



Lee County Environmental Engineering

Operating Permit

The annual Operating Permit for LUPWS expires each year on September 30th and must be renewed each year by October 1. Renewal notices are mailed to the owner of record by August 1, of each year. The Operating Application Form DH4092A must be completed with any changes and an Operating Permit will be issued if water system is in compliance, and all fees are paid. Operating Permit will be on form DH 4093.

Registered Limited Use Systems

Some commercial LUPWS may be exempt from obtaining an annual operating Permit if that water system does not make tap water available for public consumption. For more information about registered systems contact Becky Neice at the LCHD at 239 274 2200

Annual Inspections

Every permitted LUPWS must be inspected at least once every 12 months. Every LUPWS may be inspected at any time as Quality Assurance in response to complaints, or for any reason as required by the LCHD. If a reinspection is required as a result of violation or deficiencies, per FAC64E-8 a \$40.00 reinspection fee will be charged.

Bacteriological Requirements

Every calendar quarter, at a minimum there must be a satisfactory microbiological analysis of a sample of finished water taken at a remote location on the distribution system. If the system includes disinfection (chlorination), a source water sample for microbiological analysis must also be taken on the same day. All water samples must be analyzed by a NELAC certified laboratory. A list of certified laboratories is available from the LCHD.

Bacteriological Sampling

All system owners shall report laboratory analysis results to the LCHD within 5 days of receipt. The required sampling may be done by the owner, operator, or a water service. If requested, the LCHD will do the required calendar quarterly sampling. FAC64E-8 authorizes the LCHD to charge a fee for sample collection, which is currently \$50.00 plus a \$20.00 per analysis lab fee.

Bacteriological Sampling Schedule

If a bacteriological water sample is positive for coliform bacteria, a second water sample should be taken within 48 hours and submitted to the laboratory. If the second sample is positive, corrective action must be taken (disinfection). In order to allow enough time for any resampling and/or corrective actions, the required bacteriological sampling must be done as soon as possible in the calendar quarter.

- First quarter (January/February/March): **Suggest sample in January**
- Second quarter (April/May/June): **Suggest sample in April.**
- Third Quarter (July/August/September): **Suggest sample in July**
- Fourth Quarter (October/November/December): **Suggest sample in October.**

Lead and Nitrate Sampling Schedule

Every LUPWS must be sampled for lead and nitrate per FAC64E-8. Commercial LUPWS must be sampled every 5 years and community LUPWS must be sampled every 3 years. The owner/operator of the LUPWS will be notified by LCHD when the required lead and nitrate sampling is due.

Water System Shutdowns

If the water system is shut down, the supplier shall take steps to restore it immediately. After any shutdown, the supplies must notify the LCHD within 24 hours that the system was shut down.

Water Systems Maintenance Standards

All equipment on the water system shall function properly and be kept in good repair at all times. The minimum pressure is 20psi. After any shutdown, the supplier must notify the LCHD within 24 hours that the system was shut down. ***This includes no power due to hurricanes or any other natural disaster.**

Chlorinated Systems

Disinfection equipment (chlorinated systems) shall maintain a free available chlorine residual of 0.2ppm and a maximum of 4.0ppm residual throughout the entire system. Where continuous disinfection is required, the supplier shall test the chlorine residual daily by using a N,N-Diethyl-p-Phenylendiamine (DPD) color comparison test kit. Or a portable spectrophotometer test kit and post the result in a log kept on premises.