Bureau Administrator Announces Retirement

I recently let Commissioner Fish know that I intend to retire effective June 30, 2015, my 37th anniversary as an employee of the City of Portland and my 10th anniversary as the Administrator of the Portland Water Bureau.

Commissioner Fish has asked me if I will stay on beyond June 30th if necessary while he and his staff conduct a search for a new director and I have said that I would.

I cannot describe how proud I am to have worked for the Portland Water Bureau these last ten years. My entire career at the City of Portland has been incredibly fulfilling and rewarding, but these last ten years have been the most special.

We do a great job providing clean and affordable water to our customers. Over the last ten years, I have learned what it truly takes to deliver billions of gallons of safe drinking water every year from the Bull Run and our well field to the taps of almost one quarter of Oregon’s population. We provide the least expensive and most cost effective essential service that allows Portland and its surrounding communities to thrive. Our retail customers pay one cent for almost two gallons of water delivered to every tap in their home or business. We have over $8 billion dollars in assets that make that possible and over 500 dedicated professionals who are working 24/7 365 days a year to ensure that we provide water that remains “clean, cold, cheap & constant”.

For over 120 years the Portland Water Bureau has provided exceptional service to its customers. Over the past ten years we have built and improved the infrastructure that will allow us to continue providing exceptional service for the next century. The Water Bureau has great challenges ahead as rates rise, its infrastructure ages and the threat of a seismic disaster looms, but I believe the bureau is on the right track and will rise to each challenge as it always has.

June 30th is a ways away yet, but I suspect the time will fly. I will do my best to keep you informed about next steps, and hope to be able to connect with many of you in person between now and then.

David G. Shaff, Administrator

“I have enjoyed my time working for the City of Portland and the Water Bureau,” says David. “While there have been some bumps and frustrations along the way, I can easily say that I regard my time here as challenging, rewarding, and fulfilling. I’m looking forward to finding new challenges, rewards and fulfillment.”
This March marks the third anniversary of the Bull Run Treatment Variance (BRTV). Granted by the Oregon Health Authority in 2012, the Variance allows the Portland Water Bureau to operate the Bull Run supply without treatment for Cryptosporidium, due to the protected nature of the watershed.

Maintaining the BRTV requires intensive monitoring for Cryptosporidium. In 2014, the Water Bureau collected and tested the following for Cryptosporidium:

- 5,200 liters (L) of raw intake water from Headworks
- 710 L of Bull Run tributary water from the 4 Key Stations
- 294 wildlife scats from the watershed

The Water Bureau is also required to demonstrate protection of the watershed and water supply. To that end, the bureau:

- Completed 1,155 checks of 16 watershed entry gates
- Conducted 363 inspections of the Diversion Pool
- Verified containment at 16 sanitary facilities
- Carried out 27 wildlife inspections
- Inspected 13 miles of public trails
- Flew 2 aerial inspections for landslides
- Prepared a 97 page compliance report for OHA, accessible on the LT2 web page.

In addition to meeting these ongoing requirements, the Water Bureau met several milestones in 2014 including:

- Major Key Station upgrades
- Two wildlife studies
- A Bull Run Neighbor Outreach campaign
- A standard operating procedure for livestock incursions

And finally, the most important statistics for 2014:

- Complete compliance with Variance conditions
- Zero detections of Cryptosporidium in the water

According to the Centers for Disease Control and Prevention (CDC), Cryptosporidium or “Crypto” is one of the leading causes of waterborne disease, or disease caused by contaminated drinking water or recreational water. Recreational water is water from swimming pools, hot tubs, fountains, lakes, rivers, springs, ponds, or streams that can be contaminated with sewage or feces from humans or animals.
Meet the Bull Run Treatment Variance Team

The core team supporting the BRTV includes four staff in the Operations Group and one in the Resource Protection and Planning Group:

**Ann Richter**, Environmental Program Manager in the Operations Group, manages compliance with the Variance conditions. She has a MS in Environmental Science and was on the technical team that submitted the variance request in 2011.

**Sadie Silkie**, Environmental Specialist in the Operations Group, is the technical lead on lab contracts and compliance reports. She has a PhD in Environmental Engineering and investigated fecal source tracking in surface water for her dissertation.

**Erik Englebert**, Environmental Technician II in the Operations Group, heads up tributary water monitoring and sanitary inspections. He has a MS in Microbiology and has been a Registered Environmental Health Specialist for over eight years.

**John Deshler**, Wildlife Biologist in the Resource Protection and Planning Group, leads scat monitoring and wildlife studies in the Bull Run. He has a MS in Biology and spent five years studying the ecology of northern pygmy-owls.

**Aileen Smith**, Environmental Technician II in the Operations Group, focuses on scat and wildlife monitoring, data management, and technical writing. She has a MS in Environmental Science and previously studied penguins in Antarctica.

Thank you to all the additional Water Bureau staff that supports the Variance work, including:

- Water Treatment Operators
- Security
- Sandy River Station
- Resource Protection & Planning
- Engineering Services
- Public Information
- LT2 Advisory Committee
‘Cozy Up’ to a Pot of Tea in Honor of the Benson Bubblers

For the past six years, the City of Portland has played host to the Rose City Yarn Crawl, inviting local knitters, crocheters, spinners, and felters to explore the many yarn shops in and around Portland.

During the crawl, each yarn shop offers featured patterns. This year, shops designed patterns highlighting some of the Portland area’s memorable landmarks and destinations.

One of the patterns introduced during the yarn crawl was a crocheted “Benson Bubbler Teapot Cozy” by Tinaka Schwendiman. This imaginative pattern includes a fountain body, bowls, water, and spouts, and is 20” in circumference at its widest point and 5” tall.

All patterns presented at this year’s crawl, including the “Benson Bubbler Teapot Cozy,” are available for download individually or as part of the 2015 eBook, “Postcards from Portland.”

Elementary Students Demonstrate Appreciation for Bull Run Tour – Even If They Didn’t Attend

Every spring and fall, the Portland Water Bureau’s Education program takes students on field trips to the Bull Run Watershed. During a typical field trip, students test turbidity, learn how the forest protects the water, and tour the inside of Dam 1.

Enjoy these highlights from thank you notes students sent after the fall 2014 field trip season!

Once is not enough for Jack!

It must have been raining while they were conducting turbidity tests—very common in the Bull Run.

This student felt compelled to write a thank you note after hearing all the cool stuff s/he missed.
**Winter Issue of AWWA Magazine Highlights Portland’s Water Infrastructure**

**Resident Historian Explains Relationship between Water System History and Standard Development**

In the winter 2014-15 issue of the American Water Works Association (AWWA) Pacific Northwest Section magazine *Water Matters*, local Historian and Adjunct Assistant Professor at Portland State University Dr. Catherine Howells submitted a thought provoking article with a Portland Water Bureau connection.

The article, titled “Pipes and Standards,” discussed the Water Bureau’s recent removal of a cast iron pipe with a manufacturer’s stamp from 1883. Upon removal, the pipe showed no signs of cracking, corrosion, or pitting. The pipe was produced by R. D. Wood & Co. of New Jersey. After researching its manufacturer, the bureau’s Asset Management Team found that the pipe was known for reliability and was used extensively for the infrastructure of Paris, France.

Catherine uses this example to draw a correlation between the importance of developing standards and requirements for materials placed in the ground in order to help establish and maintain an operative water supply.

**Water Bureau’s Approach to Mitigating Light Rail-Related Impacts to Water Infrastructure**

Kennedy/Jenks Consultants Project Manager Aaron Eder, P.E., also wrote an in-depth article for the winter issue of AWWA’s *Water Matters* magazine. The article discussed unique challenges posed to water infrastructure as the transit system grows to meet future demands of an increasing population.

Eder provides examples of how the Portland Water Bureau partnered with TriMet, local consultants, and contractors to mitigate these challenges:

- Relocating or improving utilities underneath transit tracks to minimize the possibility of damage.
- Encasing existing mains crossing under the transit track in steel facilitates maintenance or replacing encased pipe.
- Replacing existing service lines and hydrant runs crossing under the track slabs with ductile iron or copper pipe encased in polyvinyl chloride.
- Placing 30 lb. magnesium anodes every 100 feet along all water mains parallel to the track to mitigate corrosive effects of stray electric currents common with light-rail projects.
- Adding insulating joints at connections to existing mains, as well as at each end of the steel-encased mains, to prevent stray currents from traveling too far along the pipeline.

To read Aaron Eder’s entire *Stray Current Mitigation* article, access the winter issue [online].

**Did You Know?**

The original Portland Water Bureau light rail standards for the water system were developed in-house over several years, and culminated in a published 2005 NACE paper by Principal Engineers Mary Ellen Collentine and Teresa Elliott and Senior Engineer Stu Greenberger in response to impacts from the Interstate Light Rail Project. Since then, these standards have been adopted by municipalities all over the United States to protect water systems.
The Portland Water Bureau recently adopted a new policy to guide surplus property disposal. The policy includes an increased level of public notification and improved opportunities for community involvement.

All of the bureau’s surplus properties are detailed on the newly developed Surplus Property website. Each property has a dedicated page that includes photos, site details, reason for disposal, square footage, zoning, conditions of sale, and information on the surplus property’s stage of disposal.

Employee feedback and suggestions about the website are welcome. Please direct comments to Tom Klutz, Property Acquisition and Services Manager, at 503-823-7503 or by e-mail.

City Utility Rate Review

On Thursday, March 12, the City of Portland invited members of the community to the second annual City Utility Rate Review meeting to discuss utility rates proposed for FY 2015-16.

Mayor Charlie Hales, City Council members, and management staff from both the Portland Water Bureau and the Bureau of Environmental Services (BES) were on hand to answer questions and discuss the combined 4.8 percent rate increase proposed by the City’s two utility bureaus.

View the presentation given during the Utility Rate Review meeting online.

A small crowd attended the public meeting to learn the whys and hows behind the proposed combined 4.8 percent rate increase.

A joint PowerPoint presentation was given by the Water Bureau and BES.

Surplus Property Disposal Policy Updated to Include Robust Public Notice, Engagement

The Portland Water Bureau recently adopted a new policy to guide surplus property disposal. The policy includes an increased level of public notification and improved opportunities for community involvement.

Employee feedback and suggestions about the website are welcome. Please direct comments to Tom Klutz, Property Acquisition and Services Manager, at 503-823-7503 or by e-mail.

Take Away Tools & Resources

Sign up to Automatically Receive Surplus Property Notifications

Public Notification Process

Surplus Property Identification, Disposition, and Notification Process Policy

Other City Properties Available for Lease and Purchase
Call to Action: Protect Our Groundwater

During the week of March 8, the Portland Water Bureau joined the National Groundwater Association and other partners to give special recognition to one of our nation’s most valuable resources - GROUNDWATER.

Groundwater provides drinking water for nearly half our nation’s population. Locally, groundwater from the Columbia South Shore Well Field helps Portland to maintain the region’s primary drinking water supply in the Bull Run watershed as an unfiltered drinking water source.

We all play a role in preserving this vital drinking water resource. Whether you’re a resident, business owner, employee or farmer, you can make a difference.

What can you do to be a groundwater steward and help protect this resource?

Implement these following actions into your everyday life:

- Follow all instructions for the use, storage and disposal of household chemicals.
- Check your vehicles for leaks.
- Avoid over-treating your garden or lawn with chemicals.
- Recycle or dispose of batteries properly.
- Check underground storage tanks for leaks.
- Landscape with native plants.
- Avoid overwatering gardens or lawns, especially after applying fertilizers and pesticides.
- Never pour household chemicals or used motor oil down storm drains.
- Report chemical spills and illegal dumping.
- Clean up pet waste to keep excess nutrients and bacteria out of our waterways.

Questions? Contact Kavita Heyn, 503-823-4724 or by email.

Interstate Office Move Triggers Recycling Challenge

Let’s reduce the material we send to the landfill as we transition to new office spaces at Interstate.

The Interstate Green Team has labeled and organized containers in the covered parking space near the boot washing station/parking entrance at Interstate to collect office materials for reuse and recycling. Please use this guide to help sort your unwanted material, and save the bureau money.

Questions? Contact Kavita Heyn, 503-823-4724 or by email.

Groundwater 101

Groundwater is the water that soaks into the soil from rain or other precipitation and moves deep underground to fill cracks and other openings in beds of rocks and sand, called aquifers. Of all the fresh water in the world (excluding polar ice caps), 95 percent is groundwater. Increase your groundwater awareness!

Mixed Recycling
WHERE: Any Recycling Dumpster or Mixed Recycling Blue Roll Cart
Materials Accepted:
- Office paper, paper filing, books, magazines (e.g. sticky notes, plastic windows on envelopes, staples, paper clips)
- Plastic bottles and tubes
- Small office metal items (e.g. broken metal stapler, metal organizer trays)

Broken or Unusable Plastic Office Supplies
WHERE: Marked Containers by Boot Washing Station/Covered Parking Entrance
Materials Accepted:
- Plastic organizer trays and stands
- Used pens
- Misc. plastic

Electronics (please remove batteries)
WHERE: Marked Containers by Boot Washing Station/Covered Parking Entrance
Materials Accepted: (any item that uses batteries or has a power cord)
- Broken calculators
- Keyboards
- Monitors
- Computer accessories
- Fans, heaters

Office Chairs & Furniture
- David Gray will be sharing information regarding the donation and disposal of this material

Let’s reduce the material we send to the landfill as we transition to new office spaces at Interstate.
David Rosenak’s Artwork Unveiled at Portland Art Museum

At the end of this month, artwork created by Portland Water Bureau’s own David Rosenak will be showcased in the Portland Art Museum’s Schnitzer Center For Northwest Art in downtown Portland.

David, an Office Support Specialist II, currently works in the Water Bureau’s Finance and Support Services Group on the fifth floor of the Portland Building.

While David has pieces that are part of the museum’s permanent collection, the paintings to be installed this month are on loan and will be viewable in the gallery for at least a year. These cityscape paintings made their debut during annual Regional Arts & Culture Council (RACC) “All the Art That Fits” exhibits in the Portland Building lobby.

The Schnitzer Center For Northwest Art presents a survey of historical and contemporary artists, forming a narrative of Northwest art since the late 19th century. The gallery occupies the third and fourth floors of the Portland Art Museum’s Hoffman Wing.

If you have a chance, stop by the Museum and visit David’s oil on plywood artwork Tuesday through Sunday, or for free on the fourth Friday of every month from 5 to 8 p.m.

For more information about the Portland Art Museum, visit http://portlandartmuseum.org.

Thoughts from David

“I've been making pretty much the same painting over and over for decades, trying to get a better result. I'm wired to paint and driven to get at something I can feel in my bones – maybe nothing more or less than the feeling of being alive and in the world. Hard to say.”

“My favorite paintings seize my mind through my eyes. Vivid yet mysterious, it’s like being eyeball-to-eyeball with a loved one. That’s the experience I’d like my work to provide a viewer and its best if I don’t interfere with words for what I don’t have words for.”

Portland Building Architect & Designer Michael Graves Dies At 80

Michael Graves, an architect and designer best known in the region for the Portland Building, died March 12 at his home in Princeton, New Jersey. He was 80 years old.

Graves was considered a contemporary architect and won hundreds of prizes in his field. He started his practice in 1964 which designed over 400 buildings worldwide for corporations, governments, foundations, and universities.

The Portland Building’s Legacy

In 1979, the City of Portland sponsored a competition for the design of the Portland Service Building (Portland Building), located on a 40,000 square-foot block in downtown Portland.

Michael Graves designed a colorful low-cost design of a building divided into a three-part partition of base-body-top. In his submission, Graves added symbolism through color—green for the ground and blue for the sky – in order to visually tie the building to the environment and location. The building opened in 1982 and was considered a major key-point in architecture history at the time.
Local Water Professionals Learn about Conveying Technical Information to the Public

On March 5, water professionals from around the region attended a one day conference on Strategic Communication for Water Quality Issues: Best Practices and Lessons Learned for Conveying Technical Information to the Public.

The event brought together engineers, scientists, public information professionals, and government agency representatives to learn more about how to talk to the public about complex water issues.

The conference offered three topic modules that presented the science behind a water quality issue, followed by a case study on how the issue was tackled. Case study presentations on microbial issues that mandated a boil water advisory for Mercer Island, Washington and Portland were presented. City of Salem representatives discussed a recent algal bloom event, and the city of Longview, Washington presented on an inorganic solid accumulation release that is still troubling parts of the city. Other examples that received national attention outside the Pacific Northwest were discussed.

The event was sponsored by Public Information & Water Quality Committees of the American Water Works Association (AWWA) Pacific Northwest Section.

Sharing Our Experiences & Lessons Learned

If there is a leak in the Portland Water Bureau’s distribution system, what prevents soil and other contaminants from entering cracks in a pipe?

A. We can’t prevent contamination, but we add enough chlorine to disinfect anything that may enter the pipes.

B. We maintain water pressure in the system to ensure that water leaks out of breaks in the system, preventing outside material from entering.

C. Some contamination may occur, but when we find a leak in our system we repair it within 12 hours.

Answer: B

Water pressure not only keeps water moving in our system, it also protects water quality. As long as our system is under pressure, water is forced out of cracks or holes in pipes, which prevents soil and other contaminants from entering. If there is a total loss of pressure somewhere in our system, which can sometimes occur with a large main break, a temporary boil water notice may be issued to affected customers.

Questions or concerns about water quality? Contact the Portland Water Bureau’s Water Line at 503-823-7525.
Mark Your Calendars: It’s Time to Get SOAKED!

The 2015 *Sharing Our Assets and Knowledge for Employee Development (SOAKED)* program is scheduled for mid-May to mid-June this year.

Through field trips and presentations, SOAKED participants learn about Bull Run, water treatment, groundwater, water quality, in-town storage, current engineering projects, maintenance and construction, customer service, finance, water efficiency, and much, much more.

Participating employees are asked to commit to the SOAKED schedule, which consists of two full days per week over a four-week period starting in mid-May. The program can accommodate 20 participants, ideally divided among work groups throughout the bureau.

**Interested in Participating in the 2015 SOAKED Program?**

Don't wait, make it known to your immediate supervisor!

**Questions?**

Contact Ross Turkus, Training and Development Officer, at 503-823-1058 or by e-mail.

---

**Customer Services Group: February 2015 by the Numbers**

**CALL CENTER**

24 customer account specialists in the Call Center

- Answered 16,232 customer phone calls
- Processed 1,257 customer emails

**METER READERS**

10.25 meter readers in the field (average)

- Read 59,375 quarterly accounts for residential meters
- Walked approximately 1,250 miles

**WATER SERVICE INSPECTORS**

7 water service inspectors in the field (average)

- Processed 3,100 service orders
- Delivered 2,201 final notices
- Conducted 381 turn-ons

**METER SHOP**

- Conducted 379 meter maintenance/repairs
- Changed or replaced 327 meters
- Disbursed 8 new meters 1.5 inch and larger
- Fielded 41 dispatched radio calls for crew assistance

---

**When It Rains, It Pours – GET SOAKED!**

SOAKED is a great opportunity for both new and longstanding Portland Water Bureau employees, and gives participants an up-close, personal look at how the bureau’s many different work groups contribute to the goal of delivering high quality drinking water.
PSU Students Present Capstone Projects

Portland State University (PSU) Capstone students presented six community outreach products to the Portland Water Bureau on March 10.

The senior Capstone class, titled “Portland’s Water: History and Challenges,” is designed to give PSU students in their senior year of undergraduate studies a community-based opportunity to learn about the Bull Run Watershed (the source of Portland’s drinking water), the delivery system, and the work of the Portland Water Bureau to deliver high quality drinking water to Portland’s taps in an inquiry based format.

Course content is brought to life with guest lectures from Water Bureau subject matter experts, field trips to the Bull Run and in-town facilities, and the development of community outreach products to inform their fellow citizens about the water system.

This term, student’s outreach projects demonstrated thoughtfully researched ideas and proof of concept models, showing exceptional attention to technical processes and project sequencing and planning. These projects are based on the student’s own original ideas and provide real lessons for students about creativity, teamwork, and accountability.

Learn more about the PSU Capstone Program [here](#).

Community Outreach Projects:

**Project 1:**
A coloring book with well written narrative illustrating Portland’s water system. The project was created by using Photoshop to modify historic Water Bureau photos.

**Project 2:**
An OMSI exhibit to interpret the development of infrastructure and expansion of the water system over time.

**Project 3:**
A Benson Bubbler finder smartphone app that uses a GIS layer to identify the locations of drinking fountains while providing bubbler history and related information.

**Project 4:**
A strategy to promote the Portland Water Bureau’s Legacy Through Art to engage with the local art community and “draw” attention to Portland’s water. The project included an original coffee painting of Isaac Smith.

**Project 5:**
“Where’s WES” proposed a hydration station specifically to draw an audience to messaging by quenching the thirst of thousands of parched patrons at Portland’s farmers markets, marketing our product and educating the masses.

**Project 6:**
A “Pro-Pipe” marketing strategy that integrates multiple social media platforms to educate about the Water Bureau and market visual products to stimulate brand recognition.
Rob Brinkman Wins Safe Employee Award for March 2015

One of the ways the Portland Water Bureau recognizes safe on-the-job behavior is through the “Safe Employee of the Month” award. This award honors employees for safe behavior, warning co-workers about hazards, submitting safety suggestions, active involvement in safety, and reporting injuries immediately.

In March, Operating Engineer III Rob Brinkman was honored as “Safe Employee of the Month.” Nominated by Operating Engineer II Trainee Jasmine Varela, Rob is thanked for his active involvement in safety.

“Rob effectively demonstrates safety awareness over his co-workers when they are in vaults and exhibits over all safe work habits,” says Jasmine.

Great job, Rob!

Pay it Forward: Safety Recognition Award Nomination
Interested in recognizing a co-worker with a Safe Employee of the Month award? Contact Dennis Hughes, Safety and Risk Officer II, by e-mail or at 503-823-8580.

DID YOU KNOW?
In 2005, a team of emergency responders from the Portland Water Bureau played a crucial role in repairing New Orleans’ water system from damages caused by Hurricane Katrina.

One of those responders is March’s Safe Employee Rob Brinkman.

Rob, who actually served two tours in New Orleans after Katrina ravaged the Gulf Coast region, was integral in working to repair the traumatized Sewerage & Water Board of New Orleans (S&WB) system.

Rob and the Portland Water crews worked 16 to 18 hour days, using their expertise and equipment they brought with them to unclog storm sewers, repair broken water mains, hydrants, and motors for pumping stations, addressing leaks, and any other tasks that came their way.

Rob is recognized not only for his dedication to safety in our workplace, but the sacrifice he made without hesitation to respond to one of our nation’s worst natural disasters.

Job well done!

P.S. Guess who’s retiring March 31 of this year? CONGRAT’S ROB!

Style Guide Lesson: Words That Sound Alike but Mean Different Things

Words that sound alike but mean different things are called homophones. Pear and pair, for example, are homophones. Here are a few that occur in business communication that can sometimes get mixed up:

- **Principle** – a noun meaning a fundamental assumption, a rule or law of nature
- **Principal** – an adjective meaning first or primary and a noun meaning the head of an organization
- **Ensure** – a verb meaning to make certain, to make sure
- **Insure** – a verb meaning to safeguard against loss or damage (by buying insurance).
- **Effect** – most commonly used as a noun meaning a result or outcome
- **Affect** – most commonly used as a verb meaning to cause something else to change

By the way, many guides on word usage advise that “impact” (meaning to strike with a blow) is not a substitute for affect.

To learn more about word usage, visit the Portland Water Bureau’s [Online Style Guide](#).
Retirements…Thanks for Your Service!

Cheryl Whiteside, Maintenance Planner/Scheduler
Thank you for 28 years of service at the Water Bureau!

Terry Mendoza, Utility Worker
Thank you for 24 years of service at the Water Bureau!

New Hire…Welcome!

Zsuzsanna Mangu, Community Service Aide I

Congratulations to the February 2015 BRIDGE Award Winners & Drawing Winner

Portland Water Bureau employees have taken the pledge to encourage and acknowledge the contributions of their coworkers in support of the Build Respect, Involvement, Diversity, Goodwill and Excellence (BRIDGE) program. The BRIDGE Award is a thoughtful way to recognize co-workers for their actions that set examples for all Water Bureau employees to follow.

BRIDGE AWARD DRAWING WINNER

TERESA BRENNAN, Finance and Support Services Group

Teresa Brennan was presented with a BRIDGE Award by nominator Jessica Letteney for goodwill and excellence. Teresa is also February’s Drawing Winner.

“Teresa quickly and resourcefully helped solve the problem of difficult laptop connections in the Bull Run Conference Room,” says Jessica. “Thanks to Teresa, that room will soon have a permanent computer.”

Way to go, Teresa!

BRIDGE AWARD RECIPIENTS

Teresa Brennan, Finance and Support Services Group

Todd Evers, Operations Group

Sarah Fine, Resource Protection and Planning Group

Elliot Lisac, Finance and Support Services Group

Stephen Ngai, Engineering Services Group

Tony Re, Engineering Services Group

Erin Stillwell, Engineering Services Group

Andrew Urdahl, Engineering Services Group

Cindy Wells, Maintenance & Construction Group

BRIDGE Award forms are available at all bureau work locations. Employees can also submit awards online. All BRIDGE Award recipients are entered in a monthly drawing for a small gift certificate.