

2011 King County Green Building Summit and Excellence in Building Green Awards Ceremony

“One of my top priorities and a key goal in our King County Strategic Plan is protecting our environment and quality of life for future generations. We need to continue to push the envelope on saving energy and resources in all areas of county operations and construction.”

“Thanks to your leadership and creativity, King County is a local, regional, and national leader in green building and sustainable development. I want to honor the innovative spirit of King County employees, so I am pleased to announce the Excellence in Building Green Awards.”

Dow Constantine

King County Executive Dow Constantine

Resourcefulness – A Day of Sharing
Celebrating and Sharing
Our Sustainable Development Accomplishments

Wednesday, October 26, 2011

9 a.m. – 3 p.m.

Brightwater Environmental Education and Community Center



Green Tools

Powered by the Solid Waste Division

Welcome to the 2011 Green Building Summit and Excellence in Building Green Awards Ceremony. Your attendance at this event shows your commitment and interest in implementing sustainable development, green building and operation practices for King County facilities. The intent of this event is to provide an opportunity to learn what sustainable practices are being employed countywide from fellow King County project managers and innovators. Showing the value of this talent is one of the reasons King County Executive Dow Constantine is presenting the 2011 Excellence in Building Green Awards to King County employees to recognize staff leadership. You will also have the opportunity to learn about and tour the sustainable development elements of the Brightwater Treatment Plant including the treatment facilities, education and community center, and restored habitat areas. Finally, we hope you will take the time to look at the many green building and operations resources available that will assist you in your various capital or operating projects. Thank you very much for participating today, and your continued efforts in implementing sustainable development practices.

- King County Green Building Team

Guest Speaker Bio

Michael Popiwny, Architectural Design and Mitigation Manager, Wastewater Treatment Division, KC DNRP.

Mr. Popiwny has worked in the fields of land planning, architectural and landscape architectural design, and habitat creation and restoration for the last 25 years. He led the site selection process for King County's Brightwater Wastewater Treatment System which now includes a treatment plant site of 114 acres, approximately 14 miles of deep tunnel conveyance and a marine outfall located in Puget Sound more than one mile out and 600 feet deep. He is currently overseeing the system wide architectural and landscape architectural design and construction, development of the associated art program, overseeing the development, design and construction of the mitigation program and directing the LEED sustainable design approach for the Brightwater system. His experience includes managing the design and construction of the Port of Seattle's 100 million dollar Bell Street Pier multiple use project, King County's acquisition of the 11 mile railroad right-of-way that has become the Eastlake Sammamish Trail, design of the 26 acres of parkland that surrounds the West Point Treatment Facility and several additional large scale planning, design and construction projects around the United States. The site selection process for the Brightwater system won the 2005 Award of Honor in Analysis and Planning from the American Society of Landscape Architects.



Brightwater

Tour the sustainable development elements of the Brightwater Treatment Plant.

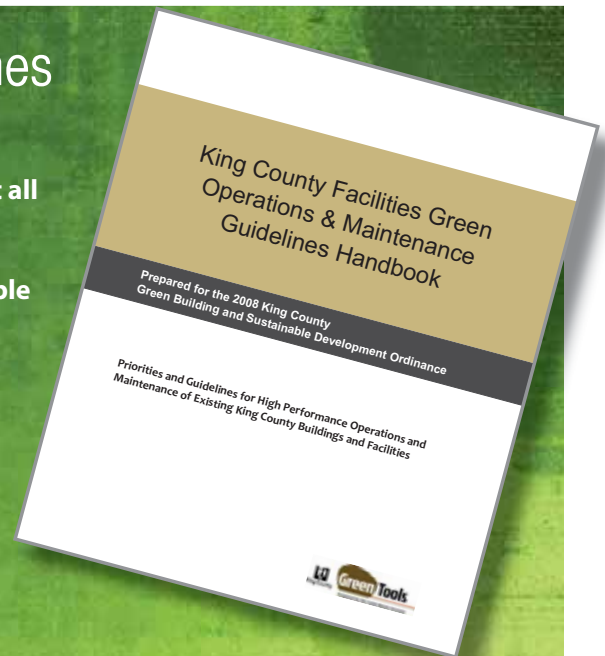
Event agenda

Time	Activity
8 – 9 a.m.	RapidRide bus shuttle from downtown Seattle to Brightwater *Metro Transit Division presentation will be held on board during travel time
9 – 9:15 a.m.	Registration/Sign in/Visit displays
9:15 – 9:30 a.m.	Welcoming remarks and introduction
9:30 – 10 a.m.	Guest Speaker: Michael Popiwny, Brightwater Treatment Plant Presentation
10 – 11:45 a.m.	Presentations by King County Divisions on green building and operations efforts
11:45 – 12:30 p.m.	Lunch Keynote Address – King County Executive Dow Constantine
12:30 – 1:30 p.m.	2011 Excellence in Building Green Awards Ceremony
1:30 – 3 p.m.	Brightwater tours & visit displays
3 – 4 p.m.	Load bus and travel back to downtown Seattle

The purpose of these O&M Guidelines is to:

- Help achieve a standard level of green building O&M at all King County facilities.
- Provide guidance to O& M staff in developing sustainable O&M practices for their facilities.
- Serve as a resource for updating existing O&M plans to meet the new goals identified in the 2008 King County Green Building and Sustainable Development Ordinance.

For more information, visit :
your.kingcounty.gov/solidwaste/greenbuilding



2011 King County Excellence in Building Green Awards

The purpose of the *Excellence in Building Green Award* is to recognize King County employees that exemplify excellence in green building and sustainable development.

Infrastructure

This category is for any infrastructure project that has used green building strategies and the Sustainable Infrastructure Scorecard. Project may be in any stage of development.

SW 98th Street Pedestrian Improvements

Runner Up: Little Footprint Big Forest

Building

This category is for any building project that has used green building strategies and the LEED rating system or Sustainable Infrastructure Scorecard. The project may be in any stage of development.

Atlantic/Central Base Operations Building

Runner Up: Ryerson Base Renovation

Planning

This category is for any project that has used an innovative planning process to achieve green goals.
Solid Waste Division – Engineering Services Section

Solid Waste Division – Engineering Services Section

Houghton Transfer Station Roof Improvement & Mitigation Project

Runner Up: KC International Airport Facility Assessment and Energy Evaluation Study

Creative Deconstruction, Reuse and Recycling

This category is for projects that have employed deconstruction and salvage techniques to recover materials or that have incorporated reused or recycled materials in the project. For example, innovative reuse of infrastructure, buildings or construction materials to save money, energy and other resources while reducing waste and greenhouse gas emissions.

Fagan Hall Deconstruction at Passage Point

Runner Up: Fremouw Residence Demolition and Site Restoration

Maintenance and Operations

Nominations in this category exemplify on-going efforts to improve building systems through implementing conservation measures, operating equipment efficiently, operating and maintaining facilities in accordance with LEED EBOM or equivalent standards, and other strategies that contribute to sustainable building practices.

Denise Thompson, Black River Building

Runner Up: Roads Services Division Implementing Green O & M Practices

Leader in Green Building

Individuals nominated in this category show leadership in green building. Those nominated demonstrate an on-going commitment to ensuring green strategies are used in projects and act as a resource for others. In addition, their leadership illustrates exemplary resourcefulness in the county's sustainability goals despite challenges lack of funding, staffing, training or other resources.

Jacquelynn Roswell

Runner Up: John DeChadenedes and Valerie Kendall

Resource Conservation

Individuals or projects nominated in this category demonstrated significant reduction in ongoing energy or water consumption as supported by rebate programs sponsored by local utilities. Nominees must demonstrate successful participation in at least one conservation program sponsored by PSE, Seattle City Light or Seattle Public Utilities.

West Point Treatment Plant Cogeneration: Waste-2-Energy

Runner Up: King County Aquatic Center Energy Conservation

Innovation in Policy

Individuals or projects nominated for this category developed or shepherded policies at a local, regional, state or national level that encourage or allow green building with ease, efficiency and cost effectiveness.

Larry Fay and Dave Cantrell

Habitat Restoration and Landscape

Individuals or projects nominated in this category demonstrated green and sustainable practices toward restoration or creation of habitat or innovative resource friendly landscaping.

Chinook Bend Natural Area

Runner Up: Evergreen Sustainable Development Standard
– Landscape and Significant Trees Criterion

Legacy in Sustainable Development

Exceptional performance and effort in multiple categories.

Brightwater Treatment Plant

Environmental Education and Community Center

Special thanks go to the Evaluation Committee for reviewing nominations and selecting this year's awardees. A total of thirty-nine nominations were submitted from a variety of county divisions. We appreciate all who worked on and submitted nominations. It speaks to King County's diligence and commitment to green building and operations.

Brightwater Treatment Plant Tours

Attendees will have a choice from three different tours. Please select from the following:

1. **Environmental Education and Community Center (EECC)** – The Center is pursuing LEED Platinum certification. See many of the sustainable design elements such as natural ventilation and daylighting, reclaimed water systems, radiant floor heating, solar panels, and salvaged materials.
2. **Habitat Restoration Areas** – Walk through the 40-acre North Mitigation Area consisting of a reforested area, stream channel habitat, wetland enhancements and a public open space with trails and educational signage.
3. **Treatment Plant Facilities** – See state of the art components including the Membrane Bioreactor Treatment (MBR) Technology allowing a portion of affluent to be reused as Class A reclaimed water, solids handling facilities producing reusable biosolids, and renewable energy by capturing methane gas from solids treatment process to heat treatment plant and EECC.

Bus Shuttle Directions

Bus shuttle will load and depart from Brightwater at **3:00 p.m.** to head back to downtown Seattle. Return transportation will drop off at two locations – King County Administration Building and King Street Center.

Metro Transit RapidRide

Metro Transit incorporated green features into all aspects of its new RapidRide service: the buses, the shelters, operations, and maintenance. It is an outstanding example of a County project that combines many best environmental practices to reduce operational and community energy use, greenhouse-gas emissions, and environmental impacts.



Sustainable Materials Corner and Green Building and Operations Resources

Get a hands-on look at samples of sustainable and local materials. Find more information about Sustainable Infrastructure Scorecard, use WTD's online capital project management system that integrates green building requirements, view the new King County Green O&M Guidelines Handbook, and more. Gather information and ideas for your next or current projects.

Special Acknowledgement

Special appreciation goes to Planning Committee, Executive's Office, Brightwater staff, GreenTools Program, SWD Recycling and Environmental Services and Engineering Services staff, DNRP Public Relations staff, and Metro Transit.

Get GreenTools Support

GreenTools is supported by the Solid Waste Division and is designed to help all King County stakeholders green their built environment while addressing critical environmental issues, such as global warming, critical habitat restoration and solid waste reduction. GreenTools provides technical assistance, grants and hands-on training to help users create green projects efficiently and effectively.

How can GreenTools help me?

Tools

From carbon calculators for capital improvement projects to green O&M guidelines, the GreenTools team has a variety of tools you can use to make greening your project easy.

Technical Assistance

The GreenTools team can provide assistance with green materials selection, project review and budget analysis to help you find efficiencies to make greening your project successful.

Access to Experts

Need an expert on Low Impact Development? Choosing and using a rating system like LEED 2009 or LEED 2012, Sustainable SITES, the Living Building Challenge, and others? Solar photovoltaics? Extreme energy efficiency? Finding relevant rebates and incentives? Take advantage of the GreenTools team's extended network of experts.

Meeting County Priorities and Mandates

The GreenTools team is here to help you implement the Green Building and Sustainable Development Ordinance: achieving LEED Gold on LEED eligible projects and utilizing the Sustainable Infrastructure Scorecard on all other projects. Support is also available to help you implement the Green Operations & Maintenance Guidelines.

Construction and Demolition (C&D) Services

Assistance with identifying reuse/recycling options for your jobsite, and determining how to more efficiently manage your C&D residual materials throughout the construction or demolition process. Free tools include sample construction waste management plans, vendor letters and recycling economics worksheets.

*Contact: Nori Catabay, Project Manager, Green Building Team,
206-296-4407, nori.catabay@kingcounty.gov
Visit us online at www.greentools.us*

Technical Trainings

- Construction & Demolition
- Eco-charrettes 101
- Life Cycle Cost Assessment
- The Integrative Design Process
- Greenhouse Gas Calculation
- Sustainable Infrastructure Scorecard
- Green O & M Practices
- And More

Professional Development

Get your LEED AP designation, and navigate the LEED credential maintenance process.

Project Promotion

Let GreenTools help you promote your achievements through newsletters, case studies, annual reports, and more.

King County Green Building Team

The Green Building Team provides support to King County project managers and staff to help implement green building practices in new construction, the renovation or remodeling of existing buildings, and other non-building infrastructure, as well as implementation of green operation and maintenance practices. Contact your division representative for green building or operations assistance.

Dept/Div	First	Last	Title	Phone	Email
PSB	Sid	Bender	Budget Supervisor	(206) 263-9681	Sid.Bender@kingcounty.gov
Public Health	Karen	Brawley	Program Project Manager III	(206) 263-8168	Karen.Brawley@kingcounty.gov
DNRP Team Sponsor	Bob	Burns	Deputy Director	(206) 263-6296	Bob.Burns@kingcounty.gov
WLRD	Doug	Chin	Senior Engineer	(206) 296-8315	Doug.Chin@kingcounty.gov
FMD (Parks)	Chris	Erickson	Project Manager	(206) 263-4647	Chris.Erickson@kingcounty.gov
SWD	Neil	Fujii	Managing Engineer	(206) 296-4420	Neil.Fujii@kingcounty.gov
DNRP Director's Office	Richard	Gelb	Performance Measurement Mgr.	(206) 296-8374	Richard.Gelb@kingcounty.gov
FBOD	Karen	Hamilton	Environmental Purchasing Prog Mgr	(206) 263-9294	Karen.Hamilton@kingcounty.gov
DCHS	Valerie	Kendall	Program Manager II	(206) 263-9076	Valerie.Kendall@kingcounty.gov
DNRP Director's Office	Matt	Kuharic	Climate Change Program Coordinator	(206) 296-8738	Matt.Kuharic@kingcounty.gov
Parks	Monica	Leers	Section Manager	(206) 263-7243	Monica.Leers@kingcounty.gov
Airport	Gary	Molyneaux	Program Planning Manager	(206) 205-8357	Gary.Molyneaux@kingcounty.gov
OMB	Mike	Morrison	Budget Analyst	(206) 263-9710	Mike.Morrison@kingcounty.gov
WLRD	Laird	O'Rollins	Ecologist	(206) 296-8014	Laird.O'Rollins@kingcounty.gov
Roads	Frank	Overton	Supervising Engineer	(206) 296-8023	Frank.Overton@kingcounty.gov
DDES	Chris	Ricketts	Manager	(206) 296-6750	Chris.Ricketts@kingcounty.gov
WTD	Jacquelynn	Roswell	Capital Project Manager IV	(206) 684-2438	Jacquelynn.Roswell@kingcounty.gov
Transit	Jerry	Rutledge	Power & Facilities Manager	(206) 684-1494	Jerry.Rutledge@kingcounty.gov
Roads	Jim	Sussex	Engineer III	(206) 296-8737	Jim.Sussex@kingcounty.gov
FMD	Denise	Thompson	Project Technician	(206) 296-0552	Denise.Thompson@kingcount.gov
Transit	Mike	Usen	Environmental Planner	(206) 684-1168	Mike.Usen@kingcounty.gov
DNRP Energy Office	David	Van Holde	Energy Manager	(206) 296-3748	David.VanHolde@kingcounty.gov
FMD	John	Willenbacher	Energy Manager	(206) 205-9797	John.Willenbacher@kingcounty.gov
GreenTools Program Team					
County Green Building Team & LEED Assistance	Nori	Catabay	Project Manager	(206) 296-4407	Nori.catabay@kingcounty.gov
C&D Recycling, Deconstruction & Salvage	Kinley	Deller	Project Manager	(206) 296-4434	Kinley.Deller@kingcounty.gov
BuiltGreen & Materials Info	Patti	Southard	Project Manager	(206) 296-8480	Patti.Southard@kingcounty.gov