



Portland Public
Schools

2010-2011 School Year

Facilities & Asset Management NEWSLETTER

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Maintenance department works hard to upgrade heating boilers



The Facilities and Asset Management Department has been busy over the past few months upgrading boilers. Each summer, FAM conducts boiler audits. This annual event is required by state codes. The audit involves inspecting boiler tubes for cracks and leaks, replacing seals and gaskets, and checking all the boilers' safety features.

In addition to boiler inspections, FAM is converting the boilers at Whitman and Creston from oil to natural gas. This conversion process saves energy and uses cleaner fuel. The conversion comprises multiple steps: bringing new gas service in from the street to the boiler, modifying the old boiler's fire box brick and fire doors, installing and wiring new safety controls and flame management systems, installing high-efficiency burners, completing a code compliance system start up, and tuning for optimal efficiency.

Additionally, FAM is replacing both of the natural gas boilers at Forest Park through a joint effort between Maintenance and Project Management. These old boilers operated unreliably and were at the end of their useful life.



PPS Facilities Space Inventory:

- PPS maintains approximately 9.3 m SqFt
- Elementary Schools: 1.7 m SqFt
- K-8 Schools: 1.8 m SqFt
- Middle Schools: 1.3 m SqFt
- High Schools: 3.0 m SqFt

Recovery Zone Bond Program funds conservation projects

FAM's largest project is the Recovery Zone Economic Development Bond Program - which will fund energy and water conservation projects across the district - and will affect every school. This program will help PPS reduce energy costs and create

much needed jobs for our region. The Recovery Zone Bond projects include exit light replacement, plumbing fixture upgrades and heating valve replacements. The Recovery Zone Bond Program projects will continue throughout the

school year. FAM's project managers will be in contact with schools as schedules are developed and work is completed. We are committed to minimizing classroom disruptions while creating optimal learning environments.

Getting to know the new AD of Facilities Operations, Tom Adams

Tom Adams grew up mostly in southern California. Throughout his K-12 education, he attended seventeen schools, and graduated from Corvallis High School. Tom was a sailor, soldier and airman in three different branches of the military and used the GI bill to attend college. He loves reading and considers himself a lifelong learner.

For variety, Tom holds a lifetime teaching credential as an industrial arts instructor and has been a commissioner on planning, design review and housing authority boards, a commercial diver, off-shore powerboat racing rescue-diver and real estate broker/developer among a host of other vocations. Tom enjoys traveling in his free time. His favorite

place to visit is England because he loves castles. Before joining Facilities and Asset Management at PPS, Tom worked as the Fleet and Facilities Manager for the City of Olympia, Washington. If you have yet to meet Tom, stop by and see him in the Facilities Operations office on the first floor at the BESC. Welcome Tom!



Community Transition Program moves into leased space on MLK

FAM recently managed tenant improvements for the Community Transition Program (CTP) which moved into a space on Martin Luther King, Jr. Blvd. The CTP program helps recent graduates gain independent living skills and vocational training to transition to adult life after graduation. The 2,700 square foot commercial

office space located on MLK across from the Nike Outlet Store required new carpet, a kitchen, and all the data and electrical components required for a PPS program. "We are really looking forward to getting our transition classrooms for young adults out of the high schools and into an adult educational setting.

The MLK site is convenient to community services and continuing education options, including PCC and PSU," says Corinne Thomas-Kersting, the CTP Program Administrator.



Wind turbine to be installed at Skyline this fall

The Bonneville Environmental Foundation's Solar 4R Schools (BEF S4RS) staff expressed interest in developing a small-scale wind turbine electricity generation project to Portland Public Schools nearly two years ago. The BEF S4RS program installs small-scale solar and wind pro-

jects at no cost to local school districts. PPS's project includes a kiosk with internet-based data as a learning tool for the school community. Skyline School was identified because of its location and the interest by the school's community. Another partner, Andersen Electric, has persistently

guided the project through city and county permitting processes. And now, through a collaborative effort, the Skyline wind turbine is scheduled for installation this fall.



Atkinson & Scott produce surplus solar power

Through a partnership with Gerding Edlen Sustainable Solutions, FAM re-roofed and installed solar panels at nine schools last summer. During July 2010, Atkinson and Scott's solar panels created more electricity than the school consumed; a first time event for PPS's solar power-generating buildings. The District receives credits from

PGE and Pacific Power when the solar panels generate excess power. PPS expects to save more than \$1 million in energy costs over the next two decades as a result of this solar panel installation. Besides Atkinson and Scott, the other PPS schools with solar roofs are Creston, Jackson, Lane, Lent, Pioneer at Columbia, Roseway Heights, and Wood-

stock. Furthermore, smaller solar installations operate at Cleveland, daVinci, Jefferson, Lincoln, Rosa Parks, Sellwood, and Sunnyside.



St. John's TRAC Initiative at work on Roosevelt campus

Portland Public Schools along with the St. Johns Teddy Roosevelt Athletic Complex (TRAC) sponsors are replacing the deteriorated grass surface at the main stadium area on the Roosevelt campus with an all-weather artificial surface. In addition to the turf, a new press box will be installed to replace the facility removed in 2008.

These projects will be completed in time for Roosevelt's first home football game in October. The track will be resurfaced at a later date. These improvements are part of a larger school improvement program at Roosevelt High School.



Grant funds a new community garden at closed Clarendon site

The Portsmouth Neighborhood Association, in partnership with Portland Public Schools and Portland Parks & Recreation, was awarded an Interstate Urban Renewal Area Livability Grant. The grant will be used to install a community garden at the closed Clarendon School site.

The neighborhood has long requested improvements to the site. Portland Parks & Recreation will maintain and operate the garden, which will bring neighbors together to share and develop community in the Portsmouth neighborhood. The community garden is slated to open in 2011.



Portland Public Schools

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PPS Mission:

At Portland Public Schools, this is our goal: By the end of elementary, middle, and high school, every student by name will meet or exceed academic standards and will be fully prepared to make productive life decisions.

Portland Public Schools Facilities & Asset Management

The Facilities & Asset Management (FAM) Department supports classroom teaching and learning by providing a safe and healthy environment that is conducive to learning for students and staff.

AmeriCorps Members Update: Farewell & Welcome

Once again we say thank you and bid a fond farewell to our AmeriCorps members, Melissa Kerry and Aleta Mills. They have been invaluable and effective in their work helping the district save resources and money. Melissa is the new Sustainability Community Liaison for the Garten Foundation, and Aleta is excited to pursue a career working with families conducting home energy audits. For the 12th consecutive year, PPS Facilities is

proud to welcome two new AmeriCorps members. Arianna Lambie, a recent Stanford University graduate will be our new Sustainability Coordinator AmeriCorps member, running the Electricity Incentive Program and helping draft the district's Sustainability Plan. Arianna holds the record for running the 3rd fastest high school mile and has 14 All-American track awards, including 8 top-3 NCAA performances. Anders Christensen joins

us from Western Michigan University as our Resource Conservation Coordinator. He'll be working with schools to help "green" their practices and certify them as Oregon Green Schools. Anders has extensive experience in the classroom with a focus on Visual Arts. They'll begin their 11-month placement on September 27.

