



Our website is new!

We've converted our old website! Our new system allows us to share current news much more easily. We are excited to provide even more information about what we do for people and natural resources.

We've already seen an increase in site visitors, and feedback so far has been very positive. We would value your feedback. Please take a moment to visit and tell us what you think: <http://conservationdistrict.org>

Sunny weather highlights resource concerns

Soil, water, habitat – these things are with us all year, but when gloomy winter weather begins to give way to spring sunshine, our phones start ringing! That's exactly what has been happening over the past few weeks as sunny weather encouraged people to get outdoors.

Our conservationists have also been making more site visits as we prepare to move our projects into the summer constructions season, while continuing to be responsive to the needs of our customers throughout Clackamas County.

We have three service goals for 2012:

- Hear our customers
- Deliver amazing service
- Get the most important work done

You can help us achieve those goals by providing feedback. If you've recently interacted with one of our employees, please take a short five-question survey: <http://svy.mk/ClackSWCD>

Projects section

This month we open the detailed part of our monthly report with a section about our current projects. These projects address several conservation needs, so it makes sense to present them on their own.

Budgeting

We are diving into our annual budgeting process. Our goal is to craft a budget that is easier to understand. For simplicity and clarity, we are dividing our budget into four big areas: district operations, conservation services, conservation funding, and our reserve fund. We always appreciate your questions and feedback, so please feel free to contact us!

Coming up...

March 11-17: *National Groundwater Awareness Week*

March 13-18: *American Water Works Association Sustainable Water Management Conference, Portland*

March 17: *Rainwater Harvesting for Beginners workshop, Oregon City Home Depot*

March 20: *Regular meeting of Board of Directors*

March 21: *Getting Wise to Weeds workshop*

March 21: *Sandy LAC meeting*

March 24: *Tree School, Clackamas Community College*

March 28: *Getting Wise to Weeds workshop*

April 4: *Sandy Garden Club WeedWise presentation*

April 6 & 13: *Agricultural Compost Resources & Education Series (ACRES) at NWREC*

April 7: *Sandy River Expo*

April 10: *WeedWise training for county staff*

April 14: *Rain Garden Design*

Projects

Here you'll find highlights of some of our larger initiatives. Typically, these address multiple conservation needs, making them more complex to plan and implement.

3D Water Quality Project

Overview: Our "3D" project is funded through a grant from the Oregon Department of Agriculture. Two years of water quality sampling in Deep, Doane, and Dolan creeks revealed some specific water quality problems, mainly involving nutrients, bacteria, and pesticides. Next, we are reaching out to streamside landowners to establish filtering buffers to keep soil out of these streams. We are actively partnering with the Clackamas River Basin Council. Their Shade Our Streams program meshes well with our project. Cleaner, cooler water and better habitat conditions are our goals.

Staff conducted monthly water quality sampling in and around Doane, Dolan and North Fork Deep creeks. We are meeting with CRBC to develop outreach strategies to encourage landowners along Doane, Dolan and North Fork Deep creeks to participate in riparian plantings. Activities will include a newsletter with water quality sampling results, a presentation to the Boring Community Planning Organization and possibly an event at a local grange this spring.

Some additional sampling is needed on North Fork Deep Creek to isolate the source of water quality impairment. Our new water quality meter will help us get close to the source of the impairment.

Milk Creek Instream and Riparian Habitat Enhancement Project

Overview: Eroding streambanks, a scoured channel, and lack of habitat for fish are the focal points for our Milk Creek project. Funding is being provided by a variety of partners. This is a complex project because it involves working in the stream bed, reshaping a streambank, and restoring appropriate native vegetation. Cleaner water and better habitat conditions are the primary benefits planned for this work.

We made a lot of progress on the Milk Creek Instream and Riparian Habitat Enhancement project this month. A cultural resources survey on the three private parcels revealed several artifacts where we will be moving soil. The project site is considered an archaeological "isolate" so the project is not affected by the few artifacts found.

Next comes permitting. We began seeking permits this month. Federal, state and county permits will be needed in order to begin the bank shaping and log placement work.

We began acquiring restoration materials this month. We will need root wads, large wood pieces, and boulders. Staff inventoried boulders at the project site for reuse as ballast for large root wads that will be buried in the bank. We're hoping partners and interested parties will want to donate some materials, so we are contacting potential donors.

Finally, we had an excellent tour with our Board of Directors to explain the project and how it will protect the streambank and improve fish habitat. District directors and staff were impressed by the project.

Prairie View Soil and Water Conservation Project

Overview: Put a golf course, commercial nurseries, industrial land uses, and a housing development shoulder-to-shoulder, and that describes the setting for our Prairie View project. Picture a small watershed as if it was a bathtub, and rain falling into the bathtub all heads for the drain...which passes through the backyards of many residential homeowners. This is a

Board tour



complex situation with a wide range of landowner needs and desires. We are working with a professional facilitator to meet with affected groups of landowners, while simultaneously assisting individual landowners. Cleaner water, saving some of the best soil in Clackamas County, and a balanced approach to water use and handling that is accepted by the affected community are our goals for this work.

We met with an engineer with the USDA Natural Resources Conservation Service at one nursery to discuss options for improving irrigation efficiency and reducing erosion.

We also met with the superintendent of the golf course to better understand how excess runoff is collected, used, and moved on the property. The golf course takes extraordinary measures to move water away from the adjoining nursery property, using an extensive drainage and irrigation system to redirect excess water.

January 19 storm



Water ~ Weeds ~ Wildlife

WATER QUALITY and QUANTITY = Protecting and restoring the quality of surface and ground water, and assuring future supplies of water for people, plants, and animals. *District programs include water quality monitoring and many conservation practices. Rain gardens and bioswales help clean water before it infiltrates into ground water. Rainwater harvesting and irrigation system improvements are good examples of water quantity practices.*

Technical assistance to landowners and land managers

Urban stormwater

- **Road runoff.** Staff met with a residential property owner in the unincorporated Oak Lodge area who is experiencing on-site flooding during moderate rain events. Due to a lack of curbs and gutters in that area, most of the runoff is coming from the street. Extremely poor soils and a large paved driveway next door are also contributing factors. The property owners may be interested in exploring porous pavement and bioswales.

Horse stables

- **Manure.** Site visit to a horse stable in Estacada to discuss conservation strategies to protect water quality.
- **More manure.** Staff visited a horse boarding facility looking to improve manure storage and improve grazing management for up to 55 horses. Met with water quality folks from City of Lake Oswego to talk about options for improving the manure storage capabilities at the site.

On-farm

- **Irrigation dam.** Staff visited a farm where the owners are concerned about a stream that is downcutting below an irrigation dam. An intensive riparian planting project may be indicated to protect streamside soil and provide shade to this tributary of the Tualatin River.
- **Mud and manure.** Site visit with a landowner wanting to treat mud and manure issues around their barn. Watering locations and overflow outlets for a proposed heavy use area were discussed.
- **Soil samples.** Site visit to collect soil samples on a 15-acre hay/pasture property near Estacada. When we get the lab results, we will follow-up with fertilizer recommendations to encourage grass growth and reduce weed encroachment.
- **Conversion to pasture.** Site visit to a landowner who is converting to Christmas trees to pasture. We discussed cross fencing to enhance pasture production. Stock water distribution was also discussed as a way to help increase management choices.

- **Nursery irrigation.** Site visit to a small nursery that needs assistance in converting an antiquated overhead irrigation system to a drip system with a smart irrigation controller for maximum conservation of water. This system will reduce the amount of tailwater generated from the nursery and also reduce the level of nutrients that may enter groundwater and surface water.

WEEDS = Detecting, controlling, and eradicating invasive plants. *Invaders affect wildlife and crop production. In some cases they pose health risks to people and animals.*

District funds eradication of invaders

The Milwaukie Presbyterian Church is making a final push to eradicate invasive clematis, English ivy, and Himalayan blackberry on their four-acre property. We are providing technical assistance and a “Dollars on the Ground” (DOG) cost-share award of up to \$9,000. We will also assist with restoring native plants to treated areas. This work is an outgrowth a small cost-share award from the District made a few years ago. Thanks to the work of church and community volunteers, contracted crews, and several grantors (including Metro and TriMet), they are near the end of this project!

Eradication crew



NPDES permit for pesticide application

Staff Leininger briefed District planning staff on our requirements to comply with the National Pollution Discharge Elimination System (NPDES) permit for applying pesticides in and near surface water. There is some debate about whether we must register for this permit, but the District chose to register in January 2012. One result of this is better plans for dealing with accidents. We will also be better able to avoid drinking water intakes.

As we continue to develop the Best Management Practice (BMP) documents required for the NPDES permit, we’ll build additional capacity to apply pesticides safely and effectively when indicated.

Technical assistance to landowners and land managers

Our WeedWise program was busy through February, and as the weather warms, we expect a seasonal surge in activity. For example, Spurge Laurel and Garlic Mustard will become visible soon, so we are preparing a mass mailing about control measures for these invaders.

- **Knotweed.** Sent a rapid response information packet to a landowner in Boring concerned about Japanese knotweed. Also provided information to a local landowner dealing with a knotweed infestation on property they lease.
- **Blackberry.** Provided information to a local landowner for control of Scotch broom, Armenian blackberry, and Canada thistle. Also made a site visit in Oregon City where the landowner has several acres of Scotch broom and blackberry on old pasture land. The landowner is interested in removing these invasive plants.
- **Lesser celandine.** Responded to the City of Wilsonville regarding weed control and outreach strategies when working with local landowners. They are dealing with a large infestation of Lesser Celandine in one of their parks and are initiating contact with an affected adjacent landowner.
- **Garden ornamental.** Identified an escaped garden ornamental for a local landowner.
- **Neighborhood Association.** Participated in a site visit near Rienerson pond and Meldrum Bar Park to assist a neighborhood association with developing a plan for invasive plant removal and restoration of the site.

Preparing mail



- **Hotline.** Carried out an assessment based on a report submitted to the Oregon Invasive Hotline and responded to the affected landowner regarding control recommendations.
- **Pond.** Followed up with a local landowner dealing with nutrient management issues in a small rural pond near Canby. The District is working with the landowner to address nutrients in the pond that have led to excessive aquatic vegetation growth. We believe we'll be able to reduce the nutrients in the pond and thus suppress the growth of aquatic vegetation, but the longer term issue is reducing the inflow of nutrients to the pond.

District seeks modifications in English Ivy controls

Staff reviewed Best Management Practices for controlling English Ivy and contacted editors at the Pacific Northwest Weed Management Handbook to recommend edits that fall in line with herbicide labels.

Staff contacted OSU Weed Science staff to discuss a "special local need" label registration for glyphosate application rates that are consistent with Best Management Practices for controlling English ivy.

3rd Annual Pull Together Event

The District worked with Cooperative Weed Management Area partners to prepare and deliver the third annual "Pull Together" event. Staff also received pesticide recertification credits for attending a Pull Together weed workshop.

Reaching and teaching people about invasive species

We often talk about getting more boots on the ground. This is a shorthand way of saying we are always seeking ways to provide more service at customer locations. When it comes to weed detection, the District would like more eyes watching for invasive weeds. To accomplish this, we provide training on weed detection. Currently, we are developing a spring training class on our Clackamas Early Detection and Reporting System (CEDARS) for Clackamas Vector Control and Water and Environment Services this spring. Employees of these agencies are often in the field throughout Clackamas County, so developing their ability to identify invaders helps us stop invaders before they spread.

We also developed and delivered a presentation on priority invasive plants to the Hardy Plant Society Oregon City Study Group. The presentation was well received by the 30 attendees. Staff scheduled an early detection training for a homeowners association near Oregon City.



WILDLIFE = Developing habitat conditions to enhance the life cycle of wild creatures. *CREP and riparian restoration activities are focused on habitat but offer additional benefits.*

Technical assistance to landowners and land managers

- **A giant worm?** Site visit to a Gladstone homeowner who was introduced to the District through our Early Detection Rapid Response invasive species program. The homeowner noticed that something was dragging dead leaves into holes in the landscape and in gravel paths. Our wildlife specialist determined that a large worm may be the culprit. Further research confirmed the presence of the Oregon giant earthworm in this area, occupying habitat similar to the homeowner's property. With the permission of the landowner, we asked the Xerces Society to investigate the possibility of this extremely rare find.

- **Removing a fish passage barrier.** Site visit with Oregon Department of Fish and Wildlife staff to a property on Corral Creek (tributary to the Willamette River) in Wilsonville. An old concrete dam is a seasonal fish passage barrier that the owners are interested in removing. Removal of the dam would allow resident salmon and trout species to freely move through this system during low flow periods and would also allow sediment transport to occur. The sediment transport process is especially important for fish habitat. Weed control along the stream and possibly large wood placement would help improve habitat conditions. The upstream and downstream neighbors are also interested in participating if a project is planned.
- **Molalla River riparian project.** Site visit to Molalla River riparian restoration project to inspect tree and shrub planting on three acres. The implementation of this riparian forest buffer was done with a grant from the District.

Corral Creek dam



Molalla River riparian project



- **CREP inspection.** Site visit to a Conservation Reserve Enhancement Project on Butte Creek to assess damage from high water flows. Most of the young trees fared well, but quite a bit of sediment was deposited, so we'll need to check on the trees again. The high winter flows also scoured the creek bed in some places.

Wetland restoration guidance provided

We met with representatives from the Center for Research in Environmental Sciences & Technologies (CREST) about a large-scale forest wetland restoration project underway at the Trillium Primary School in West Linn. The school is currently under construction and is required to perform the work as part of a wetland mitigation agreement. CREST is operated by West Linn-Wilsonville school district. They asked for assistance from the District on finding funding for restoration and ideas on how to incorporate the restoration project into the school's curriculum.

Nesting boxes funded

The District awarded \$380 to Clackamas High School for materials to build wood duck boxes. These habitat boxes will be installed at North Clackamas Urban Watersheds Council riparian restoration project sites.

CREP damage



Our Other W's

WATERSHEDS = Working toward stronger, more resilient watershed conditions.

Sandy LAC meeting

On February 8 the Local Advisory Committee (LAC) for the Sandy Agricultural Water Quality Management Area met to conduct the biennial review of the plan and rules. We had a very good turnout of LAC members. Updates were given on activities by Clackamas SWCD, East Multnomah SWCD and DEQ. There were substantial changes to language in the plan. Changes included updates to text so it matched language in the legislative rule and ODA's plan to systematically focus on streams in the management area for outreach and implementation. A second meeting was scheduled for March 21 to complete review of the plan changes. Most changes have been met with support.

Clackamas LAC

The Clackamas Local Advisory Committee meeting/tour was held on February 25, 2012. The tour showed the LAC our water quality sampling sites and uses of land draining into the streams being sampled. The meeting continued at the District office with updates from the Oregon Department of Agriculture and Department of Environmental Quality on activities in the agricultural water quality area. A second meeting will be held on March 14, 2012.

Clackamas LAC meeting and tour



Clackamas Stewardship Partners

Staff attended a regular meeting of the Clackamas Stewardship Partners. Topics of discussion included updates on the Jazz and Grove thinning projects and updates on stewardship contracting projects.

WEATHER = Developing responses to our changing climate, and to floods and droughts.

Increasing the amount of weather data collected locally is a baseline strategy to help us deal with weather-induced changes.

Climate change and invasive species

Staff reviewed a paper regarding global climate change and its effects on human behavior in relation to the importation of new and potentially invasive weeds. We also evaluated climate change model predictions of invasive species distributions developed by the California Invasive Plant Council from data provided by the Conservation District and other regional partners and provided feedback to the developers regarding known and predicted distributions.

WILDLANDS = Working to improve and protect wildlands, including prairies and forests. *One way we address wildland issues is by working with the Clackamas Stewardship Partners. Encouraging fire breaks and fire-resistant native plants around buildings also helps protect wildlands.*

Fuels reduction and wildlife

We talked with Oregon Department of Forestry staff regarding their fuels reduction program, discussing ways the District could help identify areas with significant wildfire fuels that could be targeted by ODF's program.

Staff also attended the Clackamas County Community Wildfire Protection Plan open house. Good information was provided to homeowners about establishing defensible space around buildings. Interestingly, mature maple and alder forest are considered to present lower risk of wildfire than other forest types. Wildlife habitat protection was also discussed in relation to fire risk assessment.

WORKING LANDS = Providing service to help keep agricultural lands healthy and productive. *Our work with nurseries, Christmas tree farms, crop and food producers, and farmers markets all fit in this category.*

Greenhouse technology

Staff attended a greenhouse technology seminar presented by German scientist and energy engineer Franz Schreier who spoke on the newest advances in greenhouse technology. These advances address climate change goals as well as food production. While the total cost for this technology may be prohibitive, our small acreage and commercial agricultural community might benefit from installation of some parts of the overall system. Mr. Schreier discussed polymer covers (fluoropolymers), efficient solar panels that collect on one side and repel sun on the other side, sulfur plasma lighting, and proper positioning and construction of greenhouses.

Christmas tree farm runoff

Staff conducted field measurements with a USDA Natural Resources Conservation Service engineer to design an underground outlet to capture and safely release runoff. Currently that runoff flows overland from a County road through the Christmas tree field, eroding gullies in the field. Staff also made measurements to plan an access road for an Environmental Quality Incentives Program (EQIP) contract scheduled to be installed this summer on the same farm.

Gutters and downspouts on goat farm

Staff inspected the installation of gutters and downspouts on a goat farm near Molalla. Practices were properly installed and connected, so the District will proceed with cost-sharing on this work.

Universal soil loss equation

Staff reworked the Revised Universal Soil Loss Equation (RUSLE) program for an EQIP applicant to identify potential soil loss from irrigation methods and timing.

Soil nutrient testing program

Staff submitted a funding request for a soil nutrient test program on farm land in Clackamas County. This program is designed to allow farmers to refine fertilizer applications to prevent excess nutrients from entering surface streams and groundwater. The proposed program is being evaluated at this time.

WORKSHOPS, OUTREACH, EDUCATION = Reaching and teaching citizens, agencies, partners, and others.

Connecting producers

USDA Natural Resources Conservation Service staff and District staff worked closely to connect two nursery operators. One has soil erosion issues, and the other has implemented conservation practices to reduce water use and control the erosive effects of excess surface water. Farmer-to-farmer conversations can be very effective, and both operators seemed to benefit from their investment of time. Both expressed appreciation to us for arranging this visit.

Pasture management workshop

We held a Pasture Management Workshop for Dairies in Clackamas County. Eleven participants from local cow and goat dairies attended to hear Gene Pirelli (OSU Extension Livestock Forage Specialist) talk about pasture management and renovation. Comments from attendees included:

- "I sometimes feel like meetings are a waste of time, but this wasn't one of them. I came away with a lot."
- "I wanted to know about renovating my field and now I know what I'm going to do."
- "I took a day off from work (heating oil deliveries) and the dairy to come here. It was completely worthwhile."

River restoration training

One employee attended River Restoration Northwest's annual conference this week. Presentations covered the use of large wood for fish habitat enhancement, sediment transport, and restoration in urban streams. Valuable information and new contacts were gained which will help us as we move forward with this kind of work.

Tree School

Staff are busy preparing their sessions for Tree School. Our WeedWise program staff will be presenting. We'll also have presentations on rainwater harvesting, on wildlife habitat design and on restoration funding.

Career opportunities interview

A staff member was interviewed by a PSU/OSU student in Environmental Science about career opportunities. She was looking for suggestions for educational courses in natural resources that would help in on the ground implementation of conservation work. She was particularly interested in hydrology and fluvial geomorphology in addition to general ecological sciences in the western states.

Teacher training

An employee is working with the Clackamas Water Education Team and the Clackamas Sustainability Cooperative, two organizations that partner on water quality education, to create hands-on training for local school teachers this coming fall. The first event was held last year with enthusiastic reviews. We belong to the Clackamas Water Education Team, but have not been very active in the past as they have focused on elementary education age children.

Women farmers

The North Willamette Women Farmers Network held a beekeeping event at Zenger farm. Beekeeper Laura Dalton gave a tour of the hives and then gave a presentation on beginning bee keeping. We had twelve motivated women there to learn how to get started.

The Small Farm Conference in Corvallis was attended by a bus load of the North Willamette Women Farmers Network! The bus ride to the conference was provided by Clackamas County SWCD, East Multnomah SWCD and West Multnomah SWCD. The keynote speaker at the conference was a woman farmer, Kristin Kimball, author of *The Dirty Life: A Memoir of Farming, Food and Love*. The keynote speaker also discussed the "full-diet, year around, free choice" CSA (Community Supported Agriculture) model that she and her husband are operating in upstate New York.

Spring workshops

Work on the development of flyers for the upcoming spring workshops is underway. News releases for the events have also been written for release to the local newspapers and e-newsletters. Partner organizations will also assist in advertising our events. An article and information regarding our scheduled workshops, scholarship and presentations that groups may request will be included in the upcoming TrashTalk and Going Green publications.

Urban conservation workshop in Kellogg Creek

Plans have been developed for an urban conservation workshop targeted in the Kellogg Creek watershed. Several of our staff will give presentations to landowners who will then be offered financial assistance to install riparian plantings, rain gardens, or other urban conservation practices on their property. The workshop is scheduled for May 12, 2012.

Rainwater harvesting for farms

Our presentation at the OSU Small Farms Conference on "Rainwater Harvesting for Farms" drew about 100 people who heard about methods and choices to construct a rainwater harvesting system that could be used for irrigation purposes. Many attendees do not have water rights on their property and were looking for alternatives.

WORKING TOGETHER = Developing and nurturing key partnerships to help achieve our conservation mission. *Captured here are actions that help us build and maintain important conservation relationships.*

Septic systems meeting

Tom and Eann met with staff of Clackamas County Water Environment Services to learn about their Safety Net program, which provides loans to low income homeowners to repair or replace failing septic systems. There may be a way for the District to partner with WES on a program that would use our Clean Water State Revolving Fund loan funds.

Hazards mitigation meeting

Staff participated in the Clackamas County Natural Hazards Mitigation Advisory Committee. This committee is updating the 2007 Natural Hazard Mitigation Plan as required by the State and FEMA. This 528-page plan outlines hazards faced by the county and cities, and steps to take in the event of a natural disaster. The District's contribution to this meeting was our knowledge of watersheds, stream systems, landslide history, and general conservation practices. There were only a few people on the committee that work directly in the natural resources field. The most important contribution was District input to include drought as a natural hazard. The document is available at <http://www.clackamas.us/docs/emergency/nhmp.pdf>

OTAC

Staff attended the Oregon Technical Advisory Committee (OTAC) meeting. Everyone attending shared concerns about the impact of budget and staffing cuts occurring across the state. This further galvanized the importance of working together with all in attendance, and was well stated by Lynn Voigt from the USDA Farm Service Agency.

WORKPLACE = Assuring accountability and the sound delivery of services to our citizens and partners.

Staff training

UERC Symposium. Four staff attended the 10th Annual Urban Ecology and Conservation Symposium at Portland State University. The conference advances the state of science of urban ecosystems by fostering communication and collaboration among researchers and conservation professionals in the Portland/Vancouver area.

Soil Quality Network. Some staff and two directors attended the Soil Quality Network tour and workshop on Feb. 23-24. The workshop centered on maintaining and improving soil quality in both urban and rural areas. Major points included soil compaction, structure and texture of soil and how to maintain it for maximum productivity, conservation cover for both erosion control and nutrient supplementation, and maintaining living soil to reduce the need for additional nutrients and pesticides.

Local budget law. Staff attended a workshop on Oregon Local Budget Law, held by the Multnomah County Tax Supervising and Conservation Commission. It was a good review, including an explanation of changes to the law that go into effect this spring. The District budget team (staff who are working on the preparation of the FY 2012-13 District budget) will be attending additional training delivered by the Oregon Dept. of Revenue in early March.

Finance and Budget

Financial reports. Staff prepared budget-to-actual reports for the six-month period covering July 2011 through December 2011. We also prepared a comparison of 2010 actual income and expenses to 2011. These reports help us in developing our next budget for fiscal year 2012-2013 (July 1, 2012 through June 30, 2013).

Budget calendar and spreadsheets updated. The District budget team has been meeting regularly to discuss Oregon Local Budget Law requirements and how best to organize the process this spring. A budget calendar (timeline) has been developed. Budget spreadsheets have been updated to show audited figures for FY 09-10 and 10-11 and adopted budget figures for FY 11-12. The spreadsheets will show the proposed budget, revisions made by the Budget Committee, and the final Board-adopted budget. Improvements continue to be made to the spreadsheets we use in developing the District's budget. Objectives are to simplify the budget process and make it easier to understand, comply with Oregon Local Budget Law, and follow GASB-54 accounting guidelines.

Staff budget meeting. To help assure we capture future expenditures needed to support our conservation priorities and programs, a shared document has been used to capture staff input. The document was reviewed in a two-hour meeting with interested staff a few days ago.

Personnel

Annual performance reviews. Most staff have completed their first draft of their performance evaluation. Those will be reviewed by the District Manager, and then face-to-face reviews will be held.

Technology

Software updated. Updated Microsoft Office Software on six computers and installed Adobe PDF creation software on ten computers, so all staff have the same core document processing capabilities.

Conservation planning

Planners meeting. District conservation planners met to discuss a variety of issues. Topics included identifying sets of "usual and normal" practices or treatments that the District generally uses to address resource concerns, discussion on contractor lists, and ensuring the planners are following proper State Historical Preservation Office (SHPO) guidelines for addressing cultural resources on a project site.

Records request

GOCWC request for records. Staff spent an appreciable amount of time in February assembling records for the Greater Oregon City Watershed Council, covering the period from June 2007 to October 2010 when the District was the fiscal agent for GOCWC.

OUR PEOPLE

Board of Directors

Chair – Jan Lee
 Vice Chair – Don Guttridge
 Secretary – Joan Zuber
 Treasurer – Ron Oberg
 Member – Jesse Nelson
 Member – Mike Weinberg
 Member – vacant

Associate Directors

Roger Fantz
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 Cory Owens – NRCS

COMMON ABBREVIATIONS

APHIS – USDA Animal and Plant Health Inspection Service
 ARCSA – American Rainwater Catchment Systems Association
 BLM – Bureau of Land Management
 BMP – Best Management Practice
 BOLI – Bureau of Labor and Industries
 CCC – Clackamas Community College
 CCE – Common Computing Environment
 CCSWCD – Clackamas County Soil and Water Conservation District
 CEDARS – Clackamas Early Detection and Reporting System
 CIG – Conservation Innovation Grant
 CRBC – Clackamas River Basin Council
 CSP – Clackamas Stewardship Partners
 CSP – Conservation Stewardship Program - NRCS Cost Share Program
 CWMA – Cooperative Weed Management Area
 DEQ – Oregon Department of Environmental Quality
 DOG – Dollars On the Ground (CCSWCD cost-share program)
 EDRR – Early Detection and Rapid Response
 EQIP – Environmental Quality Incentives Program - NRCS Cost Share Program
 ESA – Endangered Species Act.
 FEMA – Federal Emergency Management Agency
 FSA – Farm Service Agency
 GIS – Geographic Information Systems (Mapping Software)
 GOCWC – Greater Oregon City Watershed Council
 IPM – Integrated Pest Management
 ITB – Invitation to bid
 LGIP – Local Government Investment Pool
 LID – Low Impact Development
 MOA – Memorandum of agreement (aka MOU)

MOU – Memorandum of understanding (aka MOA)
 NCPRD – North Clackamas Parks and Recreation District
 NCUWC – North Clackamas Urban Watersheds Council
 NOAA – National Oceanic and Atmospheric Administration
 NPDES - National Pollution Discharge Elimination System
 NRCS – Natural Resources Conservation Service
 OACD – Oregon Association of Conservation Districts
 OAN – Oregon Association of Nurseries
 OCEAN – Oregon Conservation Employees Association Network
 ODA – Oregon Department of Agriculture
 OAN – Oregon Association of Nurseries
 OSU – Oregon State University
 OTAC – Oregon Technical Advisory Committee
 OWEB – Oregon Watershed Enhancement Board
 OWHCMP – Oregon Wildlife Habitat Conservation and Mgt. Program
 PGE – Portland General Electric
 PRWC – Pudding River Watershed Council
 RAC – Resource Advisory Committee
 RC&D – Resource, Conservation and Development
 RWH – Rainwater Harvesting
 RFP – Request for proposal
 RUSLE – Revised Universal Soil Loss Equation
 SDAO – Special Districts Association
 SHPO – State Historic Preservation Office
 SWCD – Soil and water conservation district
 UERC – Urban Ecosystem Research Consortium
 USDA – United States Department of Agriculture
 USFS – United State Forest Service
 USGS – United States Geological Survey
 WES – Water Environment Services