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A·L access LAKELAND
CITY OF LAKELAND NEWS & EVENTS
MAY 2019


# Join us for another summer filled with fun at Camp Blast!


Camp Blast is the City of Lakeland's summer enrichment program for elementary school aged children offered out of several Polk County Public Schools and Recreation Centers throughout Lakeland. Participants will enjoy weekly trips, arts and crafts, on-site games and activities, and several special events! Ongoing activities include swimming, bowling, and roller skating, just to name a few. Supervision is offered daily from June 10th through July 26th, (excluding July 4th) with two price points available. Visit www.lakelandgov.net/Camps for a list of all the campsites available and packages.

## CAMP ACTIVITIES

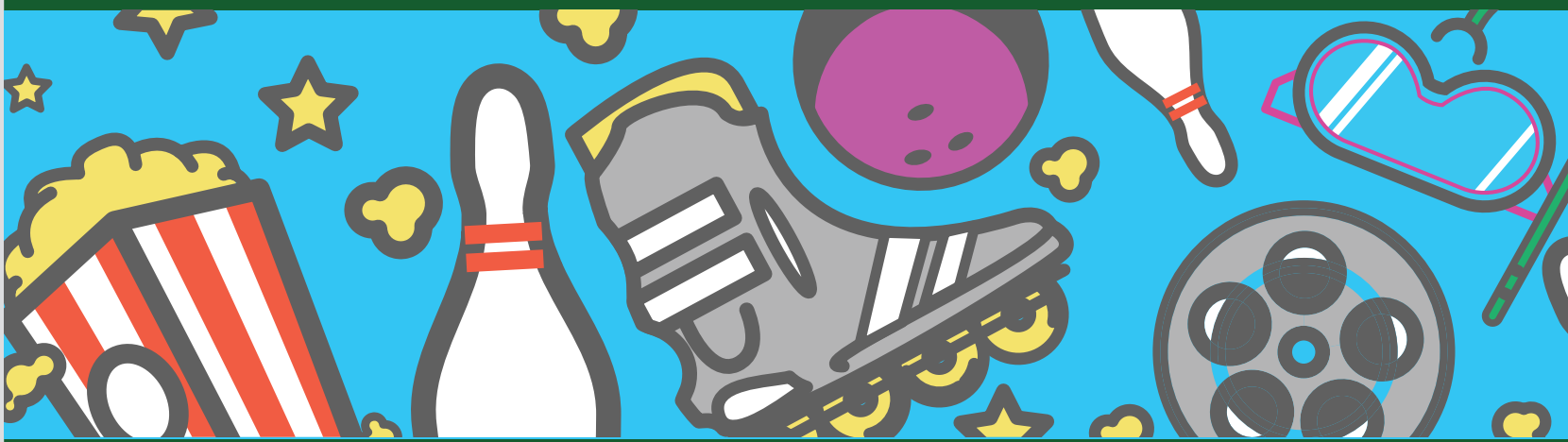
- Weekly Arts & Crafts
- Daily Games & Activities
- Wacky Olympics
- Talent Show
- And Much More!

## WEEKLY TRIPS

- Movies
- Swimming
- Skating

## OTHER TRIPS

- Lakeland Community Theater
- Bowling
- Fire Station Tour
- Circle B Bar Reserve



www.lakelandelectric.com

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# TRASH THE BAG

## LET'S KEEP OUR RECYCLING CLEAN

Many people don't know that plastic bags are not accepted in the City's Recycling program so we ask our customers to "Trash the Bag". Plastic bags clog up sorting machines bringing the recycling line to a stop. Please don't mix plastic bags with your recycled materials and certainly don't bag your recyclables because employees don't know if bagged recyclables are garbage. For the most up-to-date information about the City's recycling program, visit www.lakelandrecycles.com.

NO!

PLASTIC BAGS, WRAPPERS OR FILM

#trashthebag

lakelandrecycles.com

# CITY OF LAKELAND OFFERING $100 TOILET REBATE

## UPGRADE TO A WATER-SAVING TOILET TODAY!

The City of Lakeland is currently offering a rebate up to $100 toward the purchase of an efficient water-saving toilet. Older toilets use more than 3.5 gallons per flush and newer units use a water-conserving 1.28 gallons per flush. Switching to a newer, low-flush unit will help meet water conservation needs. Using less water ultimately results in lower water bills.

In order to qualify, a homeowner must be a City of Lakeland Water Utility customer. Homes with private water wells do not qualify for this program. Toilets being removed must currently use 3.5 gallons per flush or more. The newer replacement toilets must use 1.28 gallons per flush and be recognized as a Watersense unit. Toilets installed prior to October 2017 do not qualify. Limit is two toilet rebates per household for residential customers.

A City of Lakeland Water Utility customer can follow these steps to see if their current toilet qualifies for a rebate. Homes built before 1989 with the original toilets typically have high-flow units. Low-flow toilets are in homes built after 1995 or if a homeowner purchased toilets after 1995. An easy way to see if a toilet is high-flow or low-flow is to look behind the seat hinge on the bowl to see the listed GPF. If the GPF is 3.5, 5 or 7 then the toilet is high flow and qualifies for a rebate. If the GPF is 1.6 or 1.28 the toilet is low-flow and does not qualify.

Homeowners can also take the tank lid off and check the inside back of the tank to review the manufacture's date stamp. If the year is 1989 or before then the toilet qualifies. If the year is 1995 – present, then the toilet is low-flow and does not qualify. To find out more about the rebate program and to fill out the application, go to: lakelandgov.net/conservation

## Lake MIRROR *Historic Tour* LAKELAND, FLORIDA

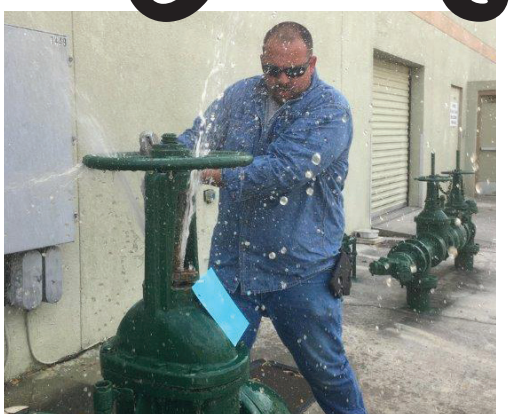
Remember Blinky, the one-eyed alligator, the unofficial mascot of Lakeland in the 1970s? Ever wondered about the Loggia at Lake Mirror and the myths that surround it? Did you know that a goat influenced the third Mayor of Lakeland's tenure? Learn about these facts and many more during the Lake Mirror Historical Tour presented by the City of Lakeland Parks and Recreation Department. Dressed in late 19th century clothing and carrying a lantern, Stacy Smith will guide participants on a ½ mile walking tour around the lake, sharing facts and myths about Lakeland, focusing on the people, buildings and businesses that shaped downtown.

The tour begins in Kryger Park at the foot of Main Street; just look for Smith and his lantern. The tour begins with a 15 minute presentation shown inside the Loggia. Once the presentation is complete, the walking portion of the tour begins. Make sure to wear comfortable shoes. Guests will be able to ask questions and share their own memories of Lakeland's history.

Tours are scheduled for the fourth Tuesday of the month and are limited to 25 people. Start times vary according to the season. To reserve your spot, call the Lake Mirror rental office at 863.834.2280. Special arrangements can be made for school groups and organizations.

## City Snaps!

Stories of your City employees creating an exceptional quality of life for Lakeland residents



Those green pipe sticking out of the ground? Those are backflow preventers, a device used to protect potable water supplies from contamination or pollution due to backflow.

Alex, a water distribution employee, is performing the yearly maintenance check on this backflow at Kohl's.

Laurie, Jess and Sandra from Lakes and Stormwater visited the rookery at Lake Somerset today.

Wood storks, spoonbills, egrets, herons, anhingas and cormorants are busy nesting... we should have some babies soon!

As part of the City's education outreach, Kevin, a City of Lakeland Parks & Recreation employee at Hollis Garden, visited a group of 3rd graders at Medulla Elementary School to talk about seed germination, anatomy & physiology of seeds and flowers, knowing the importance of correct planting location, and how you can make a career out of horticulture.

Kevin, your passion for your work is undeniable!

# LEARN HOW YOU CAN START SAVING WITH A FREE HOME ENERGY AUDIT

A FREE Home Energy Audit will help you understand and improve your home's energy efficiency. A Lakeland Electric Energy Analyst will conduct a thorough inspection of your home by surveying your insulation, duct work, water heating, cooling & heating systems and overall energy efficiency. After the audit, you will receive a customized evaluation of your home's energy efficiency as well as low- and no-cost tips for lowering your bill. The analyst will also show you how to use the Lakeland Electric website's energy toolset! Call today to set up an appointment – 863.834.9535.

# 12 STEPS TO FLOOD PROTECTION

1. **Flood Hazard:** Flooding can occur almost anywhere. Find flood hazard risk areas by visiting www.floodsmart.gov and by looking at a flood hazard risk profile.
2. **Flood Safety:** Do not walk through flowing water. Keep away from flooded areas, power lines, electrical wires, animals and snakes, etc. Look before you step. Electricity must be turned off by Lakeland Electric. Be alert for gas leaks.
3. **Flood Insurance:** Standard homeowner's insurance policies do not cover flood damage. Contact your insurance company for flood insurance or call 1-800-427-4661 for information about the National Flood Insurance Program.
4. **Property Protection Measures:** Move needed items to upper floors. Use sandbags, plywood, plastic sheeting and lumber to help reduce flood damage.
5. **Natural and Beneficial Functions:** Floodplains absorb large amounts of rain, filter stormwater runoff, reduce flooding and provide wildlife habitat. Preserve the floodplain for its natural state.
6. **Flood Warning System:** Find local emergency broadcasts at WONN 1230 AM Radio, WPCV 97.5 FM and WFTV channel 9 TV. Visit www.Lakelandgov.net for emergency broadcast information.
7. **Floodplain Development Permit:** Obtain permits before you build on, fill, alter or regrade your property in a floodplain. Report suspected illegal activity to the City's Building Inspection Division at 863.834.6012.
8. **Substantial Improvement Requirements:** Obtain permits before substantially improving your property.
9. **Drainage System Maintenance:** Keep debris out of drainage swales and ditches. Report illegal dumping to the City's Code Enforcement Division at 863.834.6251.
10. **Lakeland Flood Hazards:** The Lakeland urban areas most prone to flooding are within the drainage basins of Blackwater and Itchepackesassa, Poley and English Creeks.
11. **Flood Elevation Certificates:** Flood Elevation certificates are available at City Hall in the Building Department or online at www.lakelandgov.net
12. **Flood Hazard Maps:** Flood Maps are available at the main Lakeland Library and City Hall or visit www.fema.gov


CITY OF Lakeland
www.lakelandgov.net
228 SOUTH MASSACHUSETTS AVENUE
LAKELAND, FLORIDA 33801
863.834.6000


## STAY CONNECTED

***Online*** | www.lakelandgov.net ***In Person*** | City Hall • 8AM – 5PM • Monday-Friday
facebook.com/lakelandgov | twitter.com/lakelandgov | instagram: lakelandgov
***Listen Lakeland*** • First Sunday • ***FM 97.5*** WPCV @ 8:30AM | ***FM 98.3*** WWRZ @ 8AM | ***AM 1430*** WLKF @ 8AM | ***AM 1230*** WONN @ 9AM

***Public Meetings*** | City Commission Meetings • First and Third Monday • 3PM | Utility Committee Meetings • First Monday • 1PM
***Live Broadcast on LGN*** | Channel 643 (Spectrum) | Channel 43 (Frontier FiOS)

***IMPORTANT NUMBERS:***
***City Hall*** • 863.834.6000 ***Lakeland Electric Customer Service*** • 863.834.9535 ***Power or Water Outages*** • 863.834.4248
***Pollution Hotline*** • 863.834.3300 ***LPD Crime Tips Hotline*** • 863.834.2549 ***LPD (Non-Emergency)*** • 863.834.6900

***PAYING YOUR UTILITY BILL:***
ONLINE | www.lakelandelectric.com BY PHONE | 863.834.9535
IN PERSON | Lakeland Electric has partnered with over 50 local businesses including area AMSCOT offices to accept your utility payment.

# 2018 ANNUAL DRINKING WATER QUALITY REPORT

## DEAR CITY OF LAKELAND CUSTOMER:

**The Safe Drinking Water Act (SDWA) requires that utilities issue an annual "Consumer Confidence" report to customers in addition to other notices that may be required by law. This report details where our water comes from, what it contains, and the risks our water testing and treatment are designed to prevent. The City of Lakeland is committed to providing you with the safest and most reliable water supply. Informed consumers are our best allies in maintaining safe drinking water. We are proud to report that the water provided by The City of Lakeland meets or exceeds established water-quality standards.**

*NATIONAL PRIMARY DRINKING WATER REGULATION COMPLIANCE*

**For more information, or to request a copy of this report, call the City of Lakeland at (863) 834-6802. The water plant operator on duty will be glad to answer any questions. Water Quality Data for your community water system is available at:**
**http://www.lakelandgov.net/water/water/water-quality**

## THE QUALITY OF DRINKING WATER TO OUR CUSTOMERS

The City of Lakeland, Department of Water Utilities serves 60,127 metered accounts with a population of 180,792 people. In 2018, we distributed over 8 billion gallons of water to our customers.

**WATER SOURCE**
Nineteen wells (13 wells at the T.B. Williams WTP and 6 wells at the C.W. Combee WTP) drilled 750 feet into the Floridan aquifer, cased and grouted 200 feet below the surface provide raw water to the City's two lime softening plants. Utilizing a variety of treatment processes the operators control the blending of raw water with softened water to produce water with stability slightly on the scale forming side (utilizing Langlier's Saturation Index as the primary parameter). After blending the water, it is then filtered utilizing dual media filters consisting of anthracite and sand. The finished water is then delivered to the transmission/distribution system using high service pumps to maintain system pressure. Chemical addition includes calcium hydroxide (lime) and polymer in the lime softening process, starch for sludge conditioning, fluoride for dental health, phosphate for calcium sequestration prior to filtration and chlorination to 2.8 ppm free chlorine residual for disinfection.

**SOURCE WATER ASSESSMENT AND PROTECTION PROGRAM***
**Size of Assessment Area:** For this community system, a 5-year ground water travel time around each well was used to define the assessment area. The 5-year ground water travel time is defined by the area from which water will drain to a well pumping at the average daily permitted rate for a five-year period of time.

**Number of Wells: 19**
The Department of Environmental Protection has performed a Source Water Assessment on the **T.B. Williams and C.W. Combee Treatment Plants** in 2018. The assessments were conducted to provide information about any potential sources of contamination in the vicinity of our wells. There are 11 Unique Potential Contaminant Sources identified for this system. 9 wells have been identified with a "moderate" concern level and 8 Wells have been identified with a "high" concern level. The assessment results are available on the FDEP Source Water Assessment and Protection Program website at www.dep.state.fl.us/swapp.

**AN EXPLANATION OF THE WATER QUALITY DATA TABLE**
The table shows the results of our monitoring for the period of January 1 to December 31, 2018 and includes test results in earlier years for contaminants sampled less than once a year. For contaminants not required to be tested in 2018, test results are for the most recent testing done in accordance with the regulations. The table on the right contains the name of each substance, the highest level allowed by regulation (MCL), the ideal goals for public health (MCLG), the amount detected, the usual sources of such contamination, footnotes explaining our findings, and a key, referencing units of measurement. Definitions of MCL, MCLG, MRDL and MRDLG are important.

**MAXIMUM CONTAMINANT LEVEL OR MCL**
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 treatment technology.

**MAXIMUM CONTAMINANT LEVEL GOAL OR MCLG**
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.

**Maximum Residual Disinfectant Level or MRDL:**
The highest level of a disinfectant allowed in drinking water.

**Maximum Residual Disinfectant Level Goal or MRDLG:** The level of a drinking water disinfectant below which there is no known or expected risk to health.

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## REQUIRED MONITORING TEST RESULTS TABLE

Key to Table: **AL**= Action Level **MCL**= Maximum Contaminant Level **MCLG**= Maximum Contaminant Level Goal **pCi/L** = Pico curies per liter (a measure of radioactivity in water) **ppm**= parts per million or milligrams per liter (mg/l) (One part by weight of analyte to 1 million parts by weight of the water sample)., **ppb** = parts per billion(One part by weight of analyte to 1 billion parts by weight of the water sample),or micrograms per liter (µg/L) **n/a**= Does Not Apply **ND**= indicates that the substance was not detected by laboratory analysis

**NON-SECONDARY CONTAMINANT TABLE**

** Results in the Level Detected column for radiological contaminants and inorganic contaminants are the highest average at any of the sampling points or the highest detected level at any sampling point, depending on the sampling frequency.

| Contaminant and Unit of Measurement | Monitoring Period Month/ Year | MCL Violation Yes/No | Level Detected ** | Range of Results | MCLG | MCL | Likely Source of Contamination |
|---|---|---|---|---|---|---|---|
| **Radiological Contaminants** | | | | | | | |
| Alpha Emitters (pCi/L) | 1/1/2017-12/31/2017 | No | 3.55 | ND – 3.55 | 0 | 15 | Erosion of natural deposits |
| Radium 226 + 228 or combined Radium (pCi/L) | 1/1/2017-12/31/2017 | No | 0.63 | ND – 0.63 | 0 | 5 | Erosion of natural deposits |
| **Inorganic Contaminants** | | | | | | | |
| Barium (ppm) | 1/1/2017-12/31/2017 | No | 0.008 | ND -0.008 | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| Fluoride (ppm) | 1/1/2017-12/31/2017 | No | 0.74 | 0.32-0.95 | 4 | 4 | Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at the optimum level of 0.7 ppm |
| Sodium (ppm) | 1/1/2017-12/31/2017 | No | 10.8 | 6.3 -10.8 | n/a | 160 | Salt water intrusion; leaching from soil |

**Stage2 Disinfectant / Disinfectant By-Products Rule**

Chlorine: Level Detected is the 2018 monthly average for residual Chlorine; Range of Results is the range of 2018 average monthly Chlorine residual level results (lowest to highest) at the individual sampling sites. TTHMs and HAA5s: Level detected is the highest LRAA detected in 2018 and the Range of Results is the 2018 results (lowest to highest) at the individual sampling sites.

| Disinfectant or Contaminant and Unit of Measurement | Dates of sampling (mo./yr.) | MCL Violation (Y/N) | Level Detected | Range of Results | MCLG | MCL | Likely Source of Contamination |
|---|---|---|---|---|---|---|---|
| Chlorine | 1/01/2018-12/31/2018 | No | 1.66 | 1.55 – 1.72 | MRDLG= 4 | MRDL = 4 | Water additive to control microbes |
| Haloacetic Acids (HAA5)(ppb) | 1/01/2018-12/31/2018 | No | 27.4 | 11.8 – 32.3 | N/A | 60 | By-product of drinking water disinfection |
| Total Trihalomethanes (TTHM) (ppb) | 1/01/2018-12/31/2018 | **No** | 52.9 | 18.0 – 64.0 | N/A | 80 | By-product of drinking water disinfection |

**Lead and Copper (Tap Water)**

| Contaminant and Unit of Measurement | Dates of sampling (mo./yr.) | AL Violation Y/N | 90th Percentile Result | No. of sampling sites exceeding the AL | MCLG | AL (Action Level) | Likely Source of Contamination |
|---|---|---|---|---|---|---|---|
| Copper (tap water) (ppm) | 8/2017 | No | 0.20 | 0 | 1.3 | 1.3 | Corrosion of household plumbing; erosion of natural deposits; leaching from wood preservatives |
| Lead (tap water) (ppb) | 8/2017 | No | 3.0 | 0 | 0 | 15 | Corrosion of household plumbing; erosion of natural deposits; |

Water-Quality Table Footnotes: Although we ran many tests, only the listed substances were found. They are all below the MCL required.

## REQUIRED HEALTH INFORMATION

*If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Lakeland is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead*

*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 dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.*

***Contaminants that may be present in source water include:***

***(A)*** *Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.*

***(B)*** *Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.*

***(C)*** *Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.*

***(D)*** *Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.*

***(E)*** *Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.*

*In order to ensure that tap water is safe to drink, the EPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.*

*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 the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791Some people may be more vulnerable to contaminants in drinking water than the rest of the general population. Immuno-compromised 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 can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800-426-4791).*

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