



MAXIMUM CONTAMINANT OR RESIDUAL DISINFECTANT LEVEL PUBLIC NOTICE TEMPLATE INSTRUCTION

This guide is intended for use with our Maximum Contaminant or Disinfectant Residual Level (MCL/MRDL) Public Notice Template. Please have your violation letter readily available for reference.

Complete your template by following these 8 steps:

1. Add your public water system name and ID.
2. Complete the table on the template using information from your violation letter.
 - a. "Contaminant" the chemical or element that exceeded the MCL/MRDL. (ex. Nitrate)
 - b. "MCL/MRDL" the maximum contaminant level for the exceeded contaminant. (ex. 10 mg/L)
 - c. "Our Compliance Value" your single sample result or running annual average result that was exceeding the MCL/MRDL. (ex. 11 mg/L)
 - d. "Monitoring Period" the period in which the exceedance occurred. This will be located in the subject line of the violation letter. (ex. Jan 2024 to Mar 2024)
 - e. For multiple contaminants, you may add a row to the table.
3. Match the contaminant to the first column of the table beginning on page 3 to determine the mandatory health effects language and then **copy** the health effects language in the third column and **paste** under the "Potential Adverse Health Effects" section of the template.
 - a. For multiple contaminants, you may combine health effects language such that the combined language contains all applicable health effects.
4. Let your customers know what corrective action(s) you are taking or have taken to resolve the violation. Examples may include when you plan to take samples.
5. Provide the expected completion date for the corrective action(s).
6. Provide contact information for your public water system.
7. Provide the date this notice will be distributed.
8. Distribute to customers and consumers!

After you have distributed your public notice, complete the certificate of delivery and submit a copy of the notice to TCEQ at PWSNOTICE@tceq.texas.gov.

Delivery Methods

Use the following information to assist with selecting the appropriate delivery methods:

- Community Water System - Select Direct Delivery and at least one other option
- Noncommunity Water System - Select two methods with at least one underlined method

Direct Delivery (Physical or Electronic)

Mass media (Newspaper, Radio or Television)

Continuous Posting in Conspicuous Locations

Delivery of multiple copies for distribution by customers that provide water to others

Posting on the Internet

Resources

- Public Notice Certificate of Delivery <<www.tceq.texas.gov/downloads/drinking-water/notices/certificate-delivery/tceq-form-20809-pn-cod.docx>>
- Public Notice Webpage <<www.tceq.texas.gov/drinkingwater/notices/pws>>
- For additional assistance, please contact the TCEQ Right-to-Know Program at 512-239-1069.

Contaminant	MCL(mg/L)	Potential Adverse Health Effects
Alachlor	0.002	Excess consumption over many years may lead to experiencing problems with your eyes, kidneys, liver, spleen, or experience anemia and may have an increased risk of getting cancer.
Antimony	0.006	Excess consumption over many years may lead to experiencing increases in blood cholesterol and decreases in blood sugar.
Arsenic	0.01	Excess consumption over many years may lead to skin damage and problems with your circulatory system and may have an increased risk of getting cancer.
Asbestos	7 MFL	Excess consumption over many years may lead to an increased risk of developing benign intestinal polyps.
Atrazine	0.003	Excess consumption over many years may lead to experiencing problems with your cardiovascular system or reproductive difficulties.
Barium	2.0	Excess consumption over many years may lead to experiencing increases in blood pressure.
Benzene	0.005	Excess consumption over many years may lead to experiencing anemia or decrease in blood platelets and may have an increased risk of getting cancer.
Benzopyrene	0.0002	Excess consumption over many years may lead to experiencing problems with your reproductive difficulties and may have an increased risk of getting cancer.
Beryllium	0.004	Excess consumption over many years may lead to developing intestinal lesions.

Contaminant	MCL(mg/L)	Potential Adverse Health Effects
Bromate	0.01	Excess consumption over many years may lead to an increased risk of getting cancer.
Cadmium	0.005	Excess consumption over many years may lead to experiencing problems with your kidneys.
Carbofuran	0.04	Excess consumption over many years may lead to experiencing problems with your blood, or nervous or reproductive systems.
Carbon-tetrachloride	0.005	Excess consumption over many years may lead to experiencing problems with your liver and may have an increased risk of getting cancer.
Chlordane	0.002	Excess consumption over many years may lead to experiencing problems with your liver or nervous system and may have an increased risk of getting cancer.
Chlorite	1.0	Excess consumption over many years may lead to experiencing problems with your nervous system. Similar effects may occur in fetuses of pregnant women. Some people may experience anemia.
Chromium	0.1	Excess consumption over many years may lead to experiencing allergic dermatitis.
Chlorine Dioxide	0.8	Some infants and young children who drink water containing chlorine dioxide in excess could experience nervous system effects. Similar effects may occur in fetuses of pregnant women who drink water containing chlorine dioxide in excess. Some people may experience anemia.

Contaminant	MCL(mg/L)	Potential Adverse Health Effects
Combined Radium	5 picocuries per liter (pCi/L)	Excess consumption over many years may lead to an increased risk of getting cancer.
Combined Uranium	30 micrograms per liter (µg/L)	Excess consumption over many years may lead to an increased risk of getting cancer and kidney toxicity.
Fluoride	4.0	Excess consumption over many years may lead to 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 the teeth, and occurs only in developing teeth before they erupt from the gums
Gross Alpha	15 picocuries per liter (pCi/L)	Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Excess consumption over many years may lead to an increased risk of getting cancer.
HAA5	0.06	Excess consumption over many years may lead to an increased risk of getting cancer.
TTHM	0.08	Excess consumption over many years may lead to experiencing problems with your liver, kidneys, or central nervous system, and may have an increased risk of getting cancer.
1-1-1-trichloroethane	0.2	Excess consumption over many years may lead to experiencing problems with your liver, nervous system, or circulatory system.

Contaminant	MCL(mg/L)	Potential Adverse Health Effects
1-1-2-trichloroethane	0.005	Excess consumption over many years may lead to skin damage or experiencing problems with your liver or kidneys and may have an increased risk of getting cancer.
1-1-dichloroethylene	0.007	Excess consumption over many years may lead to experiencing problems with your liver.
1-2-4-trichlorobenzene	0.07	Excess consumption over many years may lead to experiencing problems with your adrenal glands.
1-2-dichloroethane	0.005	Excess consumption over many years may lead to an increased risk of getting cancer.
1-2-dichloropropane	0.0002	Excess consumption over many years may lead to an increased risk of getting cancer.
2-3-7-8-tcdd-dioxin	3 X 10 ⁻⁸	Excess consumption over many years may lead to an increased risk of getting cancer.
2-4-5-tp	0.005	Excess consumption over many years may lead to experiencing problems with your liver.
2-4-d	0.07	Excess consumption over many years may lead to experiencing problems with your kidneys, liver, or adrenal glands.
Cis-1-2-dichloroethylene	0.07	Excess consumption over many years may lead to experiencing problems with your liver.
Cyanide	0.2	Excess consumption over many years may lead to experiencing nerve damage or problems with your thyroid.
Dalapon	0.2	Excess consumption over many years may lead to experiencing minor kidney changes.

Contaminant	MCL(mg/L)	Potential Adverse Health Effects
Di(2-ethylhexyl)adipate	0.4	Excess consumption over many years may lead to experiencing toxic effects such as weight loss, liver enlargement or possible reproductive difficulties
Di(2-ethylhexyl)phthalate	0.006	Excess consumption over many years may lead to experiencing problems with your liver, or experience reproductive difficulties, and may have an increased risk of getting cancer.
Dibromochloropropane	0.0002	Excess consumption over many years may lead to experiencing reproductive difficulties and may have an increased risk of getting cancer.
Dichloromethane	0.005	Excess consumption over many years may lead to experiencing problems with your liver and may have an increased risk of getting cancer.
Dinoseb	0.007	Excess consumption over many years may lead to experiencing reproductive difficulties.
Diquat	0.02	Excess consumption over many years may lead to cataracts.
Endothrall	0.1	Excess consumption over many years may lead to experiencing problems with your stomach or intestines.
Endrin	0.002	Excess consumption over many years may lead to experiencing problems with your liver.
Ethylbenzene	0.7	Excess consumption over many years may lead to experiencing problems with your liver or kidneys.

Contaminant	MCL(mg/L)	Potential Adverse Health Effects
Ethylene-dibromide	0.000005	Excess consumption over many years may lead to experiencing problems with your liver, stomach, reproductive system, or kidneys, and may have an increased risk of getting cancer.
Glyphosate	0.7	Excess consumption over many years may lead to experiencing problems with your kidneys or reproductive difficulties.
Heptachlor	0.0004	Excess consumption over many years may lead to experiencing liver damage and may have an increased risk of getting cancer.
Heptachlor-epoxide	0.0002	Excess consumption over many years may lead to experiencing liver damage and may have an increased risk of getting cancer.
Hexachlorobenzene	0.001	Excess consumption over many years may lead to experiencing problems with your liver or kidneys, or adverse reproductive effects, and may have an increased risk of getting cancer.
Hexachlorocyclopentadiene	0.05	Excess consumption over many years may lead to experiencing problems with your kidneys or stomach.
Lindane	0.0002	Excess consumption over many years may lead to experiencing problems with your kidneys or liver.
Mercury	0.002	Excess consumption over many years may lead to experiencing kidneys damage.
Methoxychlor	0.04	Excess consumption over many years may lead to experiencing reproductive difficulties.
Monochlorobenzene	0.1	Excess consumption over many years may lead to experiencing problems with your kidneys or liver.

Contaminant	MCL(mg/L)	Potential Adverse Health Effects
Nitrate	10	Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue baby syndrome. If your child is under the age of six months, the child must be given an alternative water supply for any consumption. Boiling the affected water is not an effective treatment for nitrate removal.
Nitrite	1.0	Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue baby syndrome. If your child is under the age of six months, the child must be given an alternative water supply for any consumption. Boiling the affected water is not an effective treatment for nitrate removal.
O-dichlorobenzene	0.6	Excess consumption over many years may lead to experiencing problems with your kidneys, liver, or circulatory system.
Oxamyl-(vydate)	0.2	Excess consumption over many years may lead to experiencing slight nervous system effects.
Para-dichlorobenzene	0.075	Excess consumption over many years may lead to experiencing anemia, damage to your liver, kidneys, or spleen, or changes in your blood.
Pentachlorophenol	0.001	Excess consumption over many years may lead to experiencing problems with your liver or kidneys and may have an increased risk of getting cancer.

Contaminant	MCL(mg/L)	Potential Adverse Health Effects
Picloram	0.5	Excess consumption over many years may lead to experiencing problems with your liver.
Polychlorinated-biphenyls	0.005	Excess consumption over many years may lead to experiencing changes in your skin, problems with your thymus gland, immune deficiencies, or reproductive or nervous system difficulties, and may have an increased risk of getting cancer.
Selenium	0.05	Selenium is an essential nutrient. However, some people who drink water containing selenium in excess of the MCL over many years could experience hair or fingernail losses, numbness in the fingers or toes, or problems with their circulation.
Simazine	0.004	Excess consumption over many years may lead to experiencing problems with your blood.
Styrene	0.1	Excess consumption over many years may lead to experiencing problems with your liver, kidneys, or circulatory system.
Thallium	0.002	Excess consumption over many years may lead to experiencing hair loss, changes in your blood, or problems with your kidneys, intestines, or liver.
Tetrachloroethylene	0.005	Excess consumption over many years may lead to experiencing problems with your liver and may have an increased risk of getting cancer.
Toxaphene	0.003	Excess consumption over many years may lead to experiencing problems with your kidneys, liver, or thyroid, and may have an increased risk of getting cancer.

Contaminant	MCL(mg/L)	Potential Adverse Health Effects
Toluene	1.0	Excess consumption over many years may lead to experiencing problems with your nervous system, kidneys, or liver.
Trans-1-2-dichloroethylene	0.1	Excess consumption over many years may lead to experiencing problems with your liver.
Trichloroethylene	0.005	Excess consumption over many years may lead to experiencing problems with your liver and may have an increased risk of getting cancer.
Vinyl-chloride	0.002	Excess consumption over many years may lead to an increased risk of getting cancer.
Xylenes-total	10	Excess consumption over many years may lead to experiencing problems with your nervous system.