

SAJB and WVOLC Interlocal Agreement Update January 2012-September 2012

Task 1- Spokane Water Quality Symposium Planning and Coordination

- Summer 2012: Whitworth Masters in Teaching students: 18 students
- Fall 2012 Whitworth pre-service teachers undergraduates: 21 students
- Fall 2012: Gonzaga pre-service teachers undergraduates: 13 students

Task 3- Teaching Aquifer/Storm Water Lessons to Students Visiting WVOLC and Program Provided for Spokane Community and Northern Idaho

January 2012-September 2012 WVOLC Staff will teach Aquifer/Storm Water Lessons based on the following themes: Enviroscope, Water Quality, Watershed, and Aquifer Formation.

- **Enviroscope:** By using this model students will see that we all live in a watershed and gain understanding that water pollution comes from many sources. Nonpoint sources contribute a great deal to the pollution in our water bodies. The combined effect of pollution from many small sources can have a real impact on the quality of our shared water resources.
- **Water Quality:** Students participate in looking at water quality in rivers and streams, and build connections to how contaminants can get into drinking water. Students connect drinking water to water quality issues for humans and wildlife.
- **Watershed:** The watershed theme includes lessons about water movement within the water cycle. Students will be able to identify the states of water as it moves through the water cycle. Students will be able to identify local bodies of water and how they are connected to them.
- **Aquifer Formation:** In these investigation students focus on observing and recording the properties of three different Earth Materials; soil, sand and gravel. This lesson is a pre-lesson to further investigations that model a part of the system that we call the Spokane Valley-Rathdrum Prairie Aquifer. Students observe, make predictions, and develop conclusions. Students will also learn about formation of the Spokane Valley- Rathdrum Prairie Aquifer and what happens when pollution is introduced to the aquifer.

Partial day field trips typically cover only one-two themes. The number of student participants in these partial day field trips are noted below. Many full-day field trips cover all of the themes (these numbers are noted under “all themes covered”).

- **Partial-Day Field Trips:** One or two of the above themes covered.

- **1171** student participants
- **Full-day Field Trips:** All of the above themes covered in Full-Day programs.
 - **1620** student participants

Task 4- Water Festival

- Fall Water Festival complete, 485 elementary and high school students participated, teacher evaluations were positive
- Spring Water Festival has been scheduled for April 15th-19th
- Invitation Flyer has been created and will be sent out in February
- North Idaho schools located above the Aquifer have been targeted, and contact information has been obtained.
- As part of another grant, the WVOLC will be reaching out to Bonner County schools for wildlife education. Aquifer education flyers have been printed and will be passed out to participating schools and classroom teachers in the hopes of offering aquifer education programs to these schools in the spring.
- Aquifer Education flyers have been printed, and will be distributed to classroom teachers beginning in January.
- Invitation Flyer for Water Festival will be sent to NEW ESD 101, WV School District, District 81, Central Valley School District, East Valley School District, Post Falls School District Coeur D'Alene School District and specific north idaho schools.

Task 5-Community Water Festival Open House

- The "Open House" Community water festival has been scheduled for April 20th
- Water Festival will be advertised in local media calendars including the Spokesman Review, Inlander, KPBX radio, and Coeur D'Alene Press.

Task 6- Create A Pilot "Containments in the Home" High School Presentation

- Presentation created and ready for review
- Pilot program run with 400 students
- Hands-on lesson developed: Lesson looks at how ground water can become contaminated by hazardous household products
- Once presentation has been reviewed by Aquifer Personnel, WVOLC will be ready to begin scheduling class visits.

Task 8- Advertising

- Water Festival will be advertised in local media calendars including the Spokesman Review, Inlander, KPBX radio, and Coeur D'Alene Press.
- Invitation Flyer for Water Festival will be sent to NEW ESD 101, WV School District, District 81, Central Valley School District, East Valley School District, Post Falls School District Coeur D'Alene School District and specific north idaho schools.

- Spokane marketing materials have been distributed in Spokane County.
- Aquifer Education flyers are printed and ready to be distributed at North Idaho Schools.

Task 9- Elementary & Middle School Curriculum Tubs

- Tubs have been regularly checked out by local teachers and informal environmental education programs.
- As tubs return, they are cleaned and re-stocked.