



**INFORMATION UPDATE FOR WHOLESAL CUSTOMERS**

[http://www.seattle.gov/util/About\\_SPU/News/Newsletters/index.asp](http://www.seattle.gov/util/About_SPU/News/Newsletters/index.asp)

**Seattle  
Water Supply  
Indicators**

<b>Water Storage</b>	
<b>Reservoir Inflows</b>	
<b>Snowpack</b>	<b>NA</b>
<b>Customer Use</b>	
<b>Overall</b>	

Good   Fair   Poor

For more information on Water Supply:  
[http://www.seattle.gov/util/About\\_SPU/Water\\_System/Water\\_Supply/index.asp](http://www.seattle.gov/util/About_SPU/Water_System/Water_Supply/index.asp)

samples). Eighteen of the low chlorine samples were from purveyor areas (2.9%). The average water temperature in the distribution system in September was 19.5 degrees Celsius, with a range of 12.2 to 24 °C. Tolt water temperature is around normal for this time of year, while the Cedar is slightly above normal for temperature leaving Lake Youngs.

**Taste and Odor**

The taste and odor panel is meeting bi-weekly. Samples are rated on a scale from 1 to 9, with 1 representing the best and 9 representing the worst. The taste and odor flavor rating assessment (FRA) for the latest Cedar supply (Lake Youngs treated) sample was 2.1. The Tolt supply result was 1.3.

**Stage 2 Disinfectants/Disinfection By-Products Rule**

All third quarter 2013 Stage 2 DBP samples have been collected and analyzed. No samples were above the HAA5 or TTHM MCLs. All systems remain in compliance, and six systems still qualify for reduced monitoring.

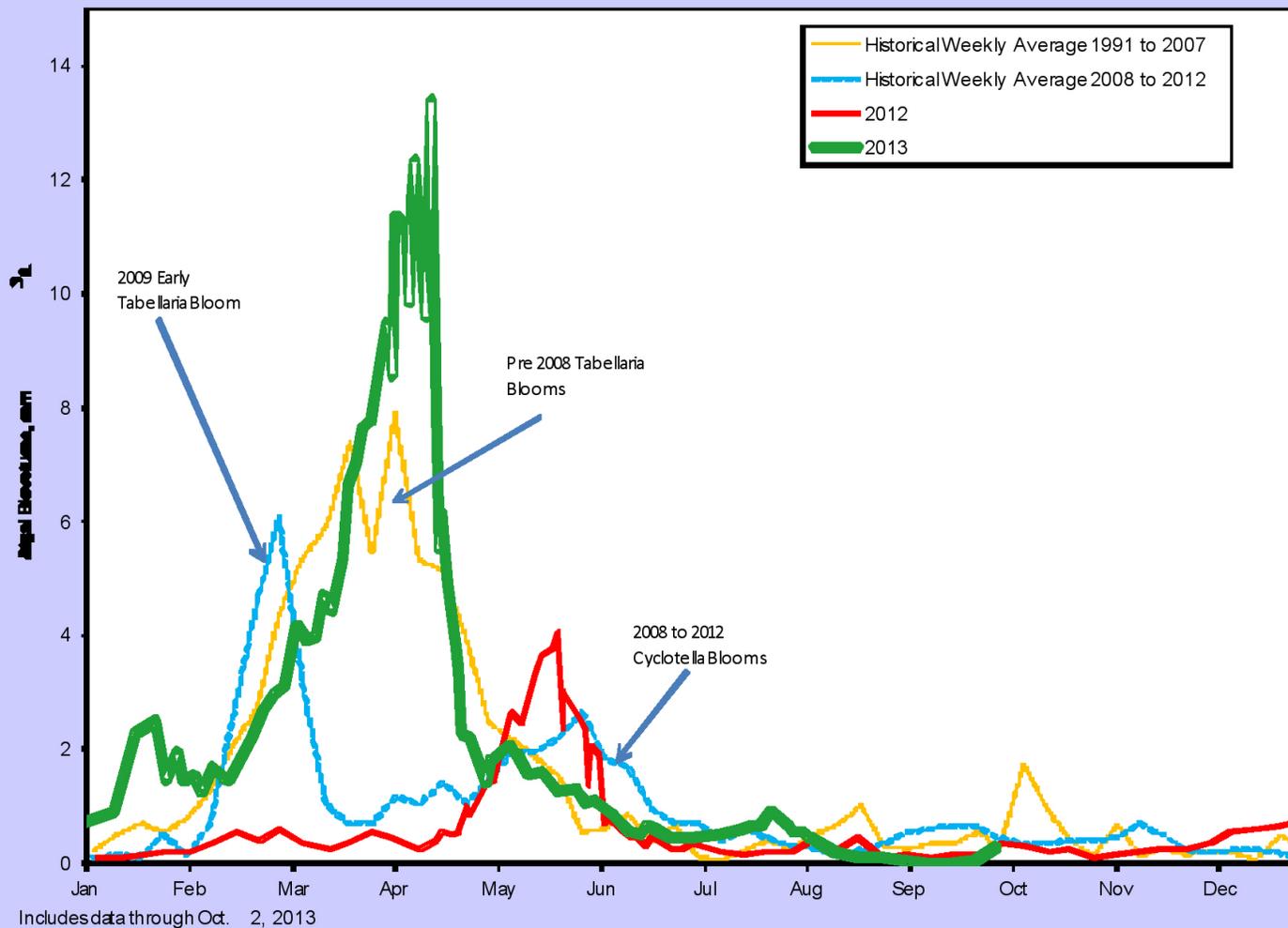


**Water Quality  
Technical Forum  
Report**

**Chlorine Residual and Coliform Data**

There were four purveyors with positive coliform samples during the third quarter of 2013 with a total of eight positive samples (two in Seattle). All systems remain in compliance. Average chlorine residual concentrations in the purveyor distribution systems ranged from 0.53 to 1.28 mg/L, with an overall average of 0.86 mg/L in September. The chlorine residual target for the Tolt Treatment Facilities is 1.5 mg/L, while the Cedar target was raised to 1.7 mg/L on August 8th. The number of samples with chlorine less than 0.2 mg/L was 34 in September (out of 833

**Lake Youngs Total Algae (C1 -RAW)  
Historical Weekly Averages versus 2012 and 2013**



**Lake Youngs Status**

This year’s Lake Youngs algal bloom is now over. The total coliform counts were below normal in Lake Youngs in September. The average Lake Youngs raw water total coliform count for September was 56 cfu/100mL, with a range of 19 to 159 cfu/100mL. The historical average for September is 986 cfu/100mL.



**Conservation  
Technical Forum**

On the web at <http://www.savingwater.org>

ANNUAL REPORTING

**DOH Water Use Efficiency (WUE) Rule  
Reminder – Adopting the New WUE Goal**

The Seattle City Council adopted Seattle Public Utilities’ 2013 Water System Plan and the 2013-18 WUE Goal in December 2012. As a reminder, the 2013-2018 WUE Goal is as follows:

*“Reduce per capita water use from current levels so that the total average annual retail water use of the members of the Saving Water Partnership is less than 105 MGD from 2013 through 2018 despite forecasted population growth.”*

This new goal will need to be adopted by each SWP partner utility, through a public process. Technically, SWP members who adopted their WUE goal in 2007 should adopt the new goal no later than 2013, and those who adopted their WUE goal in 2008 should adopt the new goal no later than 2014. On behalf of the regional conservation program, **we are asking that SWP members adopt the new goal as soon as you conveniently can in 2013, and no later than May of 2014**, so that all SWP members will be able to report that they have adopted the new goal when they file the Annual DOH WUE Report for 2013, due to DOH before July 1, 2014.

If your utility wishes to incorporate the adoption of the new goal into an upcoming Water System Plan update that falls outside this time frame, or if your utility has other concerns about the timing of adopting the new WUE goal, please contact **Mike Dexel at DOH at michael.dexel@doh.wa.gov** or (360) 236-3154.

If you have any questions about adopting the new WUE Goal please contact Mialee.

*CONTACT: Mialee Jose (206) 615-1452*



**COMMUNICATION  
SWP Partnering With King County/WRIA 8  
Salmon SEEson Campaign**

The SWP began a new partnership with the Salmon SEEson campaign, an annual outreach effort that

encourages people to appreciate salmon, especially by viewing them in their habitat. This partnership helps the SWP promote the message that “water conservation is good for salmon,” which is important to regional water resource management and operations. This year, the SWP logo and the message “Saving water helps people, salmon and wildlife! Visit [www.savingwater.org](http://www.savingwater.org) to learn more,” is included in the Salmon SEEson press release, and on posters, flyers and on their web site, [www.kingcounty.gov/salmon](http://www.kingcounty.gov/salmon) (click on Salmon SEEson). The SWP web site, [www.savingwater.org](http://www.savingwater.org), includes a link to the Salmon SEEson site. Look for upcoming announcements about salmon viewing opportunities, and notice the familiar SWP logo on salmon SEEson materials!

*CONTACT: Mialee Jose (206) 615-1452*

**Reminder – Newsletter Articles Available at  
Operatingboard.org**

Need a water conservation message for your newsletter or bill? SWP staff have created a spreadsheet full of articles, blurbs and tips, arranged by season, so you can find what you need for your customer communication. The spreadsheet (one for landscape topics and one for indoors topics) is available on the Operating Board web site, at

<http://www.operatingboard.org/Meetings/TechnicalForums/Conservation/index.htm>

If you have any questions or ideas for articles to add to the spreadsheets, please contact Mialee.

*CONTACT: Mialee Jose (206) 615-1452*

**RESIDENTIAL INDOOR  
Multifamily Toilet Rebate Applications Increase**

Applications for the Multifamily Toilet Replacement Program increased dramatically in September, due to promotional efforts by retailer HD (Home Depot) Supply. Both the Premium WaterSense rebate (1.06 gallons per flush) and the regular WaterSense rebate



(1.28 gpf) are attracting customers. The year-end goal of 1,000 toilets replaced will likely be reached.  
*CONTACT: Billie Fisher (206) 615-1282*

**Single Family Toilet Rebates Will Shift to Premium**

**WaterSense Next Year**

The Premium WaterSense

rebate (1.06 gallons per flush) is off to a good start. New translated Premium WaterSense rebate applications and FAQ's are on the [www.savingwater.org](http://www.savingwater.org) website.

Nearly fifty Premium WaterSense rebate applications have been received since the rebate began June 1. Regular WaterSense toilet rebates are coming in slowly but steadily. WaterSense-labeled toilets now have a very large share of the local market. Big box retailers like Home Depot and Lowe's only sell WaterSense toilets. Since a key purpose of utility rebates is to move the market to the most efficient products, the SWP plans to end the regular rebate in March of 2014 and continue to promote the Premium WaterSense rebate. Please contact Program Manager Billie Fisher if you have any questions.

*CONTACT: Billie Fisher (206) 615-1282*



**YOUTH AND COMMUNITY EDUCATION Youth Education Program Up and Running**

SWP has contracted with the non-profit

organization Nature Vision to conduct youth education outreach and classroom presentations. The in-class one hour water conservation presentations to K-12 grade students are now underway. A letter of invitation was sent to teachers and educators throughout the service region, offering 16 programs to choose from. The programs include topics such as the water cycle, waterwise gardening, water conservation,

water supply and the salmon cycle. To date, 10 schools have registered. Nature Vision will conduct a more targeted outreach in mid-October in an effort to reach our underserved schools and community. If you know of a teacher or administrator that maybe interested in participating please contact Arece Hampton.  
*CONTACT: Arece Hampton (206) 733-9137*

**Youth Education Curriculum Kickoff Meeting July 26**

The SWP will soon begin work with a contractor, the non-profit organization Nature Vision, to develop several components of a youth education outreach strategy. Nature Vision will assist the SWP in developing

- ✓ A water conservation curriculum for classroom presentations (for elementary, middle, and high school students)
- ✓ Content for the regional web site
- ✓ Fix a Leak Week Challenge materials
- ✓ A recruitment plan to enlist schools in the classroom presentations and Fix a Leak Week Challenge.

Nature Vision will conduct the classroom presentations and implement the Fix a Leak Week Challenge program in interested schools. A kick-off meeting will be held on Friday, July 26th in Woodinville. If you are interested in providing input in the initial stage of program development, please contact Arece.

*CONTACT: Arece Hampton (206) 733-9137*

**RESIDENTIAL & COMMERCIAL LANDSCAPE Fall Savvy Gardener Classes Finish Out the Year**

The SWP hosted six classes this fall with a total of 115 attendees. Shoreline Water District hosted a class for the first time and Woodinville Water District offered a new class in creating edible food forests. Participants were highly engaged at both classes and Shoreline will likely host again in 2014.  
*CONTACT: Liz Fikejs (206) 615-0516*

### Gardening Videos Wrap Up for 2013

The final gardening video for this year was completed with Marianne Binetti, celebrity garden writer and the cable TV show, Seattle Dig In. This show airs on KZJO / Joe TV (channel 25) Sundays at 8:30 am, every day on the YourHomeTV **LIVE CHANNEL**, or on-demand via **PODCAST**, (through the itunes store). As a result of this collaboration, SWP now owns videos on mulching, natural lawn care, proper soaker hose use and fall planting. See the videos on the SWP web site at <http://www.savingwater.org/LawnGarden/index.htm>. Please let us know if you have a public channel station in your area that could air these videos at seasonally appropriate times to your customers.

*CONTACT: Liz Fikejs, 206-615-0516*

### Landscape Working Group Plans for 2014

In late July, the Conservation Technical Forum Landscape Working Group discussed possible changes to the landscape program as a result of Cascade's decision to no longer partner on the Savvy Gardener classes. This change impacts SWP plans because it reduces resources available to work on this staff-intensive program.

The group agreed to:

- \* Limit the classes and venues available for this program;
- \* Enlist SWP purveyor partners to host the classes at their facilities, if they want. Responsibilities would include arranging for the availability, set-up, and clean-up of the space, as well as welcoming attendees and handling the distribution and collection of the evaluation forms;
- \* Address the needs of "new gardeners" with a suite of items that cover the basics of resource-efficient gardening. These could include a one-page fact sheet, a short video for the SWP website, and a class to be offered as part of the Savvy Gardener series.

*CONTACT: Nota Lucas, 206-684-5855*

### Professional Landscaping Workshops Taking Place in October and March

The SWP is assisting in the development of two workshops under the auspices of the Green Gardening Program (GGP). The GGP is funded primarily by the Local Hazardous Waste Management Program in King County and provides outreach and education to the professional landscape community focusing on landscape sustainability. While the focus has historically been on reducing use of toxic chemicals in the landscape, water use efficiency is an increasingly important program element.



The first workshop – Walking the Talk: Tools for Sustainable Landscapes – is being held on October 22. The second workshop, focusing on water efficient landscape design, is March 12, 2014. Both will be held at South Seattle Community College. Registration for the first workshop is underway, with details emailed to an extensive database of landscape professionals in King County.

*CONTACT: Nota Lucas, 206-684-5855*

### Irrigation Professional Trainings

Along with the comprehensive resource conservation landscape management trainings provided by the Green Gardening Program, SWP offers quarterly irrigation trainings for professionals. In August, two classes were offered. The first class focused on drip design and the second class focused on overall irrigation system design. Another training is being planned for November or December, however no further details are available at this time, and a springtime training is scheduled in March 2014 with Rainbird Irrigation.

*CONTACT: Jenna Smith, 206-684-5955*

## COMMERCIAL WATER CONSERVATION Large Projects, Pilot Projects and Research Projects Underway

Several large projects have been recently approved. One project of note in the City of Renton is Valley Medical Center (VMC). Over the course of the next few months, VMC will be upgrading and fine tuning all of their bathroom fixtures for optimal performance and water efficiency. Several pilot and research projects are in the field testing or data gathering stage:

- ❖ A pilot incentive program for high performing cooling towers is seeking participants
- ❖ A Reverse Osmosis system efficiency checklist and set of performance recommendations is currently being field tested
- ❖ A research project on indoor/outdoor public and private water fountains is awaiting the final round of field measurements.

*CONTACT: Phil Paschke, 206-684-5883*

