

SAJB and WVOLC Interlocal Agreement Update October 2012-August 2013

Task 1- Spokane Water Quality Symposium Planning and Coordination

- Spring 2013: Whitworth pre-service teachers undergraduates: 23 students
- August 20th 2013: Teacher Professional Development planned. 25 teachers currently signed up.

Task 2- Summit Incentives

- Teachers attending August 20th Professional Development will receive clock hours and aquifer curriculum guides
- Curriculum guides have been distributed to teachers at four schools in North Idaho

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

October 2012-June 2013 WVOLC Staff taught 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. Non-point 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.

Aquifer Education provided by the WVOLC between October 2012 and June 2013 Including field trips to the WVOLC, community events and science nights, and classroom Visits:

- Total: 2,738 Students reached

Task 4- Water Festival

- As noted in last update (Jan 2012-September 2012) the Fall Water Festival held October 15th-19th 2012) reached 485 students. Water festival included all aquifer themed lessons.
- April Water Festival (April 15th-19th) Reached 360 students. Water festival included all aquifer themed lessons.

Task 5-Community Water Festival Open House

- The Community Water Festival Open House event took place on April 20th. Approximately 25 community members attended.
- Due to low turn-out, we are scheduling an additional Water Festival Open House for this summer (Late July or August)
- Marketing materials are being developed, and event info will be submitted to the following local media sources:Spokesman Review, Inlander, KPBX radio, Out There Monthly, and the 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 prior to the start of October 2012 and 400 additional Middle School and High School students in April 2013
- Hands-on lesson developed: Lesson looks at how ground water can become contaminated by hazardous household products
- Presentation is awaiting review by Aquifer Personnel

Task 8- Advertising

- Water Festival will be advertised in local media calendars including the Spokesman Review, Inlander, KPBX radio, and Coeur D'Alene Press
- Public presence at community events in Spokane throughout the summer
- Ongoing advertising for aquifer education opportunities through our website and social media sites

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.