**SWTR Disinfection Treatment Notice**

**Template 2-7**

Instructions (Template follows instructions.)

Since surface water treatment disinfection treatment technique violations require Tier 2 notification, you must provide public notice to persons served as soon as practical but within 30 days after you learn of the violation (310 CMR 22.16 (3)(b)). Some disinfection problems may be serious. You may be required to provide water from an alternate source so check with your regional MassDEP office to be sure you meet all requirements. In addition:

Community systems must use one of the following methods (310 CMR 22.16 (3)(c)):

* Hand or direct delivery
* Mail, as a separate notice or included with the bill

Noncommunity systems must use one of the following methods (310 CMR 22.16 (3)(c)):

* Posting in conspicuous locations
* Hand delivery
* Mail

In addition, both community and noncommunity systems must use another method reasonably calculated to reach others if they would not be reached by the first method (310 CMR 22.16 (3)(c)). Such methods could include newspapers, e-mail, or delivery to community organizations. If you mail, post, or hand deliver, print your notice on your system’s letterhead, if available.

The notice on the last page is appropriate for hand delivery or mail. However, you may wish to modify it before using it for posting. If you do, you must still include all the required elements and you may not modify the mandatory health effects language (310 CMR 22.16 (5)(d)) which is shown in *italics*.

Mandatory Language

Mandatory language on health effects must be included as written (310 CMR 22.16 Table 7) and is presented in this notice in *italics*.

You must also include standard language to encourage the distribution of the public notice to all persons served, where applicable (310 CMR 22.16(5)(a)). This language is also presented in *italics* in the template.

**Description of the Violation**

Include one of the following descriptions of violations and modify to fit your situation.

Not Enough Disinfection During Treatment - In order to ensure proper disinfection, water in the treatment plant must be in contact with enough chlorine or a similar disinfectant for a minimum amount of time. On [give date], this did not occur.

Although chlorine quickly kills most bacteria, it is less effective against organisms such as viruses and parasites. For this reason, water needs to mix with chlorine for a longer time period to kill such organisms. The amount of time necessary, or the **“**contact time**,”** depends on the amount of disinfectant in the water and the temperature of the water.

Disinfectant Residual - We routinely monitor for disinfectant residual in the distribution system. This measurement tells us whether we are effectively disinfecting the water supply. Disinfectant residual is the amount of chlorine or related disinfectant present in the pipes of the distribution system. If the amount of disinfectant is too low, organisms could grow in the pipes.

* Monthly exceedance - During the months of [give dates], disinfectant residual was undetectable in more than 5% of samples. The standard is that disinfectant may be undetectable in no more than 5% of samples each month for two months in a row.
* Single exceedance - On [give date], disinfectant levels dropped below 0.2 milligrams per liter for [give number of hours] hours. The standard is that levels may not drop below 0.2 for more than four hours.

**Corrective Action**

In your notice, describe corrective actions you are taking. Listed below are some steps commonly taken by water systems with surface water treatment technique violations. Depending on the corrective action you are taking, you can use one or more of the following statements, if appropriate, or develop your own text:

* We are sampling/we sampled both untreated and treated water for the presence of coliform bacteria.
* We are sampling/we sampled disinfectant levels and will adjust/adjusted the amount of disinfectant added as necessary to maintain adequate levels.

**Repeat Notices**

If this is an ongoing violation, you should give the history behind the violation, if known.

**After Issuing the Notice**

Make sure to send your MassDEP Regional Office and your local board of health a copy of each type of notice and a certification that you have met all public notification requirements within ten days after issuing the notice (310 CMR 22.15 (3)(b)).

**Important Information about Your Drinking Water**

**[System] [Does/Did Not] Meet Treatment Requirements**

Our water system recently violated a drinking water requirement. Although this situation does not require that you take immediate action, as our customers, you have a right to know what happened, what you should do, and what we [did, are doing] to correct this situation.

[Describe the violation - use descriptions from instructions on reverse.]

**What should I do?**

* There is nothing you need to do. You do not need to boil your water or take other corrective actions. However, if you have specific health concerns, consult your doctor.
* If you have a severely compromised immune system, have an infant, are pregnant, or are elderly, you may be at increased risk and should seek advice from your health care providers about drinking this water. General guidelines on ways to lessen the risk of infection by microbes are available by emailing the EPA at safewater@epa.gov.

**What does this mean?**

This is not an emergency. If it had been, you would have been notified within 24 hours. Tests taken during this same time period did not indicate the presence of bacteria in the water.

*Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.*

These symptoms, however, are not caused only by organisms in drinking water, but also by other factors. If you experience any of these symptoms and they persist, you may want to seek medical advice.

**What is being done?**

[Describe the corrective action.]

[Disinfectant residual levels/contact times] so far this month have met all requirements.

**Where can I get more information?**

If you have questions about your water system’s operation, water quality monitoring, or response to this issue, please contact the system operator directly. If you have questions about the drinking water regulations or health risks posed by this contaminant you can contact the MassDEP Drinking Water Program at: program.director-dwp@mass.gov or (617) 292-5770. If you have questions about specific symptoms, you can contact your doctor or other health care provider.  If you have general questions about public health, you can contact the Massachusetts Department of Public Health at 617-624-5757.

For more information, please contact [name of contact] at [phone number], [mailing address], or [email].

*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.*

This notice is being sent to you by [system]. System ID#: [XXXXXXX] Date distributed: [mm/dd/yyyy]**2**