

LEDs offer efficiency, quality and durability at competitive prices

Light Emitting Diode (LED) is a highly energy-efficient technology that offers durable, long-lasting, high-quality lighting.

Benefits of LED bulbs

- Efficiency - LED bulbs use only 2-17 watts of electricity – a fraction of what incandescent or even CFLs use. And they remain cool, save electricity and don't need to be replaced often.

- Cost - although LEDs cost more initially, that cost is recouped over time and the cost of LED bulbs continues to go down.

- Longevity - LED bulbs last up to 25 times as long as incandescent lighting.

- Durability - since LEDs do not have a filament, they are not

easily damaged like their fragile, incandescent counterparts, and they hold up well to jarring and bumping.

- Temperature - LED's don't heat up like incandescent bulbs. This saves a lot of energy, money and reduces A/C costs in the summer.

- Mercury-free - no mercury is used in LEDs making use and disposal safer.

- Light for remote areas and portable generators - LED light bulbs are also ideal for use with small portable generators which homeowners use for backup power in emergencies.

When choosing LED bulbs:

- Choose desired brightness - you can use wattage to compare bulb

illumination; for example, a 9-watt LED is equivalent in output to a 45-watt incandescent.

- Choose between warm and cool light - new LED bulbs are available in 'cool' white light, which is ideal for task lighting, and 'warm' light, commonly used for accent or small area lighting.

- Choose dimmable bulbs - some LEDs work on a dimmer switch.

- Look for certifications - including FCC, ENERGY STAR and UL.

LWP partners with local retailers to provide discounted LED bulbs, dimmer switches and occupancy sensors. Prices already reduced, no rebate application needed. For participating retailers, visit: cityofloveland.org/EELighting.

Utility billing office at Service Center closing

Because of new security measures that will be implemented at the Service Center, the Utility Billing Office at 200 N. Wilson Ave. will close effective January 1, 2015.

The utility payment drop box will remain for customers who choose to drop off their utility payment.

Walk-in customers may visit the Utility Billing Office at 500 E 3rd St. from 8 a.m.-5 p.m., Monday through Thursday and 8:30 a.m.-5 p.m. on Friday.

Utility bills can also be paid online with a VISA, MasterCard, Discover or American Express card at cityofloveland.org.

For questions, contact the Utility Billing Office at 962-2111.

If you are a Loveland Water and Power customer, a free home efficiency assessment with water and energy saving upgrades is available to you.

SAVE MONEY ON WATER & ENERGY AT HOME

The Larimer County Conservation Corps has partnered with Loveland Water and Power to offer services and products to improve your home's efficiency at no cost to you. This limited time offer is available from January until May.

CONTACT US TODAY TO FIND OUT MORE!
(970) 498-6081 or visit larimerworkforce.org/energy

LARIMER COUNTY CONSERVATION CORPS

TAKE ADVANTAGE OF THIS FREE HOME EFFICIENCY ASSESSMENT TODAY!

CFLs – a good choice in efficient lighting – must be disposed of properly

Compact Fluorescent Light bulbs (CFLs) offer another option for energy-efficient lighting.

They use less energy and reduce landfill waste. Compared to a conventional bulb, a CFL uses approximately 75 percent less energy, saving more than \$30 over its lifetime, and lasts six to 10 times longer.

All fluorescent bulbs contain trace amounts of mercury, a toxic metal. It is important that they be disposed of correctly. The amount of mercury in a CFL is extremely small – about the size of the period at the end of this sentence – and does not pose a direct health risk when handled properly.

Residential CFL disposal options

Although it's legal to throw away CFL bulbs in the trash, Loveland Water and Power recommends they be recycled. Several local hardware stores and retailers offer free CFL recycling. Locations are listed at cityofloveland.org/EELighting.

Unbroken CFL bulbs and other mercury-containing devices also may be taken to the Larimer County Landfill Hazardous Waste Collection Facility, 5887 S. Taft Hill Rd. (970-498-5773, co.larimer.co.us/solidwaste/haz.htm).

Recycle your CFLs

- Enclose unbroken CFL bulbs in a sealed plastic bag to reduce the risk of bulb breakage.

- Drop off at a participating Loveland store.

Cleaning up a broken CFL

If a CFL bulb breaks, your greatest risk is being cut from the glass

rather than exposure to the mercury. To minimize risk even further:

- Open a window or outside door and leave the room for 5-10 minutes.

- Shut off your air-conditioning/heating system.

- Carefully scoop up glass fragments and powder using stiff paper or cardboard and place all associated debris in a glass container with a lid or a sealable plastic bag.

- Instead of sweeping, use sticky tape to pick up remaining glass

fragments, then wipe the area clean with damp paper towels. Place all debris in the jar or bag.

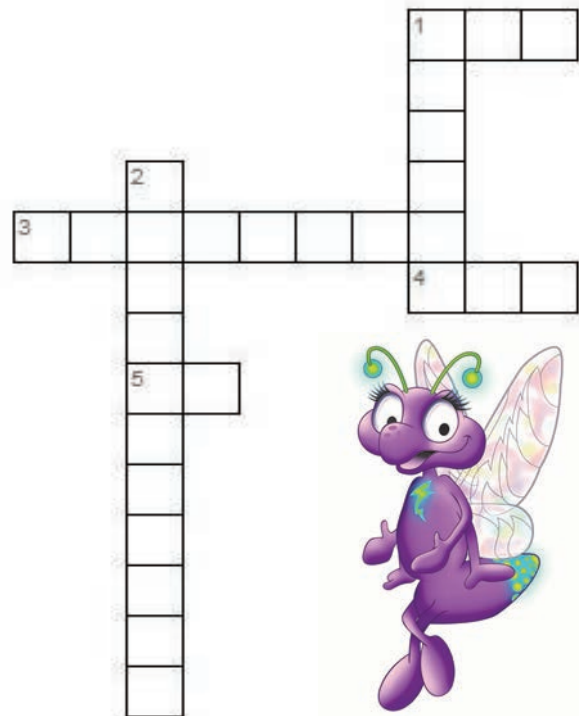
- Limit vacuuming. If you must vacuum, use the hose and throw away the bag.

- Store all bulb debris in a protected outside area until you take it to a participating Loveland recycling retailer.

Details at epa.gov/cfl. For more information on CFLs and other energy-efficient lighting options, visit cityofloveland.org/EELighting or call Loveland Water and Power at 962-3000.

Kids

KORNER



Across

1. These light bulbs use less electricity than either a CFL or incandescent bulb.
3. Is a unit that measures electrical energy.
4. Solar panels use the _____ to produce electricity.
5. Turn off the _____ when you are done watching it.

Down

1. Turn off the _____ when they are not being used.
2. Powers machines, heats and cools your home and lights up your school.



THE LOVELAND

CITY UPDATE

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IT'S A WRAP: Eric Woolsey of Denver-based Premier Graphics applies a scenic photo wrap to a new City of Loveland hybrid trash collection truck.

Loveland's green fleet goes greener

Hybrid garbage trucks added to City's fleet of eco-friendly vehicles

Conservation is a community-wide ethic in Loveland.

We use less treated water than just about any other Colorado Front Range city. We use less electricity, too, than most.

We are the regional recycle-reuse champions, with about 60 percent of our solid waste burden diverted away from the Larimer County Landfill, much to the envy of recycling promoters in Boulder

and Fort Collins.

It is fitting, then, that Loveland would integrate into its fleet of government vehicles those that use less gasoline or diesel fuel or, in the case of the growing plug-in electric car fleet, none.

Enter the hybrid garbage truck. Or trucks. Six of them, each equipped with a hydraulic hybrid drive system that will save 50 percent of fuel costs and make their stop-go travel much more efficient, begin running collection routes this month.

Residents won't miss them. The new trucks are the prettiest in...

well, the world? With the Ohio-based dealer footing the bill, each is wrapped in a high-definition photo print of Lake Loveland ablaze in reflected fall color, with Palisade Mountain and the snow-dusted Mummy Range as a backdrop.

They are, apart from super-efficient trash wrangling machines, rolling billboards displaying Loveland's scenic beauty.

The six new trucks represent a \$2.4 million investment of capital reserves from the Public Works Department's Solid Waste Division.

But the state-of-the-art hydraulic drive system that stores

(continued on page 2)

Hybrid truck (from page 1)

braking energy then releases it to save fuel and reduce emissions offers a hefty payback, beginning the day the trucks go into use.

Along a daily route serving 1,200 homes, making 800 to 900 complete stops and starts, a conventional garbage truck gets about 2.4 miles to the gallon.

“That’s pretty bad,” Loveland Fleet Manager Steve Kibler said. No. That’s really bad.”

The RunWise hybrid drive system, built by Columbus, Ohio-based Parker-Hannifin, is designed specifically for high-powered vehicles that require frequent stops and starts. Instead of solely using power from a gasoline or diesel engine, the system stores energy used in braking to power the truck when it accelerates from a stop.

The stored braking energy, not wasted on heat and friction on braking surfaces, also means that brake replacement jobs can be done once in the truck’s life cycle, rather than annually at a cost of \$2,500 per



STREET READY: Clifton Dearmond of Premier Graphics puts some finishing touches on a scenic wrap.

truck. The combined fuel and maintenance numbers make for a pretty easy spreadsheet that shows the payback rate on the RunWise hydraulic system.

Annual fuel and repair cost savings total \$15,736 per truck, meaning that the ownership cost begins dropping steeply in year No. 1. Within 6.3 years, the system pays for itself, then starts giving money back

as savings roll on through the truck’s projected 10-year life cycle.

The trucks also get raves from the Loveland Public Works employees who drive them.

“It’s not as jerky, and it’s much, much faster in the launch,” Kibler said. “It’s a huge improvement to the way we’re operating right now. More comfortable, better visibility, and much more driver-friendly.”

ReCollect: New ‘phone app’ makes trash and recycling even simpler

Loveland is already the undisputed Northern Colorado recycling champion.

But we can get even better at steering our cast-off away from the Larimer County landfill.

And, we can make the mundane weekly chore of taking out the garbage more efficient and mistake-free.

Simple, practical and portable, a new, free application for phones, tablets and other handheld devices is now offered by Loveland’s Solid Waste Division to put information about recycling and conventional trash disposal at your fingertips with the new ReCollect mobile app

offering.

Reminders about trash collection days, yard waste pickups, changing holiday schedules are automatic for users, and information about what can and cannot be picked up in recycling bins is always available on demand.

The app is likely to save the City money on making separate trips for missed trash pick-ups, give residents plenty of notice about



weather delays and advance notice of when trash trucks do double-duty as snowplows.

“Every household puts their trash out each week, 52 weeks a year,” Loveland Streets and Solid Waste Manager Mick Mercer said. “This is something every one of them can use. I think this will resonate with people here.”

To download the ReCollect app, go to cityofloveland.org/solidwaste. For more information call the Solid Waste Division at 962-2529.

Start the year with some arts and culture at the Rialto and Museum/Gallery

Just because the holidays are in the past doesn’t mean that Lovelanders will be lacking for things to do. The Rialto Theater Center and Loveland Museum/Gallery have plenty on tap for all ages and tastes.

Events at the Rialto:

Rhythmic Circus: Feet Don’t Fail Me Now!

7:30 p.m., Friday, Feb. 6



An award-winning off-Broadway show featuring rapid fire tap mixed with live musical performances and a human beat box. Feet Don’t Fail Me Now has sold out venues across Colorado and is coming to Northern Colorado for this first time. The show’s brilliance has been marked by rave reviews, sold-out engagements, and numerous awards. Tickets: \$54 in advance, \$59 day of show.

An Evening of Comedy and Vaudeville Featuring Dr. Kevin Fitzgerald and Peter Davison

7:30 p.m., Friday, Feb. 13

Best known for his 10 seasons on the popular Animal Planet TV show Emergency Vets, comedian/veterinarian Kevin Fitzgerald has appeared on NBC Nightly News with Tom Brokaw, The Today Show with Matt Lauer, and The Late Late Show with Craig Ferguson. Peter Davison, a Colorado-based

vaudeville performer, has been described by many as a cross between Charlie Chaplin and Fred Astaire. With skill, imagination, and humor, Peter presents one-of-a-kind solo performances and has appeared on CBS, BBC, and Fox television networks. Tickets: \$25 in advance, \$29 day of show.

Colorado Jazz Repertory Orchestra: Love is in the Air
7:30 p.m., Saturday, Feb. 14

Part of the Rialto Theater Center’s new and highly anticipated CJRO performance series, this thrilling big-band jazz concert features Denver’s top jazz musicians and internationally-touring jazz vocalist Heidi Schmidt. Tickets: \$22 in advance, \$18 student/senior in advance, \$26 day of show.

Events at the Museum:

Valentines card Stamp Camp

4-5 p.m., Thursday, Feb. 5

1-2 p.m., Saturday, Feb. 7 – both days are free

Since 1947, people from all over the world have been sending Valentine

cards to Loveland to be cancelled with a Sweetheart City stamp. Join the Museum, United States Postal Service, and the Chamber of Commerce as we introduce a new generation to this tradition. Learn about the program’s history and help stamp 2015 Valentines.

Both camp sessions are open to anyone over the age of 10. Space is limited. To register call 962-2410.

Chinese New Year celebration at the Museum

4:30-6 p.m., Thursday, Feb. 19 – free event

Take part in Chinese New Year traditions while snacking on yummy treats and learning about the significance of plants in Chinese art.

2014 Accomplishments

Many City departments have a lot to show for 2014.

To see a list of some of their accomplishments, logon to cityofloveland.org/accomplishments after February 1.

Chilson Has Expanded Childcare Hours for 2015!



Monday-Friday 8am*-1:30pm
(mornings, Jan-Apr)

Monday-Thursday 4pm-8pm
(evenings)

Friday 4pm-7pm
(evenings, Nov-Apr)

Saturday 9am-12pm
(Nov-Apr)

***This new 8am time is a trial run!**

Childcare Visit: \$1.75 per child
Max 2 hours



700 E 4th Street • Loveland, CO • 970-962-2FUN • www.CityofLoveland.org/Chilson



Residents invited to help ‘Create Loveland’ at several upcoming events

Are you interested in how Loveland will grow in the coming years? How new neighborhoods will look and feel? Where opportunities for shopping and employment will be located? How the core of Loveland will be rejuvenated? Then please come join us for Create Loveland Community Choices month this February.

Throughout the month the Create Loveland planning team will be going out into the community to ask residents and businesses about how we should make important choices regarding growth and change in the community. We will be discussing the choices the community faces about where it should change the way it is growing and where it should make sure to continue with its present direction. We will be asking where there are opportunities for Loveland to capitalize on its strengths,

character, and natural resources.

Citizens are invited to kick-off these activities at an open house:

6-8 p.m., Tuesday, Feb. 3
Loveland Public Library
300 N. Adams in Loveland



We will also be present at the Fire & Ice Festival in downtown Loveland on February 14. Additionally, you will be able to stop by and talk to us at community gathering places including Loveland Aleworks (118 W. 4th St.), 5-7 p.m. on Tuesday, Feb. 10, and at the Coffee Tree, 2-4 p.m., Thursday, Feb. 26, 210 E. 4th St.

Create Loveland is the new community master plan that will guide growth and development decisions over the next ten years and beyond with the goal of making sure Loveland remains a fiscally sound community with a high quality of life. Because it will guide so many important decisions about where new neighborhoods, retail centers, and employment opportunities are built, it is important that the planning team gets residents’ input.

We hope that you can join us at one of the February events. You can also visit us at createloveland.com where you can virtually engage in the community discussion, check in on the plan’s progress, leave comments, and sign-up for email updates.

For more information call Karl Barton, 962-2721, or email him at Karl.Barton@cityofloveland.org.

Library’s Waggin’ Tales provides comfort and motivation to young readers

Waggin’ Tales is an innovative program that provides readers the opportunity to read to a licensed therapy dog in the library’s Children’s area. The program is geared for young, beginner readers but all ages and reading levels are welcome.

Reading to a dog provides readers with a safe and nonjudgmental listener, allowing the reader to practice without being judged, which helps improve their confidence. Highly trained therapy dogs are calm, patient, and soothing. The

program hopes to foster a love of reading for children who may have struggled with it in the past.

Interested readers can sign up at the library’s Children’s desk for individual sessions to read to the ‘dog on duty’ that day. Sessions typically last about 10-15 minutes and are offered on a first come-first serve basis.

Waggin’ Tales occurs on Tuesdays and Thursdays from 3:30-4:30 p.m., Wednesdays from 4:30-5:30 p.m., and Saturdays from 1-2 p.m.

There are currently ten dogs of various breeds in the program and all handlers and dogs are registered with Therapy Dogs Inc.



For more information go to lovelandpubliclibrary.org to view the calendar or call 962-2587.

City Update is a monthly publication of the City of Loveland. Residents receive City Update according to their utility billing cycle. Timeliness of the information may be affected by recipients’ billing schedule. City Update is also available around the first of every month on the City’s website at www.cityofloveland.org. Your comments are encouraged and welcomed at 962-2302, or Tom.Hacker@cityofloveland.org. The City of Loveland is committed to providing an equal opportunity for citizens and does not discriminate on the basis of disability, race, color, national origin, religion, sexual orientation or gender. The City will make reasonable accommodations for citizens in accordance with the Americans with Disabilities Act. For more information, please contact the City’s ADA Coordinator at 962-3319 or Bettie.Greenberg@cityofloveland.org.

