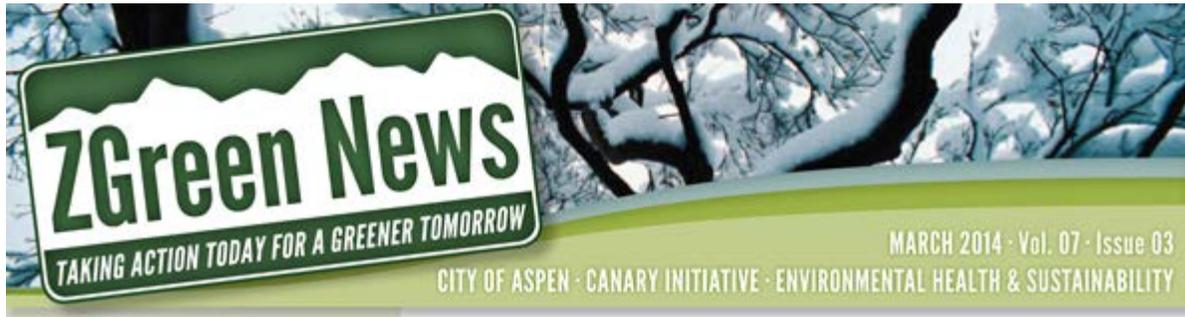


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In This Issue

ARTICLES

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What's in a Name?

[Colorado Water Plan](#)



Green Events

CALENDAR

Tue. Mar. 4, 5:30 - 7 pm

**Time Travel Tuesday
Equestrian: Happy Trails**

Limelight Hotel, Aspen

Learn how longtime locals have turned their Aspen vacations into vocations. The panel features folks who have turned their love for outdoor adventures into thriving local businesses. \$8 admission fee. For more information [click here](#) or call 970.925.3721.

Wed. Mar. 5, Noon - 1:30 pm

**Deciphering LEED v4
for Architects and
Builders: New Code**

Deicing

POLLUTES OUR RIVER

We all know that it's important to remove ice and snow from walkways to prevent slip and fall injuries. However, we often forget the damage that some ice-melt products can do to the environment.

Salt and sand have traditionally been used for deicing. Unfortunately, when ice melts in Aspen, any salt, chemicals or sand along with it flow into street drains and, where stormwater vaults don't exist, this mixture goes directly into the Roaring Fork River. Salt can ruin soils, kill plants, and is toxic to many species in the river's ecosystem. Sand can clog storm drains, destroy stream habitat, smother fish, and carry other pollutants to the river. The combination of deicers used on all of the sidewalks, roads, and driveways in town can be disastrous for our river.

When it comes to snow removal, the absolute best method is muscle and elbow grease. Deicers work best when only a thin layer of snow or ice must be melted.

Guidelines for Removing Snow and Ice This Winter:

Words You Should Know

Aspen Firehouse, 420 E Hopkins, Aspen

Avinash Gautam and Clayton Bartczak from Ambient Energy will give a presentation that explains the changes in LEED v4 from LEED v2009 while discussing the methodology adopted by US Green Building Council to develop LEED v4. Free to Members and \$10 for Non Members. For more information [click here](#).

Wed. Mar. 5, 7 - 8 pm Stories from the Field: National Geographic Assignments and Beyond ACES Hallam Lake, Aspen

By foot, boat, rickshaw, raft, bus, train and elephant, National Geographic grantee, Pete McBride traveled every inch of the Ganges last fall with Eddie Bauer athletes and Seven Summit Guides to document the river, the culture and water quality from source to sea. Free to Members and \$5 for Non Members. For more information [click here](#) or call ACES at 970.925.5756.

Sat. Mar. 8, 10 am - Noon Living Laboratory Workshop: Soil Fertility Pitkin County Solid Waste Center

Pitkin County's new CSU extension agent, Jeff Pieper, and Jack Johnson will be hosting a FREE two-day soil fertility workshop at the Pitkin County Solid Waste Center (the landfill). A

- Remove snow before applying a deicer (do not use deicer as your only way to get rid of ice).
- Decide if a deicer is needed given the temperatures expected that day.
- Use just enough deicer to reduce safety hazard: a handful for every square yard (even less for other products so read the application instructions). More salt does not mean more melting.
- Use only enough deicer to break the bond between the ice and pavement, remove the remaining slush by shoveling.
- Sweep up and properly store salt after a snow storm for reuse.
- To melt thick ice in very cold weather, add a small amount of water to the deicer to initiate melting.
- To further aid melting and provide sure-footing, mix the deicer with a small amount of sand/gravel.
- Do not use fertilizer, especially urea fertilizer.
- Use alternative methods (see below).

Many deicing products claim to be environmentally friendly. Don't assume that these products will have no impact on our waterways or aquatic life. **A good rule of thumb: If you don't want to drink it, it doesn't belong in our river.** Calcium magnesium acetate (CMA) was developed as a deicing alternative because it has fewer adverse environmental impacts than salt and doesn't cause corrosion. Although CMA is more expensive than rock salt and still has impacts on the environment, it is the recommended option of the two.

Alternatives to Deicer. Because rock salt is hard on the environment, here are some interesting alternatives:

- Mozzarella cheese brine is used in Wisconsin.
- Sugarcane molasses has been used in Minnesota.
- Beet juice is used in Toronto and is growing in popularity elsewhere.

SPOTLIGHT:
Aspen's Water Picture

free soil sample analysis, compliments of Pitkin County, will be offered to the first 10 participants! Email [Jack Johnson](mailto:Jack.Johnson@pitkincounty.com) or call 970.429.2885 for more information.

Tue. Mar. 11, 5:30 - 7 pm
Homemade Pasta: Last cooking demonstration of the season!
ACES Rock Bottom Ranch, Basalt

Rock Bottom Ranch Director and chef, Jason Smith, demonstrates how to prepare fresh pasta from dough handling to finished product. Class includes a recipe to take home and samples to taste. Free for Members and \$5 for Non Members. Please RSVP to 970.927.6760 or for more information [click here.](#)

Tue. Mar. 11, 5:30 - 7 pm
Time Travel Tuesday Cycling: Working on the Chain Gang
Limelight Hotel, Aspen

Learn how longtime locals have turned their Aspen vacations into vocations. The panel features folks who have turned their love for outdoor adventures into thriving local businesses. \$8 admission fee. For more information [click here](#) or contact the Aspen Historical Society at 970.925.3721.

Wed. Mar. 12, 7 - 8 pm
Camino de Santiago: A 500-Mile Trek Across Spain
ACES Hallam Lake, Aspen

Glenn Beaton will share his journey on the Camino

In recognition of World Water Day on March 22, ZGreen turns the March spotlight on our local water picture and the folks who keep Aspen's water healthy, clean and sustainable.



Above: Maroon Creek head-gate near T Lazy 7 Ranch

Who: Rob Covington

Water Resources/Hydroelectric Supervisor

Water Role:

- Manages the raw water flowing from Maroon and Castle Creeks into the City's drinking water and irrigation systems.
- Maintains City's water rights through agreements with homeowners using ditch water for irrigation.
- Makes sure drinking water supply needs are met while maintaining year-round minimum in-stream-flows for healthy rivers: 14 cfs (cubic feet per second) on Maroon Creek and 12 cfs on Castle Creek.

March Focus:

Clearing ice and snow or debris from run-off out of head-gates to keep water flowing through ditches and intakes for the water treatment plant.



Who: Lee Ledesma

Utilities Finance and Administrative Services Manager

de Santiago. It is a half-thousand mile trek and an ancient pilgrimage dating back to 900 A.D. Free to Members and \$5 for Non Members. For more information [click here](#) or call ACES at 970.925.5756.

**Thu. Mar. 13, 7 - 8pm
Naturalist Nights
Lecture: Forests During
the Time of the
Mastodons: Ziegler
Reservoir Fossil Site
ACES Hallam Lake,
Aspen**

Dane Miller will tell a story of the forest ecology and climate during the time frame of the American Mastodons and Jefferson's Ground Sloths at the Ziegler Reservoir fossil site. For more information [click here](#) or call ACES at 970.925.5756.

**Fri. Mar. 14 and Sat.
Mar. 15, 8 pm
Green is the New Black
Fashion Extravaganza:
Down the Rabbit Hole
Carbondale Recreation
Center, Carbondale**

CCAH presents the sixth annual show, which features sustainable designs by local and national designers and modeled by Carbondale locals! Pre-show dessert reception, beer and wine bar, and martini bar. VIP Runway Seating Tickets: \$100 General Seating: \$30/CCAH Members and \$35/Non-Members. For more information [click here](#).

**Sat. Mar. 15, 10 am -
Noon
Living Laboratory
Workshops: Season
Extension Tips**

Water Role:

- Focuses on conservation regardless of how much melted snow and precipitation will flow through the City's head-gates to become drinking water.
- Partners with [Colorado's Slow the Flow](#) program offering sprinkler audits [water wise landscape seminars](#), and a custom, high altitude [Garden in-a-Box](#). Visit the link and watch for order details and discounts in your Aspen utility billing insert.
- Leads the development the Valley's Roaring Fork Water Efficiency Plan which will use a \$100,000 State grant to link conservation efforts from Aspen to Carbondale.

March Focus:

Reminding everyone that conservation is a year round activity. Check out the [water use calculator](#) and then pledge to reduce individual use by ten percent.



Who: April Long
Stormwater Manager

Water Role:

- Protects the Aspen section of the Roaring Fork River, which a 2006 Citizen and City staff group found to be severely degraded due in part to direct discharges of untreated stormwater from city streets.
- Implements capital projects to treat stormwater before it hits the river and heads a Mud and Flood Team to clean and clear inlets into the system.
- Oversees the construction of the Rio Grande Park, an engineered wetland connected to a stormwater vault located under the Rio Grande Recycling center that will remove 99 percent of the particulate matter in one third of the City's stormwater.

March Focus:

Always looking for a larger snowpack for a healthy Roaring Fork River, but also paying attention to possible

Pitkin County Solid Waste Center

Master gardener Rick Kangas will discuss how to incorporate cold frames, green houses, high tunnels and hoop houses into your garden to extend the growing season in our area. Email [Jack Johnson](mailto:Jack.Johnson@pitkincounty.com) or call 970.429.2885 for more information.

Wed. Mar. 19, 4 - 7:30 pm
Capital Creek Ranch Snowshoe Hike
Meet at Highway 82 Park and Ride, Old Snowmass

Join Paul Holsinger, Open Space Land Officer, Steve Child, Pitkin County Commissioner, and Roaring Fork Conservancy staff on snowshoes through the Capitol Creek Ranch riparian area. Snowshoes are required. FREE and appropriate for ages 12 years and older. Registration required. Please call 970.927.1290 to register or [click here](#) for more information.

Wed. Mar. 19, 5 - 7 pm
Aspen's FREE Green Drinks
Hotel Durant, 122 E Durant St, Aspen

The fun green networking event series is back for 2014. Aspen's Green Drinks will be held at a different business on the third Wednesday of each month from March through September. In March, the City of Aspen and Hotel Durant team up to host a FREE, fun event for anyone interested in environmental topics. Light snacks and beverages are provided.

flooding that can take sediment into the river and cause stream bank erosion.

WHAT'S IN A NAME: **Colorado Water Plan**

COLORADO'S
WATER PLAN

COLLABORATING
ON COLORADO'S
WATER FUTURE



In the arid West, water is a scarce resource that is essential to healthy ecosystems, economies, agriculture and communities. In the face of climate change and a growing population, the gap between water supply and demand in Colorado is expected to top 500,000 acre-feet each year (compare that to Reudi Reservoir which stores about 100,000 acre-feet).

Given water's importance and the expected shortfall, Coloradans agree that this course is not sustainable. For that reason, in May 2013, Governor Hickenlooper issued an executive order directing the Colorado Water Conservation Board (CWCB) to develop a Colorado Water Plan outlining a roadmap for sustainably meeting current and future water needs.

The plan is scheduled to be finalized by December, 2015. It will build on and combine nine years of work accomplished by Colorado's nine Basin Roundtables, each of which represents one of the state's river basins (such as the Colorado, Gunnison, Yampa etc). Since the 2002-2003 drought, the CWCB has worked with the Basin Roundtables to conduct the Statewide Water Supply Initiative (SWSI), the most comprehensive study of Colorado water ever undertaken.

The Colorado Water Plan aims to combine SWSI science with the feedback of citizens and each Basin Roundtable into one collaborative plan of action which reflects the diversity of interests and values throughout the state. Citizens are encouraged to learn more and provide feedback at coloradowaterplan.com.

For more information [click here.](#)

**Wed. Mar. 26, 7 - 9pm
FREE Film Screening of
Trashed: No place for
waste
Wheeler Opera House,
Aspen**

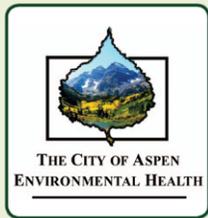
Academy Award-winning actor Jeremy Irons goes in search of solutions to our waste problem and discovers that change is not only essential, but happening. FREE admission. The film will be followed by a Q & A session. Email [Liz O'Connell](#) or [Lucy Kessler](#) with questions about the screening. For more information on the film, [click here.](#)

**Sat. Mar. 29, 10 am -
Noon
Soil Fertility Workshop
Pitkin County Solid
Waste Center**

Pitkin County's new CSU extension agent, Jeff Pieper, and Jack Johnson will be hosting a FREE two-day soil fertility workshop at the Pitkin County Solid Waste Center (the landfill). A free soil sample analysis, compliments of Pitkin County, will be offered to the first 10 participants! Email [Jack Johnson](#) or call 970.429.2885 for more information.

ZGreen Programs
LINKS & INFO





Canary Initiative · 970.429.1798
Environmental Health & Sustainability · 970.920.5039
City of Aspen · 130 S Galena Street · Aspen, CO 81611

130 South Galena St. | Aspen, CO 81611 US

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