



Spokane Aquifer Joint Board

January 24, 2013

Wellhead Implementation
Program Report

CCRs On-line

City of Spokane 2010 Water Quality Report

- <http://www.spokaneaquifer.org/wp-content/uploads/2012/05/2010CityofSpokaneWaterReport.pdf>
- <http://tinyurl.com/b3adt8y>

2012 University Elementary



2013 School & Community Events

- 1/16/13 – Otis Science Night
- 1/24/13 – 9 Mile Elementary Science Night Out
- 1/31/13 – Sunrise Elementary Science Night
- 2/6/13 – Longfellow Elementary Science Night
- 2/7/13 – Progress Elementary Science Fair Night
- 2/12/13 – Holmes Elem. Science & Technology Night
- 4/21/13 – St. Al's Caring for Creation
- 6/5/13 – Spokane Youth Environmental Conference

2013 Events for Water Resources

- 2/9/13 – 12th Annual Lakes Conference
- 3/13/13 – Service Truck Rodeo
- 3/26-27 – Spokane River Forum Conference
- 4/3-4/5 – WASWD Spring Conference

West Valley Outdoor Learning Center

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

WVOLC - Aquifer Model



EnviroScape



PPID#17 - Well #1



Aquifer Parfait



Task 3- Teaching Aquifer/Storm Water Lessons Jan. – Sept. 2012

Partial-Day Field Trips: 1-2 themes - **1171** student participants

Full-day Field Trips: All themes - **1620** student participants

- **Enviroscape:** By using this model students will see that we all live in a watershed and gain understanding that water pollution comes from many non-point sources.
- **Water Quality:** Students participate in looking at water quality in rivers and streams, and build connections to how contaminants can get into drinking water.
- **Watershed:** The watershed theme includes lessons about water movement within the water cycle. Students identify local water bodies 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. Students observe, make predictions, and develop conclusions. Students learn about formation of the Spokane Valley- Rathdrum Prairie Aquifer and what happens when pollution is introduced to the aquifer.

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 to all Spokane area schools in February
 - **North Idaho** schools located above the Aquifer have been targeted, and contact information has been obtained.

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 lessons in development

Task 8- Advertising

- Water Festival will be advertised in local media calendars including the
- Spokesman Review, Inlander, KPBX radio, and Coeur D’Alene Press.
- 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.

Spokane EnviroStars

56 Certified Businesses – 5 pending

Promotion:

1. One Man's Trash – January
2. KSPS – 33 Spots in Dec. Corporate Sponsor page in January
3. Stormwater Guide - Back Page
4. SRF Website & Facebook pages
5. SRF Conference – Local Source Control