

A scenic landscape view of a large lake system, likely Lake Arrowhead, surrounded by mountains and forests. The foreground shows a grassy hillside with several tall evergreen trees. The middle ground features a large body of water with several smaller lakes and islands. The background consists of rolling mountains under a blue sky with light clouds.

Lake*A*Syst
Bonner Soil and Water Conservation District

Molly McCahon
208 263-5310 ext 103

Lake*A*Syst is a public service designed to provide shoreline land owners and decision makers with information on best management practices in order to protect water quality

Stormwater Pollution Prevention

Sediment Loading and Erosion Control

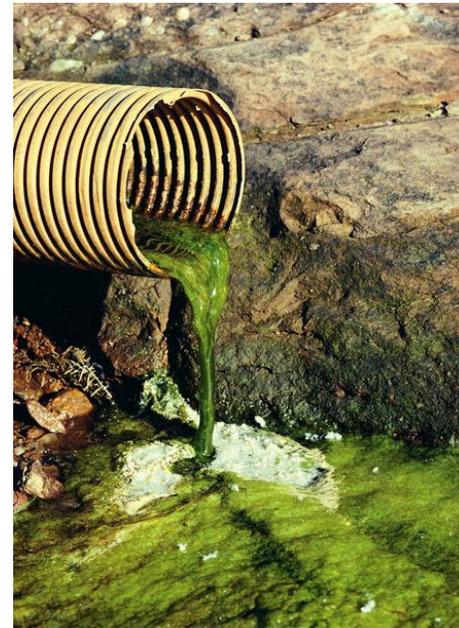
Septic Maintenance

Lawn and Garden Management

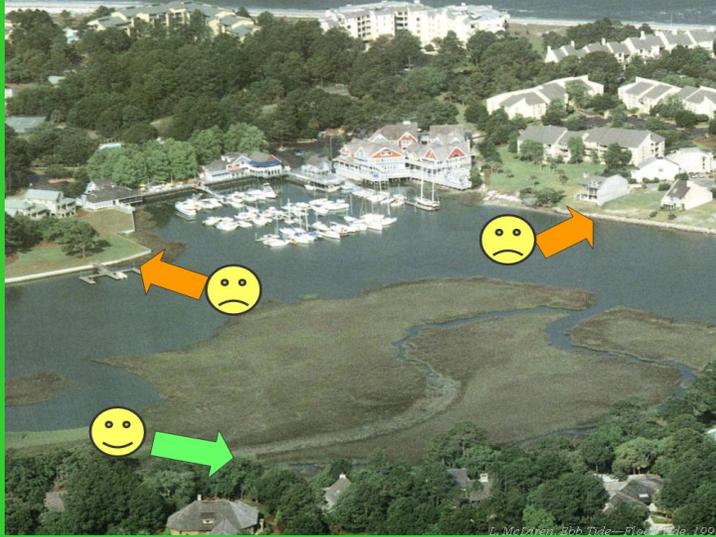
Hazardous Wastes and Petroleum Spills



Stormwater Runoff



Lawn Fertilizers and Animal Waste

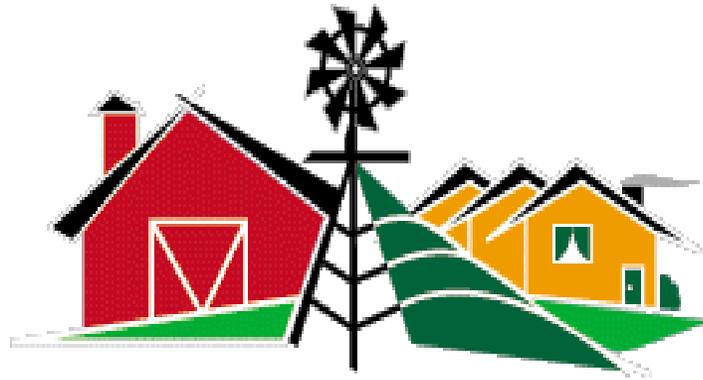


Pend Oreille Lake*A*Syst initiated in 2005

EPA approved a TMDL phosphorus in 2002 for Lake Pend Oreille
(Total Maximum Daily Load)

Implementation Plan was developed by a committee of the Tri-State
Water Quality Council, known as the Nearshore Committee.

Specific tasks and groups were created to implement this plan and
Lake*A*Syst was one of them.



Farm*A*Syst Home*A*Syst





Non-regulatory

Site Visits

Landowners Guide

Resources and Information

Outreach

Public Demonstration Projects

Guidebook development

No copy write

To be used by any community for education

Priest Lake, Pend Oreille, Hauser, CDA Lake

Available online www.plrcd.org/lakeasyst/



Public Demonstration Sites

An excellent bang for the buck....

Memorial Field Project

Stormwater Management



Memorial Field Project

Vegetative/Riparian Buffer



Dover Native Buffer



50 High school students and 10 volunteers helped with the installation.





Waterlife Discovery Center



Who is our audience?

Everyone!

Building Contractors

Municipalities

Landscape Designers

Kids

Public Water Systems

Teachers

Private Landowners

State and Federal Agencies

Renters

Architects

Real Estate Agents

Why do we care?

Recreation

Swimming

Fishing

Boating

Wildlife Habitat

Drinking Water & Public Health



Current Source Water Protection Projects with Public Water Systems

City of Priest River



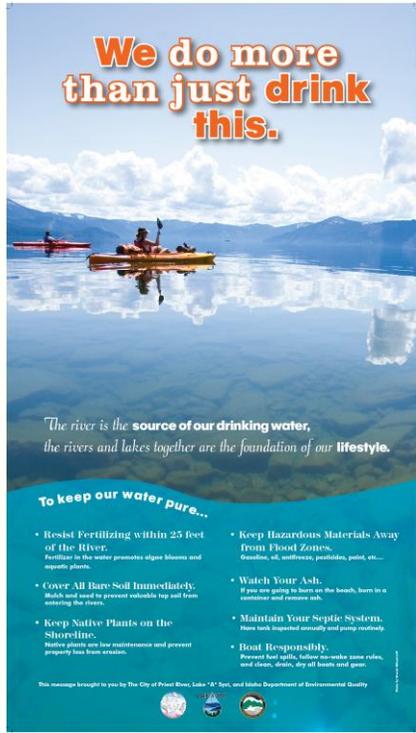
Received a Source Water Protection Grant in 2012.

Drinking water intake is located in the Pend Oreille River

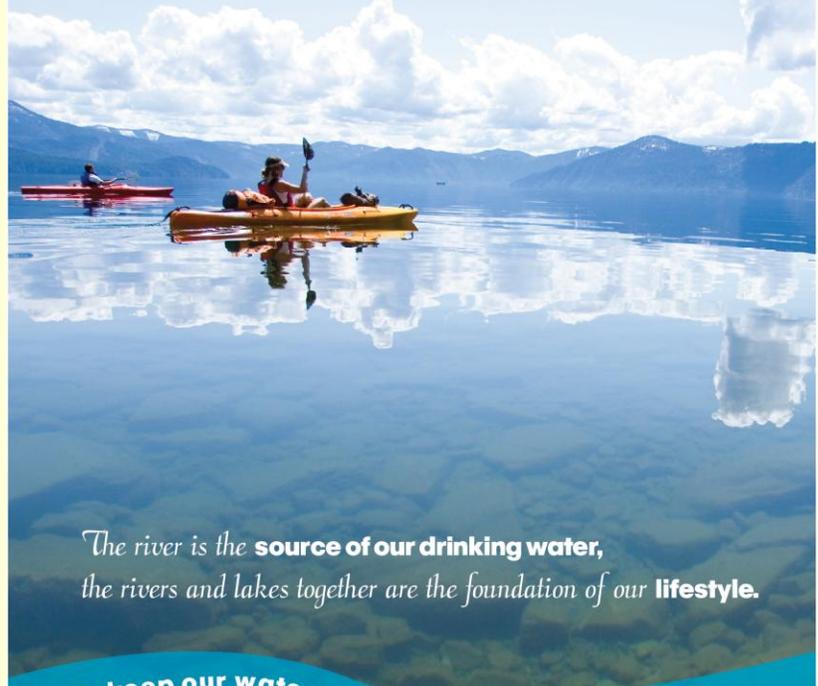
Signed a contract with Lake*A*Syst to implement certain source water protection education components outlined in the grant.



- Radio Public Service Announcements
- Brochures
- “This is a Drinking Water Protection Area” signs
- Advertisements
- Public Presentations and Workshops
- Guidebook distribution



We do more than just drink this.



*The river is the **source of our drinking water,**
the rivers and lakes together are the foundation of our **lifestyle.***

To keep our water pure...

- **Resist Fertilizing within 25 feet of the River.**
Fertilizer in the water promotes algae blooms and aquatic plants.
- **Keep Hazardous Materials Away from Flood Zones.**
Gasoline, oil, antifreeze, pesticides, paint, etc....
- **Cover All Bare Soil Immediately.**
Mulch and seed to prevent valuable top soil from entering the rivers.
- **Watch Your Ash.**
If you are going to burn on the beach, burn in a container and remove ash.
- **Keep Native Plants on the Shoreline.**
Native plants are low maintenance and prevent property loss from erosion.
- **Maintain Your Septic System.**
Have tank inspected annually and pump routinely.
- **Boat Responsibly.**
Prevent fuel spills, follow no-wake zone rules, and clean, drain, dry all boats and gear.

This message brought to you by The City of Priest River, Lake "A" Syst, and Idaho Department of Environmental Quality



Photo by Frank Weisner

Your Grandkids
Shouldn't Be
Drinking Your
Meds!



DON'T FLUSH YOUR UNUSED PILLS

Safely Dispose of Your Meds
Protect Your Drinking Water

Contact the City of Priest River
(208) 448-2123
<http://priestriver-id.gov/>

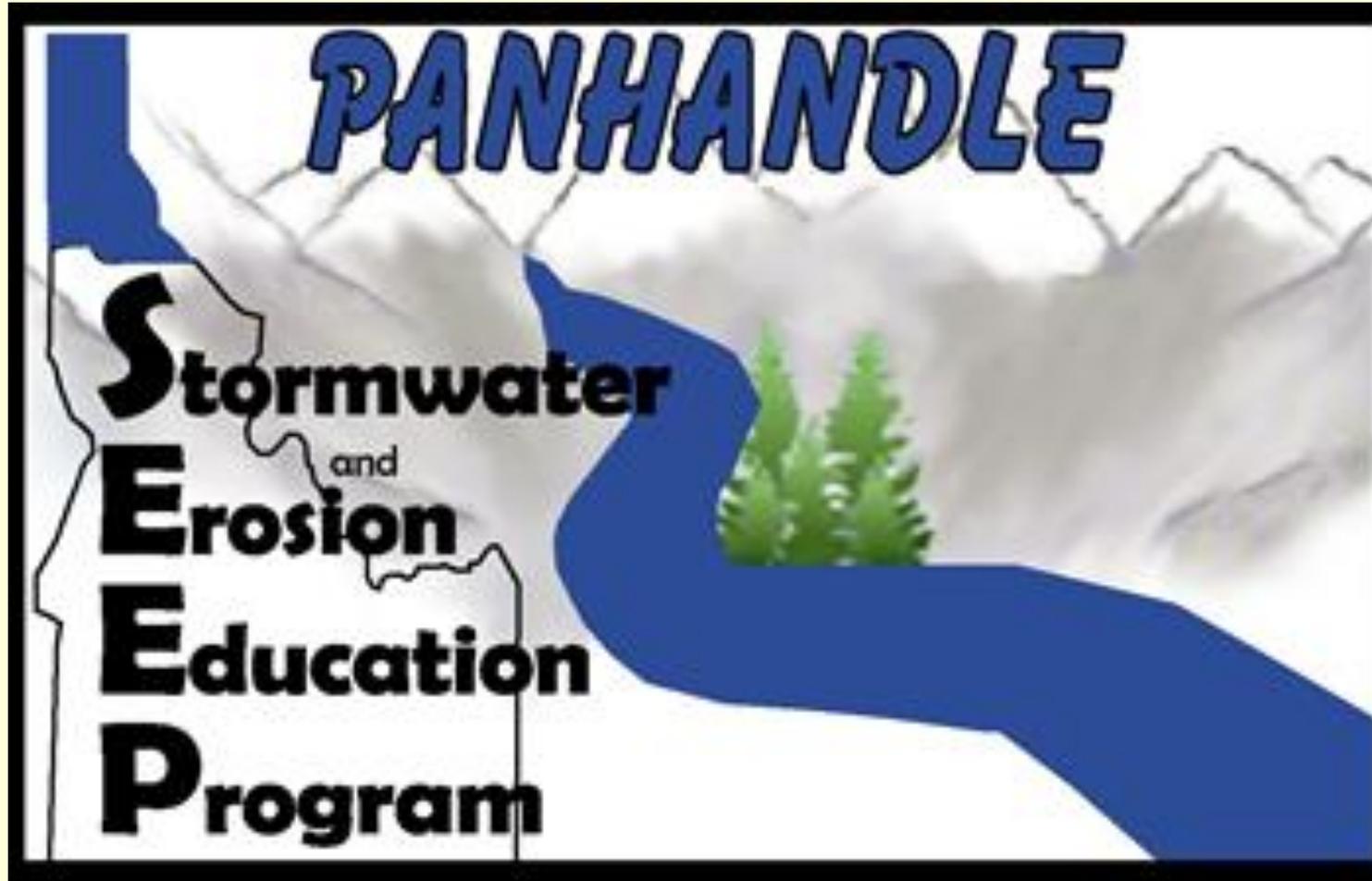


Protect Our Drinking Water

Don't Spill.... Dirt - Fuel - Oil - Paint - Pesticides - Fertilizers

Visit the City of Priest River's website for solutions to preventing stormwater pollution -
www.priestriver-id.gov/ or call with questions or concerns (208) 443-2123





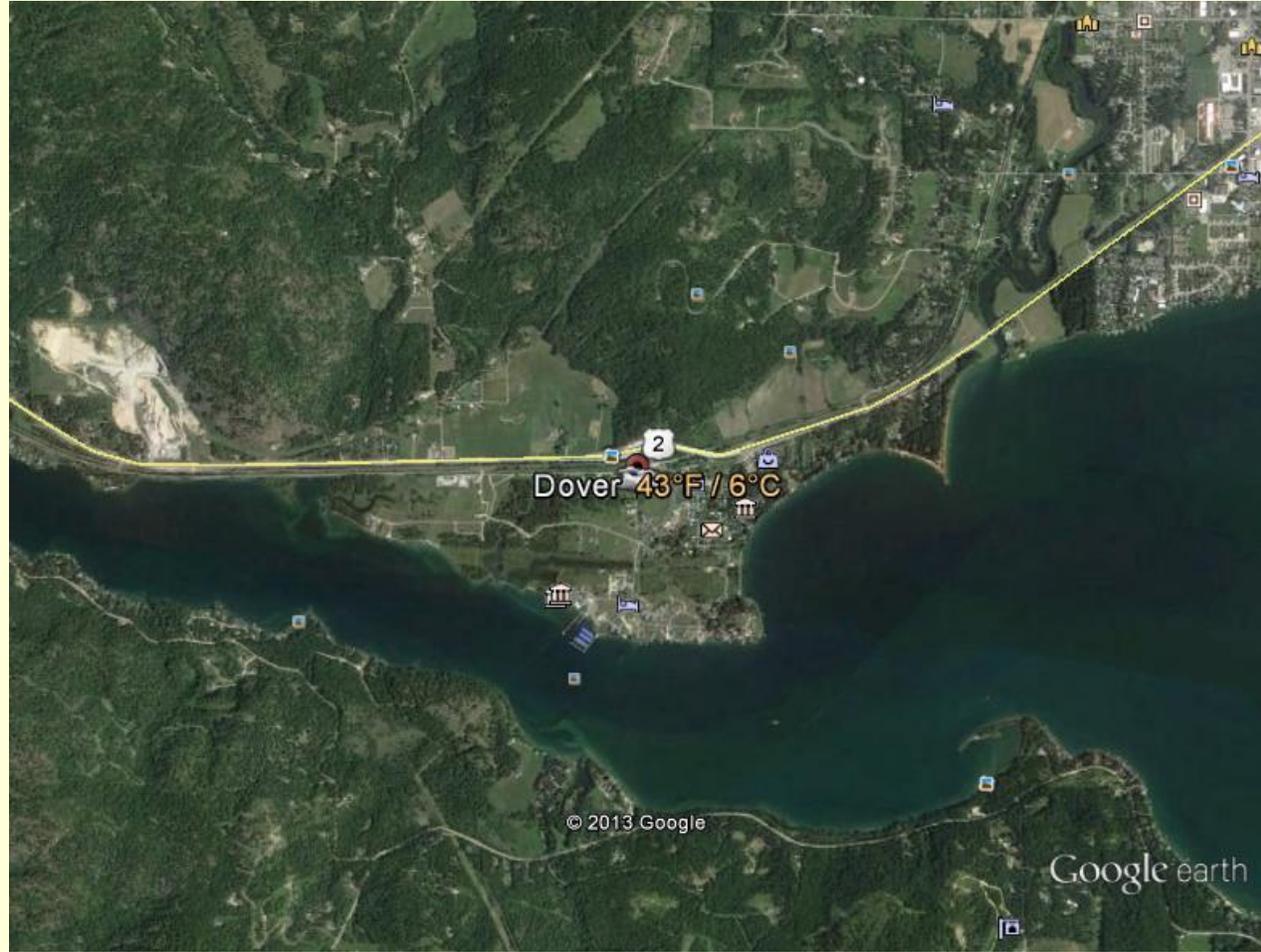
www.PanhandleSEEP.org

City of Dover and Laclede Municipality

Lake*A*Syst received a Source Water Protection Grant in 2012 to work with Dover and Laclede on source water protection education.

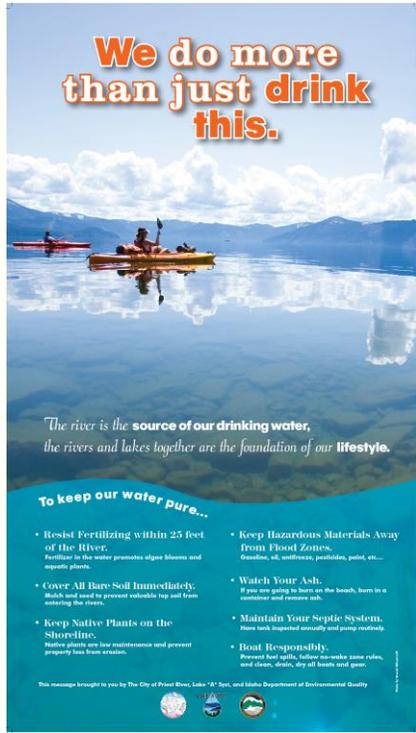
Both drinking water intakes in
Pend Oreille River







- Radio Public Service Announcements
- Pet Waste Brochures
- “This is a Drinking Water Protection Area” signs



- Sandpoint Magazine advertisements
- Water Festival
- Public presentations
- Guidebook distribution



**DRINKING
WATER
PROTECTION
AREA**



How can you not love them? Dogs bring great joy into our family lives. But impacts to surface water associated with dog poop can be serious. They include:

- Increased loading of nitrogen and phosphorus that can lead to increased weed and algal growth in the river, lowered oxygen levels and increased fish kills
- Increased organic matter which, when it decays, can reduce oxygen levels for fish and other aquatic animals
- Increased loading of bacteria and pathogens that can get people and pets sick

One pound of dog poop can contain 10 billion fecal coliform bacteria!

Thank you for being a responsible pet owner!



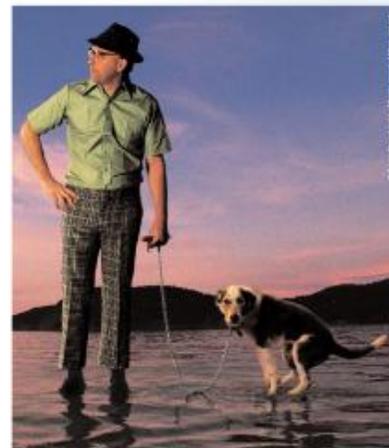
For more information on how you can protect water quality please contact:

City of Dover
phone: 265-8339
email: cityclerk@doveridaho.org
<http://doveridaho.org>
or
email: lakeasyst@gmail.com
www.plrcd.org/lakeasyst/



Funding and support for this brochure were provided by:
Bonner Soil & Water Conservation District,
Idaho Department of Environmental Quality,
Idaho Rural Water Association
and the City of Dover.

If you have a dog, it's your Doody



Scoop the poop, bag it, and place it in the trash! Don't let it end up in the lake!

A Pet Waste Reduction Effort sponsored by the City of Dover

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Dover Pet Waste Brochure MOLL...

1 file / 953 KB

Attach



- Distributed approx. 3000 Guidbooks
- Conducted over 200 site visits
- Reached people throughout the 5 northern counties
- Expanded our reach and approach
- Sustained for 8 years due to proven results and committed agency support.

Thank you to IDEQ and everyone else who has supported the program over there years!

Molly McCahon
Lake*A*Syst Coordinator
Bonner Soil and Water Conservation
District
208 263-5310 ext 103
www.plrcd.org/lakeasyst/



