



Calendar

November

- 6 HRI Meeting
- 12 Office closed for Veteran's Day
- 22 Office closed for Thanksgiving

December

- 25 Office closed for Christmas Day

January

- 1 Office closed for New Year's Day

PACD Staff

Kelsey Beck—District Manager
Dave Morneau—Conservation Technician
Diana Olson—Program Assistant/Education Coordinator
Mandi Hirsch—SGI Range/Wildlife Conservationist

NRCS Staff

Chris Bove—District Conservationist

The PACD Board of Supervisors meeting is the first Wednesday of every month at 11:00 a.m. and is open to the public.

PROGRESS HEALTHY RIVER INITIATIVE

An update on the Healthy River Initiative (HRI) will be given on Tuesday, November 6th at the Lander Community Center at 6:00 p.m. You are invited! This is a

public meeting and we encourage anyone interested in the health of our watershed to attend. Come learn about progress on the Level I study as Olsson and Wenck, consultants on this project, present their findings.

Did you know that the City released additional water from Worthen Reservoir late this summer? After the Level I Study update, we will discuss the results of this trial release and would appreciate your input.



Agenda

1. Water budget investigation and irrigation infrastructure assessment
2. Micro-storage facilities investigation (small dam sites)
3. Aquifer storage and retrieval (groundwater storage and reuse)
4. Worthen Reservoir trial release

FOOD PROVIDED

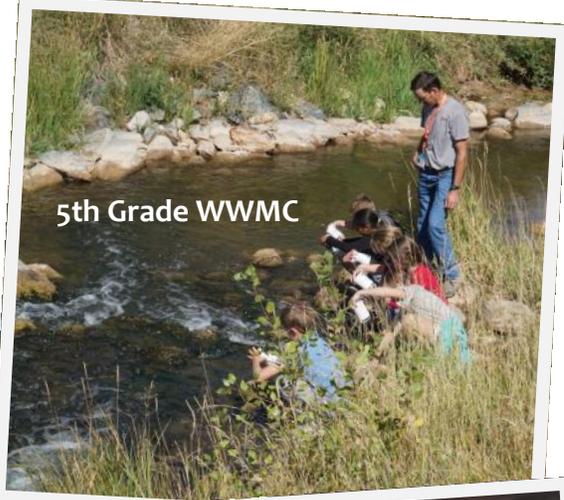
Plan now to attend the next public meeting

Tuesday, November 6th from 6:00-8:00pm

Lander Community and Convention Center

EDUCATION

Here's what we've been up to...



5th Grade WWMC

WWMC—158 5th graders

World Water Monitoring Challenge (WWMC) is an international program that brings heightened awareness of water quality to communities around the world. Lander 5th graders participated by testing water in Squaw Creek near their school. They evaluated chemical, physical, and biological parameters. The students concluded that based on their data, Squaw Creek is healthy at this location!



3rd Grade Ag Expo
Balanced Use

Ag Expo—217 3rd graders

The Ag Expo brought 3rd graders from Lander and Ft. Washakie to the Old Timers Arena in Lander to learn about agriculture. Students rotated through eight stations, two of which were hosted by PACD. The soils station taught how soil is important because it grows our food and also educated the kids that not all soil is the same. They enjoyed handling different soil types to feel the texture and ended the lesson by throwing soil balls at a target to see whether they would stick, stay in a ball and bounce off or disintegrate on impact. They got their hands dirty and had fun while learning about the importance of soil. Our second station taught about how domestic livestock and wildlife use the same resources on the range. Kids were tagged as antelope or cows and competed for poker chips that represented food and water. They learned that sometimes there are abundant resources and sometimes there are not which influences how we manage the animals to sustain the resources. The take home message was we need balanced use among multiple users.



3rd Grade Ag Expo
Soils

Aquatic Insects—145 3rd graders

Lander 3rd graders trekked to City Park to learn about aquatic insects. They learned that aquatic insects are abundant and diverse which makes them easy to capture and look at. The kids were taught how the insects indicate water quality and the health of the river.



3rd Grade
Aquatic Insects

AtLAS—Popo Agie Gold—60 4th and 5th graders and 20 8th graders



Popo Agie Gold is a watershed awareness campaign coordinated by AtLAS which is a branch of the Lander Art Center that brings together art and science for educational purposes. Our community will be hearing lots about Popo Agie Gold over the next year. Popo Agie Gold will be a year long diverse campaign with many different components and locations. Every event will be focused on water and spread the message that our water is worth more than gold! The goals will be to bring awareness of the importance of our water and affect behavior to care for our watershed. Poetry, film, print, and art will be utilized during the campaign. The 4th and 5th graders are creating short films as their contribution to the larger effort and 8th graders are creating a Watershed Guide. The students are learning about various uses of water in our watershed (Residential, Agriculture, Recreation, Wildlife). PACD taught lessons on agricultural use of water in the Popo Agie watershed.

Garden Expo 2019 Will Feature Panayoti Kelaidis From Denver Botanic Gardens

The Garden Expo will be **April 6, 2019**. Mark your calendars now. If you're not familiar with this event, the Garden Expo is so much more than just gardening, its also backyard and outdoor living. The Expo is a day long event that features a tradeshow and workshops. You can come and go as you please and its FREE! If your "happy place" is in the garden, on the deck, or in the mountains, this event is for you.

Big news this year is top notch speaker Panayoti Kelaidis from Denver Botanic Gardens (DBG) will deliver the keynote talk and a second workshop. Panayoti is a highly sought after world famous speaker. He is a plant explorer, gardener and public garden administrator at DBG where he is now Senior Curator and Director of Outreach. He has designed plantings for many of the gardens at DBG and is particularly noted for the plantings of the Rock Alpine Garden. He has introduced hundreds of native ornamentals from throughout the Western United States to the horticulture industry. He has taken seven collecting trips to Southern Africa researching the high mountain flora there, and also travels to the Andes, Central Asia (Kazakhstan and Mongolia), the Himalayas (from both Pakistan and China), throughout much of Europe from Spain to Turkey and most recently, New Zealand. Many of his plant introductions are available through Plant Select® (a plant introduction program he helped launch along with staff from Colorado State University and nurseries across America). He has lectured in over 140 cities in twelve countries, and has been featured in dozens of television, newspaper and magazine pieces. He is widely published in popular and technical horticultural journals.



Keep up-to-date by visiting our website. More information will be in our next newsletter. If you would like to be a new vendor this year, contact Dave Morneau david.morneau@wy.nacdnet.net or call our office 332-3114. If you've been a vendor before, we will be contacting you soon.



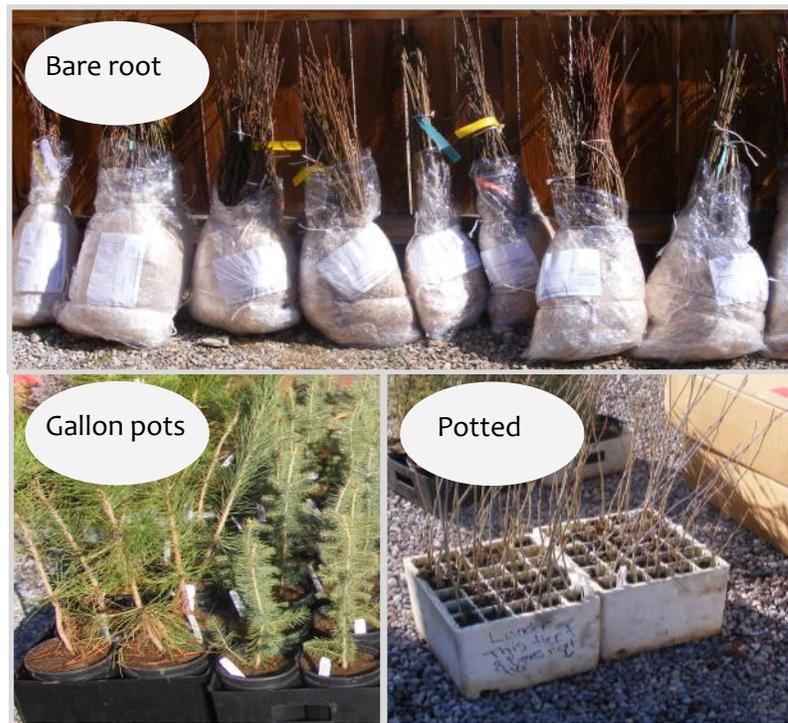
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THINK TREES

Now is the time to plan for spring planting!

PACD offers conservation seedling trees at a nominal cost each year. We will begin taking orders November 1st (the order form will be available on our website at that time.) Some species sell out quickly, so plan to get your orders in early. If you need help with developing a plan, stop by our office.

Bare root stock is available in lots of 25 and potted stock is available in lots of 30. Select species are available in one gallon pots and sold individually.



**We will begin taking orders
November 1st.**



PACD Cost Share Programs



We offer three cost share programs to residents within our district.

RESOURCE ENHANCEMENT (RE) provides assistance to landowners who typically don't qualify for federal farm bill programs. Projects need to implement natural resource conservation practices that address soil erosion, water quality and quantity, energy conservation or improving wildlife habitat.

COMMUNITY ENHANCEMENT (CE) provides incentive for residents, businesses, service organizations, schools, churches, etc. to implement natural resource conservation practices that address soil erosion, water quality and quantity, energy conservation, improving wildlife habitat, or beautify the natural landscape along public corridors.

IRRIGATION WATER MANAGEMENT (IWM) provides cost-share opportunities to ditch groups/companies. The goals of this program are to conserve irrigation water, reduce soil erosion, improve water quality, and improve efficiency.

RE and CE application are due March 15th

IWM applications are due June 15th.

Applications are reviewed once a year. Now is the time to make a plan, schedule a site visit, or get technical assistance. A well thought out project is more likely to be awarded cost-share. Public benefit must be demonstrated. Complete guidelines, application, budget, and agreement documents can be found on our website popoagie.org > [cost-share](#). Please call us at 332-3114 with any questions.

Backyard Bags and Garden Totes

PACD has these light-weight, reusable bags in stock year round but we wanted to remind you that they are particularly handy for fall harvest and yard clean up this time of year. They also make great gifts for the gardener and backyard enthusiasts on your Christmas list. The nifty thing about these bags is that they stand up by themselves which makes them easy to fill and then they collapse for easy storage. Purchase the bags at our office. \$20 for the bag of your choice.



Enter Today to Win A 2018 John Deere Gator!

Donate \$25 to WNRF for your chance to win!

Your \$25 tax-deductible donation to the WNRF enters you in a drawing to win a 2018 John Deere XUV 560E Gator, or Homak Pro-Series Rolling Tool Cabinet. The drawing will be held on November 15th, in Evanston at the WAGD/WNRF state convention.

1st Prize
2018 John Deere XUV 560E Gator

2nd Prize
Homak Pro-Series Rolling Tool Cabinet

ONLY 650 TICKETS will be distributed

To make a donation, please contact your local Conservation District or the Wyoming Natural Resource Foundation
101 E. 29th Street, Casper, WY 82401-1812 302.874.8141
wnrf@wyoconservation.com

Donations can be made online on our website: www.naturalresourcefoundation.com

The WNRF is working with conservation districts to:

- Planting trees on the Wyoming State Fairgrounds through the Living Legacy Program
- Protect water quality in the North Platte River and provide water quality education activities on the Wyoming State Fairgrounds.
- Assist in annual Cary Beach removal college scholarships to Wyoming students
- Stream and fishery restoration
- Coordinate Wyoming Wildlife Day of Monitoring activities for over 1,200 Wyoming students and educators
- Promote watershed health and water quality conservation
- Grow the Old Sara Memorial Endowment

Special Thanks to: Sundance Equipment Company and Shively Hardware

Support Natural Resource Conservation Across Wyoming

In exchange for a \$25 donation, Wyoming Natural Resource Foundation (WNRF) will enter donors in a drawing for a chance to win a 2018 John Deere XUV 560E Gator or a Homak Pro-Series rolling tool cabinet. WNRF is a non-profit dedicated to conserving Wyoming's natural resources. Thanks to them, there are many projects and programs across Wyoming. [Click here](#) to see what they have been working on. They also provide conservation districts the opportunity to obtain funding that we would otherwise not qualify for. Supporting WNRF is another way you can support PACD.

Only 650 tickets will be sold.
Tickets are available at our office.
The drawing will be held November 15th.
You do not have to be present to win.



Supporting
 WNRF is another
 way you can
 support PACD