

Within Your Reach

A publication of the Johnson Creek Watershed Council

reach: a) a portion of a stream or river b) an extent, esp. of knowledge or comprehension

For complete information about each Johnson Creek Days event, please visit our website: www.jcwc.org or call 503-652-7477

Johnson Creek Clean-up

Saturday, August 27

Kick-off Event and BBQ at Mill Park

Treasure Box

September 1-30

Geo-cache with prizes for winners
45.462753, -122.623235

Paint Out

Saturday, September 3, 10, 17

Join other artists to paint watershed scenes

Two Wheel Tour

Saturday, September 10

A bike tour of rain gardens in Gresham

Discovery Carnival

Saturday, September 10

Hands-on activities for families and children under 12

Johnson Creek Runs

Monday, September 12, 19, 26

Group runs for all abilities

Bicycle Poker Ride

Sunday, September 18

A family bike ride to collect cards, win prizes

Mussel Madness

Saturday, September 24

Join the Xerces Society and JCWC for mussel sampling

Ribbon Cutting Ceremony

Friday, October 7

Celebrate the restoration of Johnson Creek's confluence in Milwaukie

Johnson Creek Art Show

Oct. 1-30; First Friday Reception Oct. 7

Spring Creek Coffee House, Milwaukie
Purchase art inspired by the Johnson Creek watershed

Second Annual

Johnson Creek Days Offers New Events



Johnson Creek Days are a series of free community events in September and October, intended to raise watershed awareness. Through recreational activities like biking, painting, and running people will explore Johnson Creek watershed. Volunteers will work to make the watershed a healthier place too with events such as an in-stream trash clean-up and a fresh water mussel sampling survey. Johnson Creek Days feature a Children's Discovery Carnival for families, a month-long art show, and a tour of the Johnson Creek-Willamette River confluence where our salmon habitat project will be constructed this summer. Choose one

event to come to this year or attend them all! For more information or to RSVP contact Volunteer and Outreach Coordinator Amy Lodholz at amy@jcwc.org or call 503-652-7477. Pre-registration is required for most events to ensure we have supplies for everyone.

Give Today and Double Your Investment in Johnson Creek

These are exciting times at the Johnson Creek Watershed Council. In August, we begin constructing our long-awaited salmon habitat enhancements at the Johnson Creek-Willamette River confluence, a project more than three years in the making. We continue to recruit new landowners for CreekCare, our program restoring native streamside forest buffers to protect water quality along upper Johnson Creek, Sunshine, and Badger Creeks. All summer throughout Johnson Creek, dozens of Council volunteers are sampling for native freshwater mussels, advancing our understanding of these fascinating but poorly-understood creatures. And we just secured a grant to support engineered design of salmon habitat features in Johnson Creek at the site of the future Johnson Creek/Tacoma Street light rail station.

We are able to advance our work on so many fronts because of generous support from people like you, people who recognize and value Johnson Creek for the unique community asset it is. And for a limited time, **you can double your impact when you make a tax deductible contribution to JCWC.** Between now and September 30, 2011, **all contributions to Johnson Creek Watershed Council will be matched dollar for dollar up to \$15,000.**

Help us continue our important work ensuring that people, fish, and wildlife can thrive together in Johnson Creek Watershed now and for generations to come. Please give today.



Confluence Project Update

Pastel by Gary Michael

For most of this summer, the mouth of Johnson Creek has been flooded by the Columbia and Willamette Rivers. Once our restoration area dries out, we'll install engineered log jams to provide cover and shelter for salmon and build a riffle over an active sewer pipe to prevent erosion. Already, 150 logs were floated over from the Milwaukie Riverfront Park boat ramp and are staged for construction.

Once construction is underway, we'll post photos and videos on our website (www.jcwc.org), or you can see it yourself from the sidewalk along SE 17th Avenue near McLoughlin Blvd.

Wahkeena Woods' Partnership with JCWC

by Jon Biemer and Willow Sage Dixon, Johnson Creek watershed residents

We have named our place Wahkeena Woods, "Wahkeena" meaning "most beautiful" in a local Indian dialect. Our home overlooks a steep hillside of forest leading down to Johnson Creek. When we bought the property in 2006 there was a quarter acre of lawn between the street and the house, and the ground in the woods was overrun with invasive English ivy and Himalayan blackberry. The house itself needed extensive repair as well. These challenges provided opportunities to explore living more sustainably.

In the spring of 2007 our property was a site in City Repair's Village Building Convergence (VBC7) event. Our VBC7 project focused on sustainable and organic gardening. We hosted workshops and sheet-composted the entire lawn to create a no-till Food Forest garden with fruit trees, berries, herbs, vegetables, and edible flowers. Then we gave the lawnmower away.

Starting in 2008, the Johnson Creek Watershed Council sponsored three English "ivy pulls" with different groups of volunteers. In the spring of 2010, the Council and



Jon Biemer and Willow Sage Dixon

another set of volunteers planted snowberry, thimbleberry, Indian plum, elderberry, spirea and cascara bushes as well as small ash and alder trees. Although we try to avoid pesticides and herbicides, we also allowed Council staff to inject herbicide into the fiercely robust Japanese knotweed along the stream bed, one plant at a time. It is virtually impossible to eradicate this plant by hand-pulling

because pieces that break off can wash downstream and take root.

We are truly thankful for this help.

The snowberry, three small ash trees and an alder have survived well into their second year. We have had some success with the spirea, cascara, elderberry and thimbleberry. There apparently is not enough light for the other alder plantings. It is not clear why the currant and the Indian plum did not survive. English Ivy and blackberries have re-encroached upon some planting sites, and a few reintroduced natives may have been trampled by the occasional human. Oops! Herb Robert and nipplewort, less-tenacious invasive species, now inhabit some of the sunnier areas where the ivy was pulled.

Mixed results are to be expected. Working with nature is more of a process than a project. We cleared around the remaining plantings in the area being restored, and we are growing sorrel and thimbleberry in our garden for future plantings near the creek. It takes decades, adjustments and lots of participation to restore a watershed. We are honored to be part of that effort.



Portland General Electric

Portland General Electric
is pleased to have
supported the
Johnson Creek
Watershed Council
2011 Annual Meeting

Draining of Pond Sends Turbidity Plume down Johnson Creek

By Matt Clark, JCWC Executive Director

On the afternoon of June 7, 2011, JCWC staff received a number of calls from concerned citizens that Johnson Creek had turned cloudy and brown. A quick look outside our office in Milwaukie confirmed the reports; Johnson Creek was, indeed, visibly turbid. By evening, Multnomah County staff had discovered the source of turbidity—a farm pond near Boring being pumped down and discharged to upper Johnson Creek. The pond was being pumped down to fix a leak in its lining. After meeting with County staff, the farm operator immediately shut off the pump. The following day, staff from the Oregon Department of Agriculture met with the farm operator, and issued a warning, explaining that discharging pond water into Johnson Creek is not allowed if it causes pollution, including turbidity.

The United States Geological Survey (USGS) monitors two sites for turbidity in Johnson Creek Watershed. They ordinarily monitor from October through early May, but had left their turbidimeters in later this year due to high stream flows from the wet spring. On June 7, 2011, during the period of pond discharge to Johnson Creek, the turbidity readings in mainstem Johnson Creek at Regner Road exceeded the USGS turbidimeter's maximum sensor reading of 1000 FNU's (Formazin Nephelometric Units). The highest turbidity reading previously recorded from 2006 – 2010 was 664 FNU's. Between June 6 and June 8, the USGS turbidimeter on Johnson Creek at Milwaukie also registered a spike in turbidity from about 150 FNU's to 500 FNU's. Rain on June 6 likely contributed to the spike in turbidity at both Regner Road and Milwaukie. Regardless, the pond discharge was a significant water quality issue, contributing sediment-laden water to Johnson Creek.

The point of this is not to cast blame, but to educate people, urban and rural alike, that our individual actions can have far-rang-

ing impacts on stream health. In this case, the spike in turbidity was registered more than twenty miles downstream from its source.

Turbidity negatively affects salmon and other stream dwellers in a number of ways. It

appears to interfere with salmon's feeding behavior as well as their ability to avoid predators. Turbid water often contributes substantial quantities of sediments to streams, which reduces juvenile and adult salmon habitat by filling in pools. It also fills the interstitial space of bottom gravels, smothering salmon eggs, preventing salmon fry from emerging, and reducing populations of aquatic insects that serve as food sources for salmon.

Turbidity is often linked to other types of pollution. For example, in addition to causing turbidity, the sediment in urban stormwater frequently carries pollutants such as heavy metals and cancer-causing combustion

by-products, known as Polycyclic Aromatic Hydrocarbons (PAH's). Turbidity associated with agricultural runoff is caused by sediment that may have pesticide residue bound to it, for example, DDT and dieldrin, which are legacy pesticides still present, though diminishing, in Johnson Creek. Other currently used pesticides may be attached to this sediment as well.

Heavy metals, PAHs and pesticides can cause developmental effects in fish embryos and lead to high rates of mortality. Coho adults are susceptible to "pre-spawn mortality"—seizures and death of adult females that have formed but haven't yet deposited their eggs. Toxic chemicals also impact fish behavior such as predator avoidance, homing, and competition.

Human health risks associated with sediment pollution include eating contaminated fish tissue (fish with bioaccumulated toxins like mercury) and ingesting contaminated water during recreational activities, which can cause gastro-intestinal illness from pathogens bound to soil particles.

Turbidity
is the cloudiness of a fluid caused by individual particles (suspended solids like soil particles) generally invisible to the naked eye.

Turbidity is an important measure of water quality.

Storm water run-off, particularly in areas where human activities such as construction cause soil disturbance, can contribute high sediment levels to streams, causing turbidity.

Gresham Residents Applaud Rain Garden Grant

By Becky and Felix Sanchez

I am a native Oregonian and am always interested in sustainable solutions for my household. I began researching rain gardens and knew I wanted to put one in. I just didn't know how to do it. Shortly after moving to Gresham I received a mailer about a workshop provided by the City of Gresham. The information detailed the step-by-step process of building a rain garden as well as information about native plants and pesticide-free gardening. The city had a grant program that would reimburse recipients up to \$200 of the cost of building a rain garden, including plants, rocks, and plumbing materials.

Jamie Stamberger from the City of Gresham's Healthy Streams Program met me to discuss areas where a rain garden might work. She was extremely helpful, answered all my questions and gave us the go-ahead to begin creating our garden. Her energy and passion were truly motivating.

We immediately began working on our rain garden despite the fact that it was the end of winter and still quite rainy. This resulted in some fun, tromping around in the mud as my husband and I dug out the garden. We decided to build a double rain garden with the second basin acting as an initial overflow area. Jamie came to measure the overflow in the basins and recommended some changes.

We were so excited once we had all the plants situated because it was functional and looked beautiful. Our neighbors probably thought we were crazy because every time it rained my husband and I rushed out to watch the rain garden in action!

There are many benefits of creating a rain garden including alleviating the effects of storm water runoff on our streams, improving an area of our yard that was in need of an overhaul and a discount on our water bill because we disconnected our downspout.

The grant process was quick and easy. After we completed the rain garden, Jamie came to our house to do a final inspection. We turned in the rain garden grant application and a few weeks later received a check from the City of Gresham that covered all the expenses. It was an awesome experience and I am extremely thankful that the City of Gresham provided us with this opportunity!



Johnson Creek Watershed Council thanks
PCC Structural
for their continued support and for
sponsoring the 2011 Annual Meeting

PCC *Structurals, Inc.*



Keynote speaker, artist Buster Simpson, discussed the intersection between public art, ecological function and environmental activism.

JCWC Celebrates Sixth Annual Meeting with Art and Song

On May 26th, 150 partners and supporters convened in Kaul Auditorium at Reed College for the Johnson Creek Watershed Council's Sixth Annual Meeting Luncheon. Before the formal program began, guests enjoyed mingling in the lobby where they viewed research poster boards produced by JCWC's Youth Engaged students and pieces of Johnson Creek-inspired art produced by community members during the September 2010 Johnson Creek Paint Outs. As a delicious lunch of chicken with arugula pesto and chocolate jasmine tart was served, Board Chair Jason Howard delivered his welcoming remarks, then Executive Director, Matt Clark delivered the 2010 Annual Report, highlighting the Council's rapidly-growing volunteer program, its innovative new activities to connect the community to Johnson Creek, and its shifting model of streamside restoration which encourages landowners to be more proactive in caring for the creek. At the end of his remarks, Matt introduced Seattle artist, Buster Simpson whose visually-compelling keynote address featured slides of his artwork, which explores the intersection between public art, ecological function, and environmental activism. Following Buster's keynote, JCWC Board Member, Torrey Lindbo presented the Council's Riffle Awards. Matt then returned to the stage to sing a rousing rendition of Rodgers and Hammerstein's "Maria" from *The Sound of Music*, re-written to honor Board Chair Emeritus, Teresa Huntsinger, who retired after reaching her eight year term limit on the JCWC board.

To view a copy of the 2010 Annual Report, please visit our website at www.jcwc.org or call us at 503-652-7477, and we will send you a copy.

2010 Riffle Award Winners Honored at Annual Meeting

The Riffle Awards are given annually to individuals and groups whose actions in the Johnson Creek watershed best support or exemplify the mission of the Johnson Creek Watershed Council: To inspire and facilitate community investment in the Johnson Creek Watershed for the protection and enhancement of its natural resources.

Community: For well over a decade, **Reed College** has worked to restore Upper Crystal Springs Creek and Reed Canyon. For the last several years, Steelhead trout have been sighted (and captured on camera) using the fish ladder just downstream of Reed Lake. In 2010, Reed College implemented an ambitious habitat restoration project on Crystal Springs downstream of Reed Canyon. The project included remeandering Crystal Springs, installing large woody debris, and installing bioswales to capture and treat stormwater from 28th Avenue.

Business: **Milwaukie Bowl** has hosted two bowling fundraisers for JCWC's benefit, helping the Council raise over \$600 in 2010 and \$800 in 2011.

Youth/School: **Marshall High School** began working with the Council last spring, doing monitoring at several sites in the watershed; they presented their work at last year's Annual Meeting. This year, they have expanded their monitoring efforts to include freshwater mussel surveys at several locations.

Public Entity: In 2010, **Clackamas County Water Environment Services** installed sewer lines in a portion of unincorporated Clackamas County near Johnson Creek, which will improve water quality in the creek. Recently, Clackamas WES and JCWC staff and volunteers collaborated on native revegetation along the creek at Mill Park as part of mitigation for impacts from sewer installation in the area.

Individual-Ernie Francisco Award: **Nicole Alexander** was a cheerful presence on the first annual Johnson Creek Days event committee in 2010. Nicole helped develop the concept of Discovery Saturdays, a hands-on activity program for families. This year she is chairing the Johnson Creek Days committee. As a leading member of the Council's volunteer Outreach Task Force, Nicole has represented JCWC at numerous outreach events. She served over 40 hours with the Council in 2010 and continues to devote hours to events and outreach in 2011.



Nicole Alexander was named the winner of the Ernie Francisco Award for Individuals.



Gari Johnson accepted the Public Entity award for Clackamas County Water Environment Services.



The Community Award was accepted by Towny Angell, Zac Perry and Ed McFarlane on behalf of Reed College.

CreekCare Program Free for Clackamas County Residents

The CreekCare program was developed to assist landowners in Clackamas County living along Johnson Creek and its tributaries improve the condition, effectiveness, and function of their adjacent floodplain. Clackamas County Soil and Water Conservation District (CCSWCD) and the Johnson Creek Watershed Council combine efforts to conduct outreach, site assessments, weed control and eradication, native plantings and follow-up maintenance.

The program is entirely free to qualifying landowners. The only requirement is for the landowner to sign a non-binding agreement giving permission for field crews and project managers to access the property for project implementation. To date six landowners have signed up for the program.

For more information, contact noah@jcw.org or call the JCWC office at 503-652-7477.

Foster Green EcoDistrict to Enhance Area

By Jalene Littlejohn, Lents resident and founding member of Green Lents

The Portland Sustainability Institute's EcoDistricts Initiative is a strategy to launch EcoDistricts throughout the region. In 2009, the Foster area was selected as an EcoDistrict pilot because of the extensive planning and study already completed within the Lents Town Center Urban Renewal Area. The general area of the Foster Green EcoDistrict (as the Foster area EcoDistrict is being called) is between SE 52nd and 122nd Avenues along Foster Road. Absolute EcoDistrict boundaries have not been established yet. They will be determined, at least in part, by project opportunities in the area.

Why EcoDistricts? To bring investments to the Foster area that enhance the environment and improve quality of life. EcoDistricts offer a framework to work with Foster area residents to identify community needs and priorities (e.g. economic vitality, safety, park access, and improved transportation), and to connect with environmentally-based assets and investments to address these needs. The process will include community engagement, a sustainability assessment, and ultimately, project implementation and long-term monitoring.

In November 2010, the Bullitt Foundation funded the current community engagement process. With Bullitt funds, Jalene Littlejohn, a founding member of Green Lents and Tony DeFalco, a consultant in equity and sustainability were hired to lead the effort. Jalene and Tony will work with the Foster area community to develop a vision for the EcoDistrict and to create a governance structure to maintain the EcoDistrict over time. A growing steering committee is meeting regularly and gathering community input at house parties and business networking parties, and through interviews, online and personal outreach, and community listening sessions. The Foster Green EcoDistrict is also conducting door-to-door outreach in partnership with the Northwest Institute for Community Enrichment's (NICE) summer intern program.

For more information, check out the Foster Green website (www.fostergreenecodistrict.org) or contact Jalene Littlejohn (Jalene31@gmail.com) or Tony DeFalco (tonydefalco@yahoo.com).

Making a Lasting Difference Champion For Johnson Creek Retires

By Amy Lodholz, JCWC Volunteer and Outreach Coordinator

Karl Lee has worked for the United States Geological Survey (USGS) for 31 years. His technical expertise and long term commitment to research have produced years of data and hydrological analysis. These data have helped create environmental policy and action throughout his long career.

Prior to his work on Johnson Creek, Karl worked on the Toutle River following the Mount St. Helens eruption, and also on projects within the Willamette River and the Klamath River basins. These were the training grounds for his final long-term research project: Johnson Creek. This urban stream has been his focus for the last 12 years. His commitment to Johnson Creek and collaboration with policy makers and scientists has been a foundation for significant ongoing improvements to the creek, including flood mitigation, floodplain reconnection, and fish and wildlife habitat restoration projects.

Johnson Creek is one of the last free-flowing streams in the Portland area, and despite water quality problems such as high temperatures, bacteria, DDT, dieldrin and other toxins, it still supports Coho and Chinook salmon, Steelhead trout, native amphibians, beavers, otters, and other wildlife.

Karl's research on Johnson Creek groundwater included data collection and analysis on stream flow, turbidity, temperature, and surface water. He coupled this data with USGS stream gauging data in Johnson Creek dating from 1941. Understanding groundwater movement is essential to understanding Johnson Creek's hydrology, and it is Karl who has advanced that understanding. His research provided a foundation for making decisions about where to target stream restoration and flood mitigation efforts.

In the mid-2000s, the cities of Portland, Gresham, and Milwaukie, and Clackamas and Multnomah Counties asked Karl to expand his research to focus on the entire Johnson Creek Watershed. In addition, Karl participated in a technical working group, the Johnson Creek Inter-jurisdictional Committee (IJC), focusing on collaborative environmental monitoring, hydrology, water quality, and ecology.

Karl's research was critical in guiding Johnson Creek restoration efforts, including several multi-million dollar flood mitigation and habitat improvement projects in the Johnson Creek floodplain. Based on these efforts, the health of Johnson Creek continues



Karl Lee has made lasting contributions to the creek and watershed.

to improve. In December 2010, spawning Coho salmon were sighted in upper Johnson Creek for the first time in over 20 years. In a sense, Karl's work has helped set the stage for the return of these threatened salmon to the most densely populated watershed in Oregon. Thanks to his accurate, committed and thoughtful research, Karl Lee has made lasting contributions to the Johnson Creek Watershed and the larger river conservation movement.

JCWC UPDATES...

REI Supports Volunteer Efforts

Thanks to the generosity of REI, the first 40 JCWC volunteers who earn 25 hours or more in 2011 will receive a JCWC embroidered vest. Volunteers can also earn these vests by attending at least six JCWC volunteer events within this time period. Volunteers who have earned the vests thus far include Nicole Alexander, Gayle Hoybook, Dacia Stockton, Phoebe Johnson, Dick Vetter, Jessica Beutler, Kevin Douglas Hay, Paul Ciri, and Nancy Robrecht. Many other volunteers are very close – thanks so much for all your dedicated service to JCWC!



First DePave Project Underway in Watershed

Johnson Creek Watershed Council joined DePave and the neighborhood group, Our Happy Block, to help with the first asphalt removal project in Johnson Creek watershed at Calvary Lutheran Church (8040 SE Woodstock Blvd.). DePave promotes the removal of unnecessary pavement from urban areas to create community green spaces and mitigate stormwater runoff. On June 18th, over 40 volunteers removed 4,300 square feet of asphalt. The asphalt was loaded into dumpsters and taken to Metro for recycling.

Calvary Lutheran Church still maintains 35 parking spaces in the lot after the project's completion, with the addition of one bioswale, three rain gardens, and one native learning garden. View the site plan at www.ourhappyblock.blogspot.com. Before the re-design 374,000 gallons (per year) of stormwater was shed from this lot, and unfiltered water flowed directly into Johnson Creek. After volunteers install plants into the bioswales this fall, the project will be complete.

Johnson Creek Watershed Council was thrilled to participate and support this project. We hope to see many more DePave projects in the future!



Funds Secured for Fish Habitat Design Near Light Rail Stop

The East Multnomah Soil and Water Conservation District recently awarded a Partners in Conservation grant to JCWC, which will fully support engineered design of salmon habitat features in Johnson Creek at the site of the future Johnson Creek/Tacoma Street Station, a stop on the Portland – Milwaukie Light Rail line, scheduled to open in 2015. By the end of July 2011, JCWC anticipates hiring a stream restoration engineering firm to develop construction-ready designs of aquatic habitat elements such as log jams and excavated off-channel habitat, which will add much-needed channel complexity in this reach of Johnson Creek just upstream from McLoughlin Blvd. Construction of the habitat features would likely begin in 2013. JCWC will begin raising funds for construction as soon as we have a 60% design (by October 2011).

JCWC staff also recently met with project partner, TriMet to discuss moving forward on the design of a boardwalk and interpretive viewing platform at the station. The boardwalk would lead from the light rail station platform to a vista point overlooking the creek. Our intent is to use Johnson Creek to create a sense of place at this site. Hundreds of people will use this station every day. There's a perfect opportunity while waiting for the light rail to walk over and enjoy the creek, learn about the habitat restoration, and maybe even see a Coho salmon.

Call for Event Planners

Starting in January, 2011, a group of dedicated volunteers gathered together to form JCWC's first event planning committee. The group has met each month to plan this year's series of free community events in September called Johnson Creek Days. Serving on this committee is a serious commitment, but also a great new way to contribute to the work of JCWC. A new event committee will be formed after September and will embark on planning Johnson Creek Days 2012. If you'd like information on how you can contribute to these events this year or next, contact Amy at amy@jwcw.org

International Interns Learn Nonprofit Basics

Johnson Creek Watershed Council is pleased to welcome Interns Sheyla Rosales from Nicaragua and Carolina Flores from El Salvador. These students are part of Mt. Hood Community College's SEED program, an international development scholarship program. The goal of SEED reaches beyond preparing socio-economically disadvantaged young people with academic, technical, and professional skills to enter the job market. It also prepares students to be competent, committed leaders who return to their home countries to aid in the development of their communities by sharing the benefits of their training with others. Sheyla and Carolina are studying Natural Resources for two years at MHCC. They will graduate and return to their home countries in June 2012.

Sheyla and Carolina are learning about the day-to-day operations of a small, environmental nonprofit, updating and building our database, helping with volunteer recruitment for mussel surveys, doing outreach for Johnson Creek Days, and other various administrative tasks.

Sheyla found one of the two Western Pearlshell mussels at our Gresham Woods sampling event on July 16th.

Fishing Illegal in Johnson Creek Watershed



We are absolutely thrilled with the recent positive press about spawning Coho salmon and Steelhead trout in Johnson Creek as indication of the improving health of the Johnson Creek Watershed. Unfortunately, this positive attention is having unintended consequences. We have heard several reports of the recent harvest of salmon and steelhead from Johnson Creek, which constitutes poaching and is illegal.

The Oregon Department of Fish and Wildlife regulations prohibit fishing for salmon and steelhead year-round on Johnson Creek and its tributaries. If you see anyone fishing for salmon or steelhead in the Johnson Creek Watershed, please notify Todd Alsbury at the Oregon Department of Fish and Wildlife. His number is 971-673-6011.

We are hopeful that some day, with continued recovery, salmon and steelhead fishing will be allowed again in Johnson Creek Watershed, but it is currently illegal, and jeopardizes the fragile gains we are making.

Calendar of Events

For more details, please visit our website: www.jcwc.org or call 503-652-7477

Please contact Amy to participate in Johnson Creek Days (JCD) Events: amy@jcwc.org



August

Saturday 6: Freshwater Mussel Survey at Ambleside, Gresham, 10am-1:30pm (JCD Event)

Tuesday 23: Fundraising Event, Dig A Pony, 736 SE Grand Ave., Portland, 6pm-10pm

Saturday 27: Johnson Creek Clean Up and BBQ, Mill Park, Milwaukie, 9am-2pm (JCD Event)

September

Saturday 3: Paint Out, Tideman Johnson Park, 10am-12pm

Saturday 10: Paint Out, Powell Butte, 10am-12pm

Saturday 10: Two Wheel Rain Garden Tour, Main City Park, Gresham, 9am-12pm (JCD Event)

Saturday 10: Children's Discovery Carnival, Sellwood Park, 1pm-4pm (JCD Event)

Monday 12: Group Fun Run, Pace Setter Athletic, 4203 SE Woodstock Blvd., 6pm (JCD Event)

Wednesday 14: Donor Appreciation Night, Milwaukie, 6-9pm

Saturday 17: Paint Out, Brookside Wetland, 10am-12pm

Sunday 18: Bicycle Poker Ride. JCWC Office, 9am-1pm

Monday 19: Group Fun Run, Pace Setter Athletic, 4203 SE Woodstock Blvd., 6pm (JCD Event)

Saturday 24: Freshwater Mussel Survey, Bundy Reservoir, 10am-1:30pm (JCD Event)

Monday 26: Group Fun Run, Pace Setter Athletic, 4203 SE Woodstock Blvd., 6pm (JCD Event)

October

Saturday 1-31: Johnson Creek Art Show, Spring Creek Coffee House, 10600 SE McLoughlin, Milwaukie

Friday 7: Confluence Project Ribbon Cutting Ceremony, Milwaukie Riverfront Park, 5pm (JCD Event)

Friday 7: Johnson Creek Art Show Reception, Spring Creek Coffee House, Milwaukie, 4-8pm



2010 Group Run

Eric Grismold



2010 Paint Out

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