water system named above hereby affirms that public notification has been provided to its consumers in accordance with all delivery, content, format, and deadline requirements specified in 15A NCAC 18C .1523.

Owner/Operator: _____ (Signature) _____ (Print Name) _____ (Date)

A) Total Coliform Bacteria includes Fecal/E.coli bacteria. Testing for Fecal/E.coli bacteria is required if total coliform is present in the sample source water samples and treated water samples must be collected on the same day.

B) Asbestos - includes testing for Chrysotile, Amphibole and Total Asbestos.

(HM) - Total Trihalomethanes - include Chloroform, Bromoform, Bromodichloromethane, and Chlorodibromomethane.

(OC) - Total Organic Carbon - includes testing for Alkalinity, Dissolved Organic Carbon (DOC), Total Organic Carbon (TOC) and Ultraviolet Absorption 254 (UV254).

(HAAS) - Haloacetic Acids - include Monochloroacetic Acid, Dichloroacetic Acid, Trichloroacetic Acid, Monobromoacetic Acid, Dibromoacetic Acid.

(BB) Bromate/Bromide - includes testing for Bromate and/or Bromide.

(CD) Chlorine Dioxide/Chlorite - includes testing for Chlorine Dioxide and/or Chlorite.

(IC) Inorganic chemicals - include Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cyanide, Fluoride, Iron, Manganese, Mercury, Nickel, pH, Selenium, Sodium, Sulfate, and Thallium.

(LC) Lead and copper are tested by collecting samples and testing these samples for both lead and copper.

(NT) Nitrate/ (NI) Nitrite - includes testing for nitrate and/or nitrite.

(RA) Radionuclides - includes Gross Alpha, Radon, Uranium, Combined Radium, Radium 226, Radium 228, Gross Beta, Tritium, Strontium 90, Iodine 131, and Cesium 134.

(SOC) - Synthetic Organic Chemicals/Pesticides - SOC's are commonly used in industrial and manufacturing processes. SOC's include 2,4,2,4,5-TP (Silvex), 3-Hydroxycarbofuran, Alachlor, Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Aldrin, Atrazine, Benzo(a)pyrene, Butachlor, Carbaryl, Carbofuran, Chlordane, Dalapon, Dieldrin, Di(2-ethylhexyl)adipate, Di(2-ethylhexyl)phthalate, Dibromochloropropane (DBCP), Dicamba, Dinoseb, Endrin, Ethylene dibromide (EDB), Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Lindane, Methomyl, Metolachlor, Methoxychlor, Metribuzin, Oxamyl(vydate), PCBs, Propachlor, Pentachlorophenol, Picloram, Simazine, Toxaphene.

(VOC) - Volatile Organic Chemicals - VOCs are commonly used in industrial and manufacturing processes. VOCs include p-Isopropyltoluene, Chloromethane, Dichlorodifluoromethane, Bromomethane, Chloroethane, Fluorotrichloromethane, Hexachlorobutadiene, Naphthalene, 1,2,4-Trichlorobenzene, Cis-1,2-Dichloroethylene, Dibromomethane, 1,1-Dichloropropene, 1,3-Dichloropropene, 1,2,3-Trichloropropane, 2,2-Dichloropropane, 1,2,4-Trimethylbenzene, 1,2,3-Trichlorobenzene, n-Butylbenzene, 1,3,5-Trimethylbenzene, Tert-Butylbenzene, Sec-Butylbenzene, Bromochloromethane, Chloroform, Bromoform, Bromodichloromethane, Chlorodibromomethane, Xylenes (Total), Dichloromethane, o-Chlorotoluene, p-Chlorotoluene, m-Dichlorobenzene, o-Dichlorobenzene, Vinyl Chloride, 1,1-Dichloroethylene, 1,1-Dichloroethane, Trans-1,2-Dichloroethylene, 1,2-Dichloroethane, 1,1,1-Trichloroethane, Carbon Tetrachloride, 1,2-Dichloropropane, Trichloroethylene, 1,1,2-Trichloroethane, 1,1,1,2-Tetrachloroethane, Tetrachloroethylene, 1, 1,2,2-Tetrachloroethane, Chlorobenzene, Benzene, Toluene, Ethylbenzene, Bromobenzene, Isopropylbenzene, Styrene, and n-Propylbenzene.

Instructions for Completing the Notice/Certification Form & for Performing Public Notice for Tier 3 Monitoring Violations

1. Complete ALL the missing information on the "Notice to the Public." (Note: Under the section of the notice entitled "What Happened" What is being done? When will the problem be corrected?" describe corrective actions you took or are taking. You may choose the appropriate language below, or develop your own:
 - We have since taken the required samples, as described in the last column of the table above. The sample results showed we are meeting drinking water standards.
 - We have since taken the required samples, as described in the last column of the table above. The sample for coliform bacteria exceeded the limit. [Describe corrective action; use information from public notice prepared for violating the limit.]
 - We plan to take the required samples soon, as described in the last column of the table above.)
2. Provide public notification to your customers within 12 months after you learn of the violation as follows:

<p>Community systems must use one of the following:</p> <ul style="list-style-type: none"> • Hand or direct delivery • Mail, as a separate notice or included with the bill <p>For community systems, this notice is appropriate for insertion in an annual notice or the Consumer Confidence Report (CCR), as long as public notification timing and delivery requirements are met (C.F.R. 141.204(d)).</p>	<p>Non-community systems must use one of the following:</p> <ul style="list-style-type: none"> • Posting in conspicuous locations • Hand delivery • Mail <p>For non-community systems, if you post the notice, it must remain posted as long as the violation or situation persists; in no case should the notice be posted less than 7 days, even if the violation is resolved. (C.F.R. 141.204(b)).</p>
<p>(Note: Both community and non-community systems must use another method reasonably calculated to reach others IF they would not be reached by one of the required methods listed above (C.F.R. 141.204(c)). Such methods could include newspapers, e-mail, or delivery to community organizations.</p>	

- Both sides of this public notice/certification MUST be delivered to the persons served by the water system in order for your customers to have access to the required Contaminant Group List.
 - If you mail, post, or hand deliver, print your notice on letterhead, if available.
 - Notify new billing customers or units prior to or at the time their service begins.
 - Provide multi-lingual notifications if 30% of the residents served are non-English speaking.
 - Repeat the notice quarterly for as long as the violation exists.
 - Should you decide not to use this enclosed notice and develop your own version instead, the mandatory language in bold italics may be altered and you MUST include the ten required elements listed in C.F.R. 141.205. A separate Public Notification Certification Form that is available on our web site or the certification located at the bottom of the sample notice provided MUST also be submitted.
3. After issuing the "Notice to the Public" to your customers, sign and date the "Public Notification Certification" at the bottom of the notice. Mail the completed public notice/certification form to the Public Water Supply Section, ATTN: Public Notification Rm Manager, 1634 Mail Service Center, Raleigh, NC 27699-1634 within ten days after issuing the notice (C.F.R. 141.31(d)). Keep a copy for your files.

