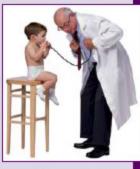
Important Health Information

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who



have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants may be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The U.S. EPA/CDC (Centers for Disease Control and Prevention) guidelines on appropriate means to lessen the risk of infection by Cryptosperidium and other microbial contaminants are available from the Safe Drinking Water Hotline at (800) 426-4791.

Where Does My Water Come From?

Oldham County Water District customers are fortunate because we enjoy an abundant water supply from a groundwater source. The Oldham County Water Treatment Plant draws water from the Ohio River alluvium, which holds several billion gallons of water. The Oldham County Water Treatment Plant was constructed in 1983 to draw from this underground water supply. This groundwater supply is constantly being replenished with water from the Ohio River along with natural trans-evaporation. The treatment facility provides roughly 1.5 billion gallons of clean drinking water every year.

PR SRT STD U.S. Postage PAID Gemini Group

Oldham County Water District 3709 West Highway 146 LaGrange, KY 40031

ANNUAL WATER QUALITY REPORT Water testing performed in 2005 Proudly Presented By: OLDHAM COUNTY WATER DISTRICT PWS ID#: 0930333

Second and Recyclable Copyright ©2005 Gamini Group LLC All rights reserved KY2640

Continuing Our Commitment

Once again we proudly present our annual water quality report. This edition covers all testing completed from January through December 2005. We are pleased to tellyou that our compliance with all state and federal drinking water laws remains exemplary. As in the past, we are committed to delivering the best quality dinking water. To that end, we remain vigilant in meeting the challenges of source water protection, water on reevation, and community education while continuing to serve the needs of all of our water users.

For more information about this report, or for any questions relating to your drinking water, please cal Phillip Ward, Superintendent, at (502) 222-1690 or visit our Website at www. old ham: our tywate room.

Working Hard for You

Under the Safe D inking Water Act (SDWA), the U.S. Environmental Protection Agency (U.S. EPA) is responsible for setting national limits for hundreds of substances in drinking water and also specifies various treatments that water systems must use to remove these substances. Each system continually monitors for these substances and reports their findings to the U.S. EPA. The U.S. EPA uses these data to ensure that consumers are receiving clean water.

This publication conforms to the regulation under SDWA requising water utilities to provide detailed water quality information to each of their customers annually. We are committed to providing you with this information about your water supply be cause customers who are well informed are our best allies in supporting improvements necessary to maintain the highest danking water standards.

Community Participation

You are invited to participate in our public forum and voice your concerns about your drinking water. We meet the first Tuesday of each month beginning at 7 p.m. at the Buckner Office, 3707 West Highway 146, La Grange, Kentucky.

Wellhead Protection Plan

The purpose of managing a wellhead protection area is to minimize the impact of land uses that threaten the quality and quantity of the public's drinking water supply. The underlying theme is simply to prevent pollution. Preventing pollution is the key to keeping groundwater supplies safe and to protecting health. Once a drinking water supply becomes contaminated, communities have the difficult and costly task of installing additional treatment facilities or locating an alternate source.

Phases one and two of the Oldham County Water District's Wellhead Protection Planare complete. You can obtain a copy of the full plan through our office at 3707 West Highway 146, LaGrange, Kentucky 400 31. Or contact us by phone at (502) 222-1690.



System Improvements

Wer the next 20 years three proposed steps of improvements will consist of six new storage tanks with a combined volume of 6.5 million gallons. In addition, approximately 210,000 proposed linear feet of new water lines will help reduce friction loss. All but one of the booster-pumping stations will be eliminated during this time. These proposed improvements will provide an efficient system to meet growing water demands while maintaining minimum pressures and storage requirements. All improvements are based on compliance with Public Service Commission (PSC) requirements.

Contamination from Cross-Connections

Cross-connections that could contaminate drinking water distribution lines are a major concern. Across-connection is formed at any point where a drinking water line connects to equipment (boilers), systems containing chemicals (air conditioning systems, fire sprink ler systems, irrigation systems) or water so cross of questionable quality. Cross-connection contamination can occur when the pressure in the equipment or system is greater than the pressure inside the drinking water line (backpressure). Contamination can also occur when the pressure in the drinking water line drops due to fairly so trine occurrences (main breaks, heavy water demand), causing contaminants to be sucked out from the equipment and into the drinking water line (backsiphonags).

Outside water taps and garden hoses tend to be the most common sources of cross-connection contamination at home. The garden hose creates a hazard when submerged in a swimming pool or when attached to a chemical sprayer for weed killing. Garden hoses that are left lying on the ground may be contaminated by fertilizers, cesspools or garden chemicals. Improperly installed valves in your toilet could also be a source of cross-connection contamination.

Community water supplies are continually jeopardized by cross-connections unless appropriate valves, known as backflow prevention devices, are installed and maintained. We have surveyed all industrial, commercial, and institutional facilities in the service area to make sure that all potential cross-connections are identified and eliminated or protected by a backflow preventer. We also inspect and test each backflow preventer to make sure that it is providing maximum protection

For more information, visit the Web site of the American Backflow Prevention Association (www.abpa.org) for a discussion on current issues.

During the past year we have taken hundreds of water samples in order to determine the presence of any radioactive, biological, inorganic, volatile organic or synthetic organic contaminants. The table below shows only those contaminants that were detected in the water. Although all of the substances listed here are under the Maximum Contaminant Level (MCL), we feel it is important that you know exactly what was detected and how much of the substance was present in the water.

REGULATED SUBSTANCES													
SUBSTANCE (UNITS)	YEAR SAMPLED	MCL (MRDL)	MCLG (MRDLG)	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE						
Fluoride (ppm)	2005	4	4	1.34	0.9-1.34	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories						
Nitrate (ppm)	2005	10	10	1.7	0.32-1.7	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits						
Chlorine (ppm)	2005	(4)	(4)	0.76	0.3-1.3	No	Water additive used to control microbes						
HAAs [Haloacetic Acids] (ppb)	2005	60	NA	5	2.3-6.2	No	By-product of drinking water disinfection						
TTHMs [Total Trihalomethanes] (ppb)	2005	80	NA	17	9.8-19	No	By-product of drinking water disinfection						
Turbidity (NTU) ¹	2005	TT	NA	1.28	0.108-1.28	No	Soil runoff						

Tap water samples were collected for lead and copper analyses from 31 homes throughout the service area

SUBSTANCE (UNITS)	YEAR SAMPLED	ACTION LEVEL	MCLG	AMOUNT DETECTED (90TH %TILE)	ABOVE ACTION LEVEL	VIOLATION	TYPICAL SOURCE
Copper (ppm)	2005	1.3	1.3	0.717	0	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
Lead (ppb)	2005	15	0	6.3	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

¹ Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of water quality and the effectiveness of disinfectants.

About Our Violation

Our water system violated one or more drinking water standards over the past year. Even though these were not emergencies, as our customers, you have the right to know what happened and what we did to correct these situations. We are required to submit monthly operating reports to the Kentucky Division of Water containing information on the quality of the water we provide to our consumers. In July of this year, we took the samples during the required time and they met drinking water standards. However, we failed to submit the results of this monitoring to the state in a timely manner. We are reviewing our procedures to ensure that this paperwork is submitted in a timely manner in the future.

We also received a reporting violation for omitting some sampling results that should have been included in the Regulated Substances table of our 2004 annual water quality report. We have made every effort to ensure that this omission will not occur again.

NOTE: These citations are reporting violations and, as such, did not impact the high quality drinking water provided to our customers or pose a threat to public health and safety.



What Makes Water "Hard"?

If substantial amounts of either calcium or magnesium, both nontoxic minerals, are present in drinking water, the water is said to be "hard." Hard water does not dissolve soap readily, so making a lather for washing and cleaning is difficult (hard). Conversely, water containing little calcium or magnesium is called "soft" water.

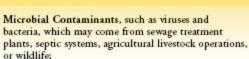
Information on the Internet

The U.S. EPA Office of Water (www.epa.gov/ watrhome) and the Centers for Disease Control and Prevention (www.cdc.gov) Web sites provide a substantial amount of information on many issues relating to water resources, water conservation and public health. Also, the Kentucky Division of Water Drinking Water Branch has a Web site (www.water. ky.gov/dw) that provides complete and current information on water issues in our own state.

Substances That Might Be in Drinking Water

To ensure that tap water is safe to drink, the U.S. EPA prescribes regulations limiting the amount of certain contaminants in water provided by public water systems. U.S. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health. The presence of these contaminants does not necessarily indicate that the water poses a health risk.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it can acquire naturally occurring minerals, in some cases, radioactive material; and substances resulting from the presence of animals or from human activity. Substances that may be present in source water include:



Inorganic Contaminants, such as salts and metals, which can be naturally occurring or may result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming;

Pesticides and Herbicides, which may come from a

variety of sources such as agriculture, urban stormwater runoff, and residential uses;

Organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and may also come from gas stations, urban stormwater runoff, and septic systems;

Radioactive Contaminants, which can be naturally occurring or may be the result of oil and gas production and mining activities.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects may be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at (800) 426-4791.

Table Definitions

AL (Action Level): The concentration of a contaminant, which, if exceeded, triggers treatment or other Requirements, which a water system must follow.

MCL (Maximum Contaminant Level): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available technology.

MCLG (Maximum Contaminant Level Goal): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MRDL (Maximum Residual Disinfectant Level): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG (Maximum Residual Disinfectant Level Goal): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

NA: Not applicable

ND: Not detected and indicates that the substance was not found by laboratory analysis.

NTU (Nephelometric Turbidity Units): measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

ppb (parts per billion): One part substance per billion parts water (or micrograms per liter).

ppm (parts per million): One part substance per million parts water (or milligrams per liter).

TT (Treatment Technique): A required process to reduce the level of a contaminant in drinking water.

Water Conservation Tips

Water conservation measures are an important first step in protecting our water supply. Such measures not only save the supply of our source water, but can also save you money by reducing your water bill. Here are a few suggestions:

Conservation measures you can use inside your home:

- · Fix leaking faucets, pipes, toilets, etc.
- Replace old fixtures; install water-saving devices in faucets, toilets and appliances.
- Wash only full loads of laundry.
- · Do not use the toilet for trash disposal.
- Take shorter showers.
- Do not let the water run while shaving or brushing teeth.
- · Soak dishes before washing.
- · Run the dishwasher only when full.

You can conserve outdoors as wells

- Water the lawn and garden in the early morning or evening.
- Use mulch around plants and shrubs.
- · Repair leaks in faucets and hoses.
- Use water-saving nozzles.
- Use water from a bucket to wash your car, and save the hose for rinsing.

Information on other ways that you can help conserve water can be found at www. epa.gov/safewater/publicoutreach/index. html.