



Stormwater Dollars At Work

From July 2013 to November 2013, BSB's stormwater crew completed a total of 178 work orders, a variety of services were provided.

A total of 1,047 feet of televised video line inspection was conducted resulting in a total of 1,923 feet of storm drains cleaned.

BSB crews install 242 feet of drain pipe and performed 13,725 sq. feet of landscaping.

Drain inlet inspections were also performed resulting in 1,580 being cleaned and 34 being repaired or replaced.

BSB's crew also cleaned 495 feet of ditches.

The staff at BSB works hard to provide efficient and effective stormwater management. It is our hope our customers will also do their part in protecting the environment, infrastructure, and public health by practicing responsible practices in their everyday lives.



Beckley Sanitary Board
301 S. Heber St.
Beckley, WV 25801
(304)256-1760

HYDROLOGIC

CITIZENS GUIDE TO PREVENT POLLUTED RUNOFF & PROTECT NATURE

www.beckleysanitaryboard.org

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Volunteer today for a better tomorrow

Volunteering is great way to help our local watershed as well as, an excellent opportunity for youth to get involved in community service and learn about the environment.

The Beckley Sanitary Board (BSB) has numerous volunteer opportunities available for you or your group. Some of these activities include our storm drain marking program and rain garden construction.

Volunteering with a watershed group is another great way to help improve our local watershed.

Since 2004, BSB has partnered with the Piney Creek Watershed Association (PCWA) on numerous projects. PCWA is involved with water monitoring; education; rain barrels, and stream cleanups, helping to reduce the amount of trash in our stream valleys and preventing it from continuing downstream.

They recently started work on an effort to preserve the historic Beckley Mill site. Their work was recently featured in the WVU Foundation magazine.

If you or your group is interested in volunteering your time call the Beckley Sanitary Board at 304-256-1760.

The Beckley Sanitary Board Welcomes New Staff

The Beckley Sanitary Board announces the addition of two new staff members.

We are pleased to announce the addition of Jody Wilson and Gavin Ward to the BSB team.

Jody is the new Education and Communications Coordinator.

Prior to joining BSB, Jody was employed with the West Virginia Department of Agriculture where she was

the Coordinator of the Emerald Ash Borer Program. Jody holds a Bachelor of Science degree in Ecology from Mountain State University.

Gavin Ward has joined BSB as the Staff Attorney. Gavin provides in-house legal services and will represent the BSB on infrastructure and regulatory matters.

Originally from the Beckley area, Gavin is a graduate of the West Virginia University

College of Law with a Doctorate of Jurisprudence. He has a Bachelor's of Science Business Administration with a Major in Management and a Minor in Pre-Law and Political Science from Concord University, Athens WV. Prior to working at BSB Gavin worked as a Student Clinician at the Land Use & Sustainable Development Clinic at the WVU College of Law.

**MAKE 2014 HEALTHY BY REPORTING WATER POLLUTION;
CALL THE HOTLINE: 304-894-8943**

'Tis the season

It's that time of year again; snowy roads and icy bridges are upon us once more.

Driving in those conditions is a perilous undertaking. Cities have fought this problem by de-icing roads so that most cars can move along freely. However, did you know de-icers can have negative environmental effects?



Each year more than 22 million tons of road salt is applied nationwide. The problem is, after the snow melts, this road salt doesn't just "disappear". And evidence is growing that the salt concentration of streams, lakes and groundwater is steadily increasing. Salt levels in some places are high enough to harm roadside plants and aquatic life.

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There are many alternatives to salt including potassium chloride, calcium chloride and magnesium chloride, corn processing byproducts, and calcium magnesium acetate (CMA). Most can be found in your local hardware store under various trade names – check labels for chemical content. While these alternatives can be spread in a dry form or sprayed as a liquid, their real advantage is as a catalyst to regular salt. They tend to increase the efficiency of the salt by reducing the amount that needs to be applied. When over applied, all chloride compounds can be harmful to the environment.

Tips for applying:

Before applying de-icers, make sure to manually remove as much snow and ice as possible. De-icer works best when it is applied to thin layers of ice.

Follow the directions on the de-icer container. Using more than what is recommended will not make the ice melt faster. When snow and ice melt, the runoff picks up the excess de-icer and carries it to our streams.

When possible, avoid using salt and other de-icers near trees, shrubs and grasses. The salty water can severely harm or kill a home's landscaping.

Winter provides the perfect time to start planning your rain garden.

West Virginia's winters are a good time to observe how water flows on your property so you can later create a rain garden.

Rain gardens are just what they sound like gardens that soak up rain water. These landscapes with a purpose are low areas where storm water from a hard surface like a roof or driveway can soak into the soil instead of flowing into a storm drain or sewer system.

This beautiful addition to your landscape have many benefits:

- ◇ Keep pesticides, oil and toxic materials from polluting streams, rivers and lakes;
- ◇ Increase the amount of water filtering into the ground, which recharges ground water and helps reduce the amount of pollutants washing off to lakes and streams;

- ◇ Help sustain adequate flows in streams during dry spells;
- ◇ Provide valuable wildlife habitat;
- ◇ Enhance the beauty of your yard and the neighborhood;
- ◇ Help protect communities from flooding and draining problems;
- ◇ Protect streams and lakes from damaging flows and reducing erosion of the stream banks and lakeshores; and
- ◇ Reduce the need for costly municipal storm water treatment structures.

It's using beautiful landscaping to solve a problem.

A rain garden can be your personal contribution to cleaner water, healthier fish and wildlife populations and an improved environment for your family and community.

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