



Drinking Water Source Protection



Coeur d'Alene Regional Office Update



City of Priest River



Drinking Water Source Protection

City of Priest River

- Surface Water Source
 - Pend Oreille River and Priest River
- Serves approximately 2,150 customers
- Surface water intake is located approximately a half mile downstream from the confluence of Priest River and Pend Oreille River

City of Priest River

- Pend Oreille and Priest River watersheds are vulnerable to contamination from heavily used roads, intensive recreational use, and from residential, agricultural, timber, mining and other industrial sites in the watershed.
- In 2001, DEQ conducted a Source Water Assessment for the City of Priest River.

City of Priest River Drinking Water Source Protection

- In 2011, City of Priest River initiated source water protection by developing a Drinking Water Source Protection (DWSP) Plan.
- DWSP identifies public awareness and outreach as paramount to source water protection.

City of Priest River Drinking Water Source Protection

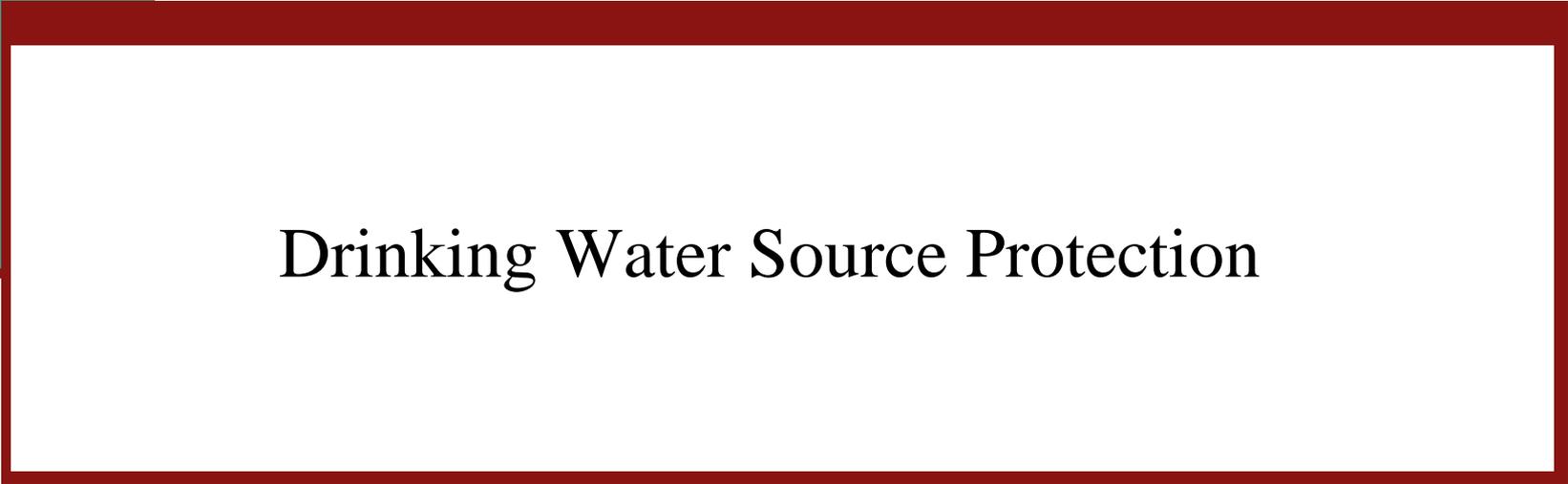
- Protection Activities include:
 - Developing informational brochures addressing responsible recreational water activities;
 - Develop Public Service Announcements on local radio that address source water related Best Management Practices for contractors, private property owners, and recreational users;
 - Develop a water source protection education component to the City website;
 - Build kiosks at county park to distribute informational brochures;
 - Conduct a series of workshops;
 - Install surveillance equipment.

City of Priest River Drinking Water Source Protection

- In 2011, the City of Priest River applied for IDEQ Source Water Protection Grant Funding for public awareness and education projects and to enhance security measures.
- City of Priest River was awarded IDEQ Source Water Protection Grant funding in 2011.



North Kootenai Water District



Drinking Water Source Protection

North Kootenai Water District

- Comprised of 15 Individual Public Water Systems
 - 13 Groundwater Sources
 - 2 Surface Water Systems
- 13 Systems on the Rathdrum Prairie Aquifer
 - Sole source aquifer
 - Sensitive resource aquifer

North Kootenai Water District Source Water Protection

- In 2011 North Kootenai Water District and DEQ began to develop a Source Water Protection Plan for all of the District's Public Water Systems.
 - DEQ delineated the source water protection area for each public water system.
 - Identified existing and potential contaminate sources within the source water protection areas.
 - IDEQ generated Source Water Assessment reports for all the 15 PWSs in the North Kootenai Water District.

North Kootenai Water District Source Water Protection

- Potential contaminate issues for the North Kootenai Water District include:
 - Residential and recreational impacts;
 - Agricultural contamination;
 - Contamination from heavily used roads;
 - Industrial sites;
 - Mining.

North Kootenai Water District Source Water Protection

- In 2011, North Kootenai Water District was awarded DEQ Source Water Protection Grant funding for well abandonment and well site fencing.

IDEQ Source Water Protection Grant Funding

IDEQ Source Water Protection Grant Funding

Grants are available to implement projects to protect sources of public drinking water. Eligible applicants include:

- *Public Water Systems*
- *Local Government*
- *Special Districts*
- *Associations*
- *Educational Institutions*
- *Non-Profit Organizations*

IDEQ Source Water Protection Grant Funding

- *research on contaminant source identification (such as isotope testing to determine source of contamination)*
- *removal of contaminant pathways or conduits (such as the closure of abandoned or unused wells)*
- *contaminant removal (such as hazardous waste collection, pollution prevention, and waste reduction)*
- *contaminant management (such as education and implementation of best management practices or structures to divert contaminated runoff from the source)*
- *education and information-sharing (such as brochures, workshops, media campaigns)*

IDEQ Source Water Protection Grant

- ❑ To apply for Source Water Protection grant funding go to www.deq.idaho.gov/swpGrant
- ❑ Applications are due October 25, 2013

Questions



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