



MEETING AGENDA

TUALATIN PARK ADVISORY COMMITTEE

January 8, 2019 - 6:00 PM

Juanita Pohl Center
8513 SW Tualatin Road

A. Call to Order

1. Roll Call
2. Election of Officers

B. Approval of Minutes

1. December 4 ,2018

C. Announcements

1. Chair
2. Staff
3. Public

D. Old Business

1. TPARK 2019 Goals and Direction
2. Parks System Development Charge Update

E. New Business

1. Staff 2019 Work Plan
2. Project Prioritization
3. Parks System Development Charge Annual Report
4. Annual Reports
 - a. TPARK
 - b. Metro
 - c. Tualatin Soil & Water Conservation District

F. Future Agenda Items

G. Committee Member Communications

H. Adjournment



DRAFT MINUTES

TUALATIN PARK ADVISORY COMMITTEE

December 4, 2018

Juanita Pohl Center
8513 SW Tualatin Road

MEMBERS PRESENT:	Beth Dittman, Dana Paulino, Valerie Pratt, Christen Sacco, Dennis Wells
MEMBERS ABSENT:	Anthony Warren (excused)
STAFF PRESENT:	Ross Hoover, Parks and Recreation Director Julie Ludemann, Recreation Manger Rich Mueller, Parks Planning and Development Manager
PUBLIC PRESENT:	Candice Kelly
OTHER:	

A. CALL TO ORDER

Chair Dennis Wells called the meeting to order at 6:05 pm.

B. APPROVAL OF MINUTES

The minutes of the November 20, 2018 meeting was unanimously approved, on a motion by Beth Dittman, and second from Dana Paulino.

C. ANNOUNCEMENTS

1. Chair
None

2. Staff
Rich Mueller introduced Julie Ludemann, Recreation Manager. Ross Hoover informed the Committee about a staff restructure in the department. Julie Ludemann provided a program and event update.

3. Public
None

D. OLD BUSINESS

1. TPARK 2019 Goals and Direction

Ross Hoover reviewed the seven master plan goals, and capital improvement projects identified in the plan. He discussed the commitment from staff, residents, and advisory committees in order to implement the master plan. Ross asked the committee what needs to happen for the seven master plan goals to become reality. Ross Hoover and Julie Ludemann led a discussion to identify phrases and adjectives in order to set committee direction in 2019.

Tualatin Parks Advisory Committee Meeting Minutes – December 4, 2018

The committee identified their role and what is important as:

- Increase communication in community
- Designate responsibility / strategy / coordination
- Enthusiasm
- Well-informed
- Communication of importance of maintenance/improvements (funding to keep the parks going)
- Strategic and tactical thinking (sub-committee, schedule, work plan)
- Accountability
- Conduit for information to Council
- Funding
- Representatives
- Advocates

The Committee members indicated they are not:

- Passive
- Steering committee or staff
- Final decision makers

The committee discussed goals, tasks, schedules, and projects. Members talked about representing the entire community, and the idea to meet in geographic areas and parks throughout the City. There was a suggestion for committee members to bring their profile, and identify groups and organizations they are connected with to the next meeting. Members asked staff for a review of projects in 2019 and an overview of the 52 master plan projects.

2. Parks System Development Charge (SDC) Update

Committee members discussed the upcoming December 10 Council meeting and public hearing where the Park System Development Charge Methodology will be considered.

E. NEW BUSINESS

None

F. COMMUNICATIONS FROM COMMITTEE MEMBERS

The vacant committee position was discussed due to the resignation of Krista Nanton.

G. ADJOURNMENT

On a motion from Valerie Pratt, and second by Beth Dittman, Chair Dennis Wells adjourned the meeting at 7:20 pm.



COMPREHENSIVE PLAN

OPEN HOUSE

January 22nd
Tuesday, 6-8 pm

Horizon High School
23370 SW Boones Ferry Road

Open House on Tualatin's future Basalt Creek Comprehensive Plan Amendments

Please join us for a drop-in event to learn about Tualatin's Comprehensive Plan and Map updates!

Contact with questions:
Steve Koper, Planning Manager
skoper@tualatin.gov
503.691.3028

<https://www.tualatinoregon.gov/planning/basalt-creek-area-planning>





Put Down Roots in Tualatin

Saum Creek Trail

November 17, 2018

Thank You Volunteers for Keeping Tualatin Green and Clean!

- 155 enthusiastic volunteers planted and mulched 900 native trees, shrubs and pollinator friendly flowering plants along the new Saum Creek Trail.
- PSU Engineers without Borders, LDS Sisters, Franklin HS National Honor Society students, TUHS Key Club students LDS families and Tualatin citizens and families contributed their time and energy on the Trail.
- Thank you to city staff: Brian Smith and Tom Steiger for engaging volunteers. Thank you to our community partner Friends of Trees for your support.





STAFF REPORT

CITY OF TUALATIN

TO: Honorable Mayor and Members of the City Council

FROM: Kyla Cesca, Office Coordinator
Ross Hoover, Parks and Recreation Director

DATE: 01/14/2019

SUBJECT: Consideration of **ORDINANCE NO. 1415-18** Relating to the Adoption of a New Parks System Development Charge Methodology; Amending Tualatin Municipal Code Chapter 2-6; and Creating New Provisions.

ISSUE BEFORE THE COUNCIL:

Council consideration of Ordinance No. 1415-18, Relating to the Adoption of a New Parks System Development Charge Methodology; Amending Tualatin Municipal Code Chapter 2-6; and Creating New Provisions.

RECOMMENDATION:

Staff recommends Council consider adopting Ordinance No. 1415-18, An Ordinance Relating to the Adoption of a New Parks System Development Charge Methodology; Amending Tualatin Municipal Code Chapter 2-6; and Creating New Provisions.

EXECUTIVE SUMMARY:

Ordinance No. 1415-18 relating to a new Parks SDC Methodology is before the Council for third reading and consideration for final adoption.

Under Charter Section 35, before an ordinance can be enacted, it must be read at two separate Council meetings. However, an ordinance can be enacted at a single Council meeting if the vote to adopt the ordinance receives the unanimous vote of all Council members present.

On December 10, 2018, the Council conducted first and second reading of Ordinance No. 1415-18. The vote to adopt the Ordinance received a majority of four in favor and two against, but it was not unanimous. As a result, the Ordinance must return for a third reading, and consideration for final adoption, to comply with the requirement in Charter Section 35 that the Ordinance be read at two separate Council meetings.

Ordinance No. 1415-18 would adopt the new Parks SDC methodology. Section 6 of the ordinance provides that the current Parks SDC rates will remain unchanged, subject to current indexing, until July 1, 2019, unless Council adopts new rates by resolution before then.

Staff is not asking for discussion or a decision on rates, and this Ordinance does not set new rates. Staff plans to return to Council for direction on rate setting in spring of 2019.

Six work session updates regarding funding and SDCs have provided an opportunity for Council discussion, comments and direction. The Park SDC Methodology 90 day notice was posted on August 3, 2018. After Council discussion and direction, the methodology was revised to include alternate rates for single family and multi-family residential, and four nonresidential categories. Included in the nonresidential categories are industrial/manufacturing, warehousing, retail/restaurant/hospitality, and office (includes healthcare, education, finance & professional services). The revised SDC Methodology 60 day notice was posed on October 9, 2018 for public review and comment. Council received the comments submitted in the December 10, 2018 meeting packet. Public comment was also received during the public hearing on December 10, 2018.

The Parks & Recreation Master Plan Project Advisory Committee and Park Advisory Committee recommends that Council adopt the Park System Development Charge Methodology.

Attachments: Ordinance No. 1415-18
 Exhibit 1 - Park System Development Charge Methodology



STAFF REPORT

CITY OF TUALATIN

TO: Honorable Mayor and Members of the City Council

THROUGH: Sherilyn Lombos, City Manager

FROM: Richard Mueller, Parks and Recreation Manager
Ross Hoover, Parks and Recreation Director

DATE: 01/14/2019

SUBJECT: Consideration of the Parks System Development Charge (SDC) Annual Report for Fiscal Year 2017/2018

ISSUE BEFORE THE COUNCIL:

The Council will review the Parks System Development Charge (Parks SDC) report for FY 2017/2018 and consider the staff recommendation.

RECOMMENDATION:

Staff recommends that Council accept the attached report.

EXECUTIVE SUMMARY:

Council established the current Parks SDC by adopting Ordinance 833-91 in 1991. The attached report fulfills the requirement of ORS 223.311 to provide an annual accounting of the Parks SDC, and to recommend any changes to the SDC ordinance.

In FY 2017/2018, \$314,783.60 was collected, including \$294,585.00 in Parks SDC fees, \$0 in refunds and \$20,198.60 in interest. No credits or installment payments were authorized.

Expenditures on qualified parks system improvements totaled \$237,923.61. The specific improvements are listed on page 2 of the attached report.

FINANCIAL IMPLICATIONS:

The Parks SDC beginning fund balance, revenues and expenditures are budgeted in the Parks Development Fund (Fund 436).

Attachments: Parks SDC Annual Report

PARKS SYSTEM DEVELOPMENT CHARGE (Parks SDC) ANNUAL REPORT FOR FISCAL YEAR 2017/2018

Introduction

The Parks System Development Charge (Parks SDC) consists of an “improvement fee” that covers the cost of new capacity to meet the demands of new development, based on adopted standards and a capital improvement list. The Parks SDC does not include a “reimbursement fee” since the park system does not include any excess capacity that would be used by new development. The fee is charged per new residential dwelling unit.

Council approved the original Parks SDC in 1984 by adoption of Ordinance 655-84. In 1989 the Legislature enacted House Bill 3224 requiring local governments to meet specific statutory requirements and that system development charges be based upon past and future capital improvements to the system for which it is being collected. In 1991, Council adopted Ordinance 833-91 to repeal the original ordinance and bring the City in compliance with ORS 223.297 through 223.314 (System Development Charges). The fee established in the new ordinance went into effect on July 1, 1991.

In January 2004, Council authorized two actions affecting the Parks SDC. First, by adoption of Resolution 4192-04, the 1991 fee was adjusted to present value by applying an adjustment factor consisting of indexes for both land and construction. The second action taken by Council in January 2004, by adoption of Ordinance 1154-04, was to establish an annual adjustment factor indexing both land and construction costs to enable the Parks SDC to have the purchasing power to pay for park projects it is intended to fund. These changes have been incorporated into the Tualatin Municipal Code, Chapter 2-6, System Development Charges.

Purpose

The purpose of this report is to fulfill the requirements of ORS 223.311, which requires an annual accounting of Park SDCs be performed, and to recommend any changes in the Parks SDC as adopted by the City of Tualatin.

Revenue

During the period covered by this report (July 1, 2017 to June 30, 2018), the City of Tualatin collected \$314,783.60 in Parks SDC fees, refunds and interest on the fee income (\$294,585.00 in fees, \$0 in refunds and \$20,198.60 in interest).

Credits

No credits were authorized.

Installment Payment Agreements

No installment payment agreements were authorized.

Expenditures

Parks SDC funds were used for the following projects in Fiscal Year 2017/2018:

<u>Project Description</u>	<u>Parks SDC Amount</u>
1. Parks and Recreation Master Plan Update	\$181,170.05
2. Jurgens Park Expansion	\$11,465.85
3. Saum Creek Greenway Trail	\$3,472.50
4. Transfer to General Fund Costs associated with management of Master Plan and administration of Parks SDC	\$42,200.00
5. Tualatin River Greenway Trail ODOT Refund	-\$384.79
Total Expenditures	\$237,923.61

Recommendation

It is recommended the Parks and Recreation Director continue to monitor issues that may arise and review their impact on the Parks SDC legislation.

The methodology is currently under consideration by the Council and rate setting is scheduled for spring of 2019.

Tualatin Park Advisory Committee (TPARK)



2017
Annual Report



Committee Members

- Dennis Wells, Chair
- Valerie Pratt, Vice-Chair
- Kay Dix
- Krista Nanton
- Dana Paulino
- Christen Sacco
- Anthony Warren
- Staff – Rich Mueller



Committee Role

The role of TPARK is to:

- Recommend, advise and make suggestions to the City Council regarding parks, facilities and programs
- Formulate comprehensive park system and recreation programs
- Consider comprehensive plans and projects affecting the City
- City's Tree Board to make recommendations on community forestry related issues

Recommend & Make Suggestions

Parks and Recreation Master Plan Update

Proclaiming July as Parks and Recreation Month

Tualatin Heritage Center Annual Report

Arbor Week Proclamation and Activities

Tree City USA Application

Projects, Programs and Facilities

Formulate Comprehensive Park Systems and Recreation Programs

- Master Plan Update
- Arbor Week Poster and Photo Contest
- Ice Age Tonquin Trail Easement Acquisition
- Projects (trails, creek erosion control)
- Programs and Events



Improving the Health of Tualatin through Parks and Recreation

Consider Provisions of Plans and Projects Affecting the City

- Master Plan Update
- Basalt Creek Concept Plan
- Ice Age Tonquin Trail
- Capital Improvement Plan



City Tree Board Recommendations On Community Forestry Issues

Arbor Week in the City of Tualatin

Tree City USA Application

Volunteer Tree Plantings



2018 Action Plan



- Fulfill Prescribed Duties
- Master Plan Update Project
- Support Continued Development of Parks, Recreation Programs and Facilities
- Continue Development of Trail System
- Transient Lodging Tax Input

Recommendations

- Update Parks and Recreation Master Plan as Scheduled
- Continue Development of the Tualatin Trail System
- Ensure Public Facilities are included in the Basalt Creek Plan
- Support Recreation, Youth and Older Adult Activity and Enrichment Programs, and Events
- Improve Health and Wellness through Parks and Recreation
- Conserve and Protect Natural Areas, Connecting Children to Nature, and Engaging Tualatin in Conservation Practices
- Ensure Social Equity for All People to Have Access to the Benefits of Parks and Recreation

Questions & Comments?





Metro

2017–18 Annual Report

Parks and Nature



Continued investments protect clean water, healthy habitat, connect people to nature close to home

More than 1,000 people move to greater Portland every month. As the region grows, so too does the need to protect clean water, restore fish and wildlife habitat and provide opportunities for people to enjoy nature close to home.

Over the past quarter century, voters have passed two bond measures that allowed Metro to create a unique regional park system with nature at its heart – and two levies to care for it. Today, Metro cares for more than 17,000 acres of parks, trails and natural areas.

June 2018 marked the end of funding from the original parks and natural areas levy voters approved in 2013. Thanks to voters who approved a levy renewal, funding has been extended to June 2023.

The levy renewal supports restoration work, such as tackling invasive weeds and restoring habitat for endangered wildlife. It supports nature education classes, volunteer opportunities and other activities – many developed with community partners. It also

supports park improvements and operations – the people and places that welcome more than 1.6 million visitors each year to hike forest trails, play on riverside beaches and enjoy lakeside picnics.

The levy complements the 2006 natural areas bond measure, which is winding down after a dozen years. The need, however, continues. Metro is starting to explore the possibility of referring a third bond measure to voters, perhaps in 2019, that could support continued investments in protecting land, improving parks and natural areas and supporting community projects.

Future work will continue to be guided by the Parks and Nature System Plan, a long-term strategic plan and framework for the future of the regional network.

It will also be guided by Metro Parks and Nature Department's Racial Equity, Diversity and Inclusion Action Plan. People of color, low-income residents and other historically marginalized groups continue to face

barriers to accessing nature. The action plan comprises more than 80 actions – some multi-year, department-wide undertakings, others short-term, discrete tasks – that work toward Metro's racial equity goals. The actions drive to three desired outcomes: economic equity, environmental equity and cultural equity.

As Metro crafts a potential bond measure, input from community members and partners will be crucial in helping ensure the benefits of clean water, healthy habitat and access to nature can be enjoyed by all of the region's residents.

To see the impacts of current investments and the opportunities ahead, listen to the stories on the ground. Learn more about how your tax dollars were spent from July 2017 to June 2018 to plan for new parks, protect sensitive land, provide for nature classes and events – and much more.

Get the whole report online with more photos, stories and details at oregonmetro.gov/parksandnature2018

Diversity, equity and inclusion

Communities of color, low-income residents and other historically marginalized groups have faced barriers to accessing parks and nature and enjoying the benefits of clean water and healthy habitats. Thanks in part to voter investments, Metro is working to rectify historic inequities and making a concerted push to create safe and welcoming spaces for all community members.

In 2016, the Metro Council adopted the Strategic Plan to Advance Racial Equity, Diversity and Inclusion. The plan established that “Metro will concentrate on eliminating the disparities that people of color experience, especially in those areas related to Metro’s policies, programs, services and destinations.”

Over the past year, the Parks and Nature Department created its Racial Equity, Diversity and Inclusion Action Plan. The actions support three goals: economic equity, environmental equity and cultural equity.

One initiative now underway called Connect with Nature is contracting with Verde, a community-based organization, to develop a new approach to designing parks that are welcoming to diverse communities. The information gathered from Connect with Nature participants is being used to plan for visitor amenities at East Council Creek Natural Area in Cornelius and Gabbert Butte Natural Area in Gresham.

The department is also working to develop and implement a transition plan that would bring parks into compliance with the Americans with Disabilities Act.



Metro, Centro Cultural partnership shapes Chehalem Ridge Nature Park

Construction could start in 2020 on Chehalem Ridge Nature Park. The 1,230-acre future park, 15 minutes south of Forest Grove, will provide visitors with opportunities to enjoy picnics, take in views from the Coast Range to the Cascade Mountains, and hike, bike and ride horses on about nine miles of trails.

The Metro Council in October 2017 unanimously approved the master plan that will guide visitor amenities.

Metro and Centro Cultural partnered during the community engagement phase to ensure the plan incorporates the needs of the fast-growing Latino community in Washington County. For instance, people of color and Spanish-speaking people said that activities for families, youths and people with disabilities were particularly important.

Metro and Centro Cultural co-hosted Spanish-language events, translated materials and hosted outreach booths at cultural events.

Metro staff also trained Centro Cultural staff and volunteers to lead public tours of Chehalem Ridge in English and Spanish.

“Most importantly, we’re able to advance the way communities of color engage with nature,” said Juan Carlos González, the development director of Centro Cultural, who will be joining the Metro Council in January. “This partnership has fostered a way for communities of color to really authentically engage with the planning process.”

The partnership with Metro provided a lot of value for the Centro Cultural community, said Maria Caballero-Rubio, the executive director.

“For me, the highlight has been that we’ve been able to engage our entire staff in going out and becoming engaged and learning about Metro,” she said. “We’ve claimed this park. It belongs to us. We have a lot of pride, and we’ve internalized that.”

Access to nature

Metro is expanding opportunities to hike, explore, see wildlife and learn about the landscape at voter-protected destinations. Killin Wetlands Nature Park opened in September 2018, and places like Newell Creek Canyon are taking shape, too.

Work is also underway to improve parks and facilities that more than 1.6 million visitors a year already enjoy. Projects focus on upgrading aging facilities, improving sustainability, and enhancing safety and security – such as the installation of security cameras and a new

HVAC system at Blue Lake and replacing a pumpout and dump station at popular M. James Gleason Memorial Boat Ramp.



Restoration and maintenance

Protecting clean water and restoring fish and wildlife habitat are at the core of Metro's parks and nature mission.

Nearly half of the money from the levies is dedicated to protecting water quality and habitat. Restoration and maintenance work includes controlling invasive weeds, planting native trees and shrubs, removing unnecessary culverts and roads, maintaining existing roads and infrastructure, decommissioning unauthorized trails, improving connections between streams and wetlands, and improving habitat for fish and wildlife.

After Metro acquires a property, a plan is drawn up as the first step of the management process. Invasive weeds start getting treated. Sometimes, dilapidated buildings, septic systems and other manmade structures are removed. This initial work is paid for with money from the 2006 natural areas bond measure.

Restoration takes different forms across the forests, rivers, wetlands, prairies, oak savannas and other habitats. It can often take years or decades to restore a site, after which it transitions to maintenance.



Oxbow restoration, improvements benefit people, wildlife

Big changes are taking shape at Oxbow Regional Park. Improvements at the beloved park include a new welcome center, a pair of nature-based play areas, 17 more campsites and continued efforts to restore salmon habitat in the Sandy River.

"We'll be able to provide visitors with a memorable and unique experience and understanding of the natural world at Oxbow," said park operations manager Monty Woods, whose team welcomed about 195,000 visitors to Oxbow last year.

The projects cost about \$3.2 million combined. Funding comes from grants, the 2006 natural areas bond measure and the 2013 parks and natural areas levy.

The new welcome center, scheduled to open in fall 2018, will serve as a gateway to the park. It will house interpretative displays and materials about the park and provide office space for staff. The 2,600-square-foot center will take the place of the small, 1960s ranger station, which has been demolished.

"It'll be one-stop shopping for information," Woods said. "People can feel confident and understand the lay of the land before they head in."

The number of campsites has expanded from 67 to 84. New sites, which opened before Memorial Day weekend, were built on a new access road. The area was reconfigured to create a more

streamlined entry to relieve congestion near the day-use and boat launch area.

The two new children's nature play areas – a sand and water area and an adventure camp area – include features that tell the story of Oxbow. Construction is expected to be completed by spring 2019.

Metro is intentionally making sure the amenities can be enjoyed by kids who use wheelchairs and cochlear implants and those on the autism spectrum, said Mary Rose Navarro, a Metro grants coordinator.

"I hope they'll feel really immersed in their play and that it will spark curiosity in the natural world and inspire them to continue to explore," she said.

Last summer, Metro and the Portland Water Bureau worked on separate but related restoration projects along the banks of the Sandy River. The work is part of a multi-year project to improve water quality and restore habitat for native fish.

Two side channels and an alcove were restored to create deep, slow-moving pools for fish. Hundreds of logs and boulders were placed in the water to provide resting and hiding spots. The restored channels provide cold water in the summer, when warmer temperatures in the main river become lethal for fish. In fall 2018 and winter 2019, crews will plant native trees, shrubs and grasses.

Community investments

Each year, Metro provides millions of dollars in grants and local share money to support local community nature projects. Over the last 25 years, more than \$90 million has been invested across greater Portland to acquire land, restore habitat, build visitor amenities and more. All of the grants available through the 2006 bond measure and 2013 levy were awarded prior to 2017-18. Using money from the levy renewal that started in July 2018, the Metro Council last summer awarded \$800,000 to 14 nature education and outdoor experiences programs.



Grant to Depave transforms parking lot at M&M Marketplace into greener, urban plaza

It's hard to find a parking spot at Hillsboro's M&M Marketplace on a Sunday afternoon as a constant stream of cars rolls past the bright blue warehouse. Colorful portraits of the artist Frida Kahlo gaze down at cars gliding past a new patio of permeable pavers, where women make pupusas and a man turns pollo asado on a large grill.

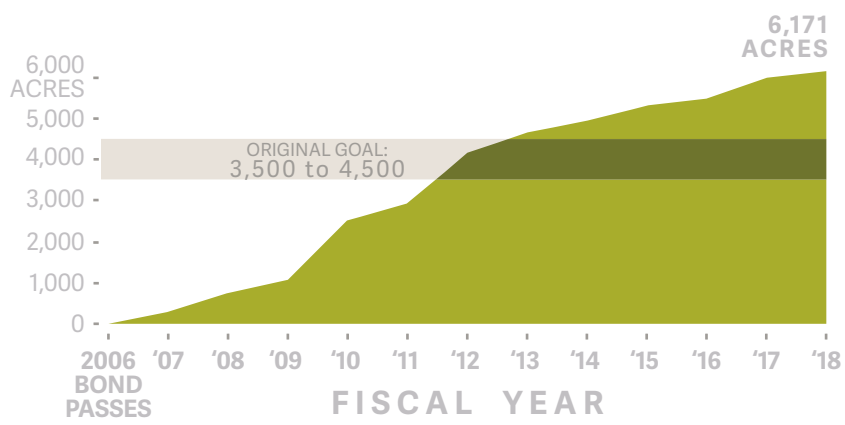
At the market's main entrance, founder Jaime Miranda points at rain gardens along the front of the building planted with native red osier dogwood, rushes, sedges and shrubs. "It used to be a swamp right here," he explains. "Some winters, water would flood right into the building. Now these islands absorb the water."

Local nonprofit Depave installed the rain gardens as part of a project to transform the busy parking lot into a greener, urban plaza. The work was largely paid for by a \$30,000 Metro Nature in Neighborhoods grant in 2016.

Miranda, who was born in Mexico and moved to Oregon as a child, opened the business with his sister in 2000. The two wanted to give people an opportunity to start small businesses without onerous leases and huge overhead costs. They rented a former industrial warehouse and opened the weekend market with a dozen vendors.

Now, more than 70 vendors sell food, goods and services from densely packed stalls. Customers can get clothes altered or made, photographs taken, or jewelry, watches and computers repaired. Occasional dance, wrestling or mariachi performances and regular events connect customers to information and services, including a health fair. "It's not just a business, it's a community hub," says Eric Rosewall, former executive director of Depave.

Retrofitting the parking lot involved excavating asphalt and building rain gardens to mitigate flooding and to filter pollutants from stormwater. Volunteers laid a patio of permeable pavers, planted street trees around the perimeter, installed a pergola over an outside seating area and added an extra entrance to the lot to improve traffic flow. Artists were also commissioned to add to the existing murals.



Land acquisition with 2006 bond (CUMULATIVE)

The biggest portion of the 2006 bond measure earmarked \$168 million for land acquisition from willing sellers. More than 6,000 acres have been acquired and protected – significantly surpassing the original goal. Thanks to voters, Metro has been able to conserve some of the last swathes of native prairies, wetlands and other valuable habitat – home to rare plants and endangered or threatened fish and wildlife. Other properties fill gaps in regional trails, providing key connections for commuters, bicyclists and joggers.

Nature education FY 2018

6,568
Youth participants in nature education programs

22
Sites where nature education programs took place

Volunteers FY 2018

12,088
Total volunteer hours at parks and natural areas

48
Sites where volunteers worked
Target = 33 sites

Promises made, promises kept

Metro's system of parks, trails, natural areas and historic cemeteries is the result of more than a quarter century of commitment, action and investment by the region. It exists because of voter support for two bond measures and two levies.

Spending from the 2006 natural areas bond measure is winding down, though some money remains to protect more land and support locally significant projects. Conversations are underway now about the possibility of continued investments to protect land, improve parks and natural areas and support community projects.

The final year of funding from the original levy expired in June 2018, and money from the levy renewal kicked in the following month. Continued funding builds upon the successes from the first levy. More sites will be restored to provide healthy habitat. New nature parks will welcome visitors. Popular parks will continue to see improvements and more programming.

The work continues. Stay tuned for next year's annual report to track how your tax dollars are spent to improve parks and nature.



Metro Council, from left: Councilors Bob Stacey, Sam Chase, Shirley Craddick, Metro Council President Tom Hughes, Councilors Kathryn Harrington, Betty Dominguez and Craig Dirksen

Parks and Nature spending* FY 2018

	General fund	2013 parks and natural areas levy	2006 natural areas bond	Total
Restoration/maintenance of parks and natural areas	\$2,529,369	\$4,049,997	\$0	\$6,579,366
Access to nature	\$551,595	\$2,517,002	\$725,397	\$3,793,994
Park improvements and operations	\$5,364,506	\$2,517,002	\$0	\$6,464,683
Cemeteries	\$779,263	\$0	\$0	\$779,263
Nature education and volunteer programs	\$279,652	\$909,075	\$0	\$1,188,727
Community investments	\$58,863	\$1,316,097	\$3,959,994	\$5,334,954
Land acquisition/stabilization	\$0	\$0	\$5,637,390	\$5,637,390
Administration**	\$2,330,505	\$4,771,162	\$3,665,743	\$10,767,410
Total	\$11,893,753	\$14,663,510	\$13,988,524	\$40,545,787

* Unaudited
** Administration spending includes expenses for department administration and support services, such as the Office of the Metro Attorney, the Data Resource Center and Communications.

2013 parks and natural areas levy

Promised to voters



Actual levy spending THROUGH JUNE 2018



Improving public access to natural areas

Regional park operations

Nature in Neighborhoods grants

Restoring natural areas for wildlife, fish and water quality

Nature education and volunteers



Tualatin Soil and Water Conservation District Annual Report

Fiscal Year 2018
(July 1, 2017 - June 30, 2018)

Year of Growth



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A photograph of a forest stream flowing over mossy rocks. The water is clear and moves quickly over the large, rounded, moss-covered boulders. The surrounding forest is dense with tall trees and a thick layer of fallen leaves on the ground. The overall scene is peaceful and natural.

Mission

Tualatin Soil and Water Conservation District provides technical assistance, financial assistance, and education in order to create a sustainable, productive, healthy environment for the Washington County community. We identify natural resource challenges and use both time-tested methods and cutting-edge research to determine solutions. Working with residents, we help our community implement sustainable solutions to conserve and enhance natural resources.

Chairman's Note

John McDonald, Board Chair



During the last year Tualatin SWCD grew exponentially. During that expansion we re-branded. Pictured above: Tualatin SWCD Branding Committee.

The view from the chair position is encouraging. I feel like an architect who pored over pages of building designs, stressed through construction startups, and now looks over what is taking shape. What I see is “under construction” but heartwarming.

For several years, the district asked county residents and stakeholders: what do you want us to do? How can we help? You wanted two actions.

First, keep our soil, water, and related natural resources healthy so we can continue to enjoy economic, environmental, and lifestyle benefits. By doing so we also help meet the challenges and pressures threatening our natural resources.

Second, help fix problems: erosion, those nasty weeds, dying trees, stormwater damage, pesticides getting to our water, and many other things you told us you don't like.

We gathered around tables, cranked up computers, and drew our plan which details how we will do what you asked. Perhaps you saw us in 2016 beating the bushes, making fervent pleas asking you to help pay through a tax base to implement the plan. I am especially grateful for your confidence in us. I am equally proud that we are doing what you asked.

We continue to expand our 60-year history of working in agriculture but have added new services to cities and forests. Our conservation education is expanding. The weed control efforts are growing (no pun). Our programs and services now reach the whole county. The board is being very careful to nurture our infant programs as they grow. We are just now in the middle of our five-year plan (2016-2020).

I am very pleased with what we have: high-quality employees, a strong board, great partnerships, a growing array of products and services, and equally important, a clear vision of what we need to do to serve you in future years.



Brand Pillars

Livable Community

Our work helps to create healthy, livable communities that are good places to work and to play. We form partnerships to achieve stewardship, provide conservation education, and bring communities together in shared responsibility. We believe in being inclusive and sharing resources. We see economic health, human health, and environmental health as interconnected and necessary for livable communities.



Wise Conservation

We believe conservation is based in knowledge and practice. Our organization guides the Washington County community to conserve and enhance all natural resources. We create educational opportunities and help community members better understand and connect to conservation resources. Wise conservation makes sustainability attainable for individuals and communities.



Practical Innovation

Our practices are based on science and practical experience. We implement new knowledge and technology as well as reliable, established practices. We continue to learn and grow in order to serve our community's needs.



Where we have been...

On June 20, 1955, the Washington County Soil Conservation District was formed to help farmers with erosion control, irrigation and drainage improvement, and farm planning. In 1963, the Oregon Legislature added “and water” to all Conservation District names. In 2003, the District changed its name to Tualatin Soil and Water Conservation District.

A Soil Conservation Service employee surveying a site on a Washington County creek.



Multiple partners and directors studying the Tillamook Forest in 1978. Pictured below: Bob Madsen, Charles Boothby, George Schroeder, Monroe Samuels, Vic Madsen, Ralph Duyck.



Where we are.

Following the 2016 tax levy that provided stable funding, Tualatin SWCD was able to move into a new office, grow to 15 employees, and expand its programs to offer assistance to all Washington County residents.



Conservation Specialist, Nicole Ruggiero, identifies grasses in a pasture on a project.



Briita Pajunas and Juli Waarvik complete an inventory on a stream to measure baseline conditions before a stream enhancement project is started.



Grant Programs

Budget & Financial Summary

Featured Research

Landowner Highlight

Stream Enhancement Program

Oregon Agriculture in the Classroom

Conservation Education Program

Where we have been & Where we are

Conservation Education

Our accomplishments from the year

As the Tualatin SWCD continues to develop new programs, the need for community outreach increases. In FY 2018, the District created three new conservation programs: an Invasive Species Program, a Rural Conservation Program, and an Urban Conservation Program. Given the increased ability to provide technical and financial assistance to individuals and groups across the county, two Conservation Educators spent the year raising awareness of the scope of assistance programs that Tualatin SWCD has to offer.

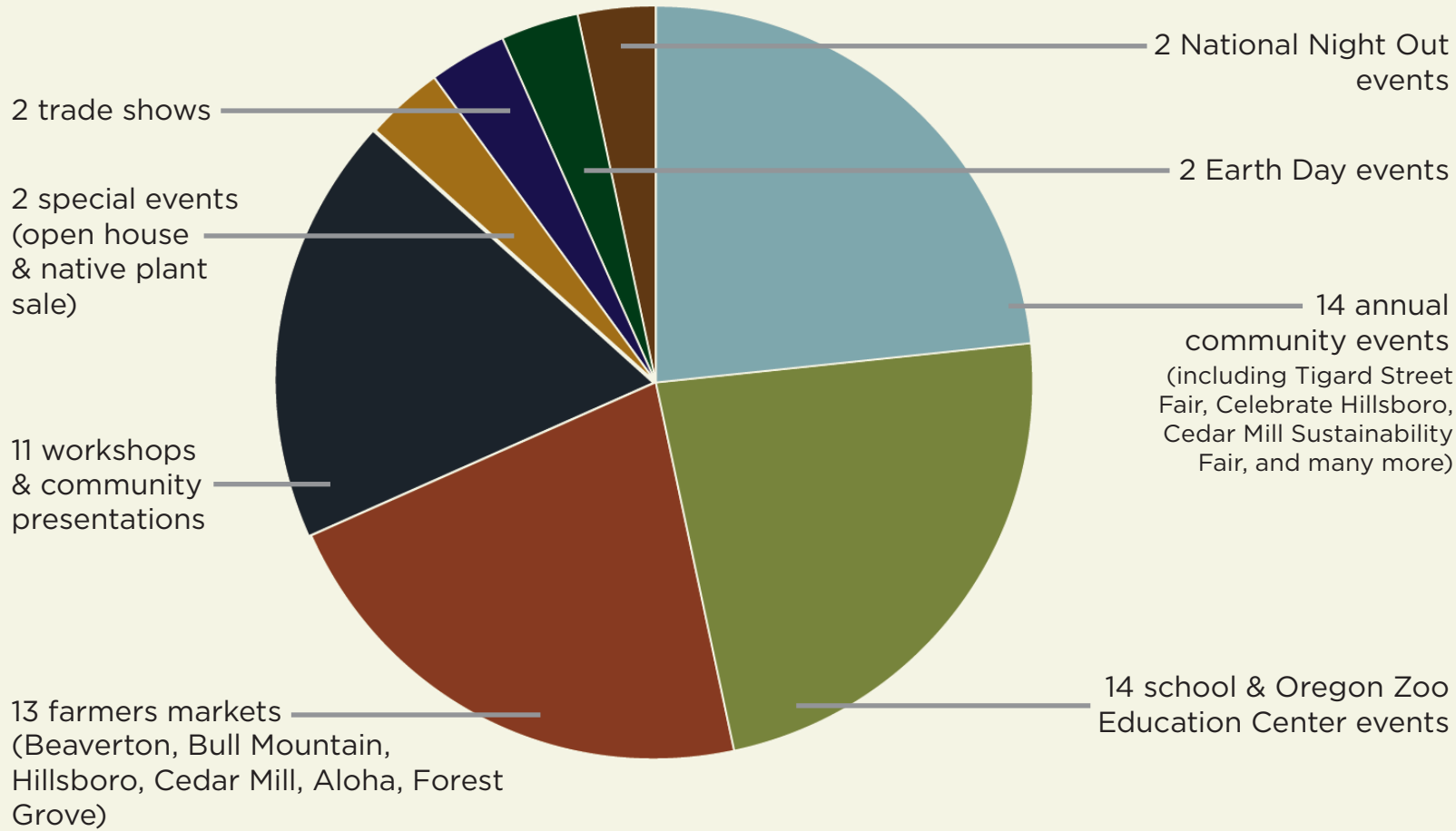
By hosting or attending 60 outreach events, including farmers markets, educational presentations, workshops, and a variety of community events, the Conservation Education Program reached over 4,900 people this fiscal year. That's a 60% increase over last year. At outreach events, Tualatin SWCD used interactive activities to talk with residents about a variety of conservation topics relevant to both urban and rural communities, including composting, creating habitat for pollinators, and maintaining watershed

health. Workshops hosted by Tualatin SWCD provided community members with information about how to identify and report invasive plant species, how to landscape with native plants, and how to support beneficial insects.

Tualatin SWCD aims to increase the number of Washington County residents reached through workshops and outreach events.



Events Overview



Conservation Education Program

Where we have been & Where we are



Oregon Agriculture in the Classroom



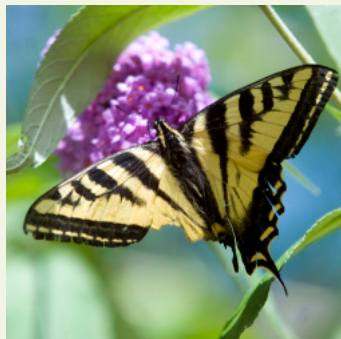
Stream Enhancement Program



Landowner Highlight



Featured Research



Budget & Financial Summary



Grant Programs



14 school & Oregon Zoo Education Center events

Oregon Agriculture in the Classroom

Growth in the schools

Oregon's Agriculture in the Classroom Foundation (AITC) brings lessons about farming, soil health, food systems, and nutrition directly into classrooms across the state. Given that 35% of Washington County is rural, most students aren't far from a place where food is actively being produced.

The lessons and educational support provided by AITC help teachers and students understand the path that their food takes on its way to the table. AITC is dedicated to helping students grow in their knowledge of agriculture, the environment, and natural resources for the benefit of Oregonians today and in the future.

Through Tualatin SWCD's sponsorship of AITC, Washington County teachers and classrooms have a unique resource in Kassia Rudd, the Washington County Programs Coordinator. Rudd frequently visits classrooms throughout the county to provide lessons, school garden consultations, and curriculum support. She works with other AITC staff to host teacher training workshops, run an annual literacy project focused on agriculturally-themed books, and compile artwork from students around the state to create an annual AITC calendar.

AITC has also established a lending library, located at the Tualatin SWCD office, which provides teachers with access to a variety

of agriculture-related educational resources including books, DVDs, lesson plans, and learning kits. As one of only two AITC lending libraries in the state, Washington County educators benefit from being able to drop in and peruse materials that can be used in their classrooms.

In the past year, at least 50 new teachers in Washington County signed up to take advantage of AITC's resources. Rudd has been continuously curating the library's collection, with an eye toward inclusivity and diversity in agriculture. She is acquiring more Spanish-language materials and finding books that go beyond talking about food to discuss labor in agriculture and diverse representation in careers.

For Rudd, a highlight of the past year was initiating the Harvest of the Month program at McKinney Elementary School in Hillsboro. This program brings local food system workers into classrooms to share their real-life experiences in farming, production, food preparation, and a variety of other food-related careers. Students watched filmed interviews of each professional before asking their own questions and participating in food tasting activities.

Rudd is excited to continue her work with local educators to identify their interests and mold the AITC program to fit the specific needs of Washington County.



Students at W. Verne McKinney Elementary prepare the ground for planting as part of their weekly garden lesson, a program funded by an Oregon Farm to School Grant and advised by Oregon AITC.



W. Verne McKinney students build soil health and school aesthetics by planting peas, a pretty and tasty crop that partners with beneficial microbes to fix atmospheric nitrogen and add it to the soil.



A Washington County 4th grader considers the choices farmers face every day when producing food and other crops. This lesson, Apples to Oregon, was the 2018 AITC Annual Literacy Project. Oregon AITC connects schools with farmers so students can build relationships with people in their local agricultural community and learn the varied sources of their food, fiber, and other natural resources.

Statistics for FY18

19 classrooms visited for AITC Literacy Project in Washington County

7,944 students impacted through the AITC program

286 educators reached in Washington County

Where we have been & Where we are

Conservation Education Program

Oregon Agriculture in the Classroom

Stream Enhancement Program

Landowner Highlight

Featured Research

Budget & Financial Summary

Grant Programs

Stream Enhancement Program

Successes of our streams

To meet the goals of water quality and water quantity in the Tualatin Basin, Tualatin SWCD stream enhancement involves planting streamside areas in dense woody vegetation using a variety of native trees and shrubs. Here are a few reasons why trees and shrubs provide top-down benefits for our streams:

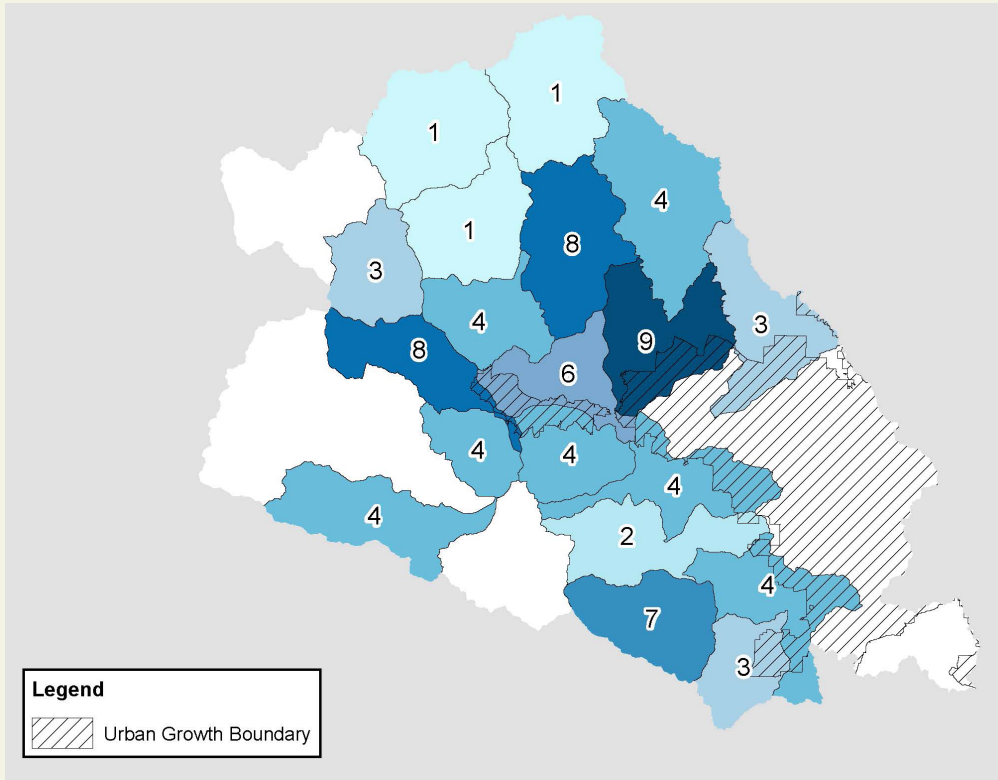
- Leaves and branches intercept rainfall and slow its movement, reducing the total energy of water runoff.
- Leaves and debris provide an important food source for aquatic life.
- Trees and shrubs provide shade that helps keep water cool for fish.
- Woody trunks of trees and shrubs also decrease the energy of high stream flow and act as a filter for debris and soil swept up in the current.
- Along the slope of a streambank, plant roots help bind the soil to better resist large-scale bank erosion and keep ideal habitat in place.
- Root growth and leaf litter encourage water to soak into the ground, rather than run off, carrying pollutants with it.
- Roots filter contaminants that drop out of the runoff by pulling them up from the soil and storing nutrients in their wood.
- Groundwater is filtered by tree roots before it can reach the stream channel. This means less contaminants and the gradual release of water into streams, which helps maintain base flow.



Why do we need Ponderosa pines?

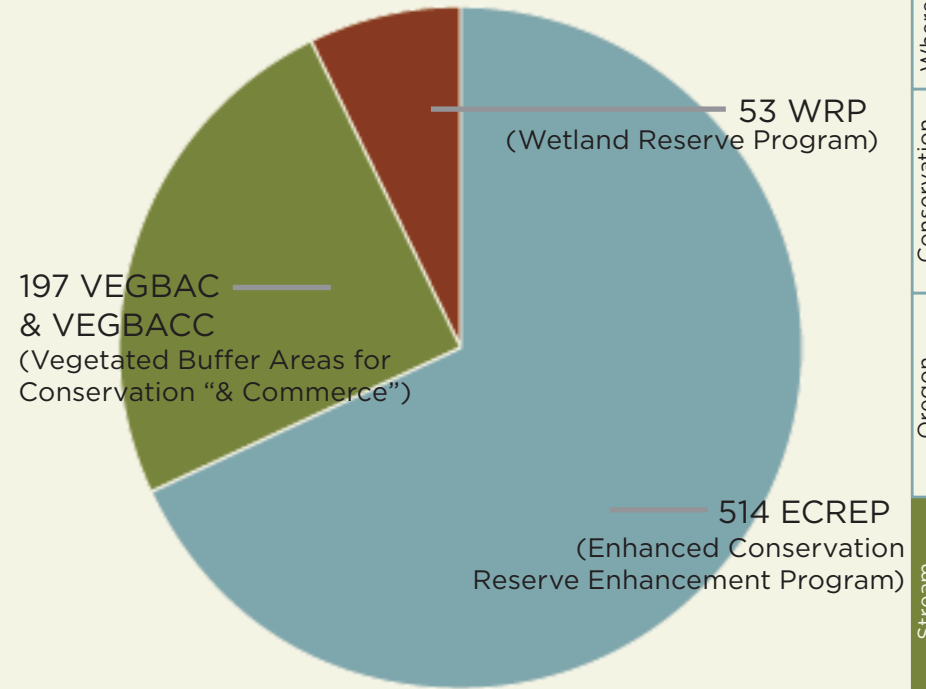
Willamette Valley Ponderosa pine, or yellow pine, was historically found along with Oregon white oak and Douglas fir in savanna grasslands, a habitat greatly impacted by indigenous tribes' land management. This subspecies of Ponderosa pine has existed in the Tualatin Basin for several thousand years. It differs from those found east of the Cascades, as it can tolerate the wetter conditions and poorly drained soils. Along riverbanks, it often naturally grows with cottonwood, ash, or bigleaf maple. This native species fits the goals of the Tualatin SWCD Streamside Enhancement Program because young Ponderosa pines grow rapidly and provide year-round shade, which helps to control unwanted weeds and cool temperatures in the streams for aquatic life. These trees also provide durable dead wood which fall into the creek and provide structure and habitat for different stages of a salmon's lifecycle.

Number of Tualatin SWCD Stream Enhancement projects by subbasin within Washington County



Subbasins with the most projects: Lower McKay Creek - 9; Lower East Fork Dairy Creek - 8; Lower Gales Creek - 8; McFee Creek - 7; Council Creek-Dairy Creek - 6.

Total acres currently enrolled in Stream Enhancement programs



Statistics for FY18

80 active restoration projects in the basin

79 new acres enrolled

753 active acres managed

5 new projects

20 Stewardship Agreements

140,000 trees planted across 28 projects



Landowner Highlight

Rewards of Restoration



Painted honey bee hives sit near a bee pasture.

Bob and Barb Falconer created a haven for pollinators on their Hillsboro property. From the colorful flowers in their “bee pastures” to the painted honey bee hives and stacked mason bee nesting boxes, there is plenty of shelter and food available to support the variety of bee species that have found refuge on their property. While the upper portion of the Falconers’ property provides exceptional habitat to pollinator species, the lower portion sits within the floodplain of McKay Creek and tends to see very little pollinator activity. In the past, the area was used for light grazing and farming. With water from the creek pouring over its banks multiple times each winter, there are limited options for what can be planted and how the area can be used. While the mason bee hotels and bumble bee nests that Bob Falconer installed near the bee pastures stay quite busy, identical nesting boxes located near the floodplain area sit nearly empty.



Bob and Barb Falconer stand in front of a bee pasture on their property.

The hope is that will change as the Falconers work with Tualatin SWCD's Stream Enhancement Program to plant a variety of native shrubs and trees on the streamside portion of their property. These plants will provide additional foraging ground for important pollinators while also shading the waters of McKay Creek, helping to regulate water temperature, filter pollutants, and improve wildlife habitat.

The Falconers first became aware of Tualatin SWCD's Stream Enhancement Program through a postcard mailed to their home. Their location within the Dairy-McKay Creek subwatershed made them eligible for the Regional Conservation Partnership Program, which combines local and federal dollars to fund practices, such as streamside buffers and irrigation efficiency practices, that improve water quality. In coordination with landowners, Tualatin SWCD facilitates the groundwork to put these enhancement projects in place.

After learning more about Tualatin SWCD's programs, the Falconers encouraged upstream neighbors to consider enhancement projects on their streamside properties.

This neighborly coordination led to two additional landowners expressing interest in the program and resulted in a long, contiguous stretch of McKay Creek that could be enhanced, making it a more impactful project and a good candidate for enrollment in the program.

Once the property was enrolled, the process of preparing the site for enhancement could begin. Over the past three years, Tualatin SWCD has arranged for contractors to periodically visit the property to control invasive species and prepare for aggressive planting of native grasses, shrubs, and trees.

The Falconers are excited to watch for any changes in pollinator activity as more tree and shrub species are planted in the floodplain. As foraging opportunities increase, it is more likely that the pollinator nesting attempts will increase. While they acknowledge that you have to be committed to long-term benefits when taking on habitat enhancement projects, they are motivated by the cumulative benefits that the enhancement efforts on their property, and the properties of their neighbors, will have on the local watershed.



Bob Falconer inspects an experimental bumble bee nest.

These plants will provide additional foraging ground for important pollinators while also shading the waters of McKay Creek, helping to regulate water temperature, filter pollutants, and improve wildlife habitat.



A variety of plant species attract pollinators to the Falconers' property.

Featured Research

Expanding our Efforts

The Tualatin Soil and Water Conservation District supports conservation research throughout the region. We look for opportunities to partner with other organizations to conduct relevant research that will help our community implement sustainable solutions and enhance natural resources.

Two recent research efforts have focused on conservation of the oak and prairie ecosystems. Native prairies are a unique and important habitat in the Tualatin River Basin, but their distribution has decreased substantially over the last century due to urban development, land conversion, and fire suppression. This habitat has high biodiversity and is considered a top conservation priority in Oregon.



Mapping Oregon white oak in Washington County

In an effort led by the Intertwine Alliance, over 30 research partners have worked together to create an accurate distribution map of Oregon white oak trees (*Quercus garryana*) throughout the Willamette Valley. Funding from Tualatin SWCD supported the completion of oak mapping in Washington County.

With a comprehensive data set describing the distribution of oak trees,

project partners can now begin the process to prioritize management of remnant patches. The mapping effort confirmed that many oaks in Washington County are located on private land. Technical and financial assistance from the Tualatin SWCD can provide landowners with the support they may need to conserve remnant oak patches.

Prairie conservation through cattle grazing



Native prairies depend on periodic disturbance to maintain native biodiversity. In the absence of periodic burning and elk grazing, which historically provided disturbance, the balance of native grasses and flowers that make up the prairie and oak ecosystem is threatened.

Over the past two years, a pilot research project has been underway to determine whether strategically grazing cattle in prairies can create the disturbance needed to achieve the ecological goals to maintain native plant diversity and control invasive species. Tualatin SWCD's Board recently approved funding to support this ongoing research as it expands to additional sites in the area. This research will provide important information to land managers about the methods available to preserve prairie habitats.

Budget and Financial Summary

Unaudited Statement of Revenues and Expenditures for the Fiscal Year Ended June 30, 2018

REVENUES

Fiscal Year Beginning Balance	\$ 280,855
Clean Water Services	1,228,699
Federal Funding	111,566
Grants	8,764
Other Sources	57,489
State Funding ¹	80,857
Tax Levy	<u>4,623,063</u>
Total Revenues	<u>6,391,293</u>

EXPENDITURES

Personnel Services ¹	829,098
Materials and Services ¹	
Operations	329,993
Conservation Incentives	1,030,209
Outreach & Education	243,714
Capital Outlay	<u>581,325</u>
Total Expenditures	<u>3,014,339</u>

NET REVENUE OVER EXPENDITURES \$ **3,376,954**

¹Federal and state matching funds for the Enhance CREP program are provided through the US Department of Agriculture Farm Service Agency and the Oregon Watershed Enhancement Board, respectively. Initial costs are funded by Clean Water Services. Tualatin SWCD provides a "pass-through" by reporting the federal and state matching as revenues, then reports the payments to Clean Water Services as expenditures.



Mason bee nesting stations at PCC Rock Creek funded from our TWIG program with OSU Master Gardeners.

Unaudited Balance Sheet - June 30, 2018

ASSETS

Cash and Investments	\$	<u>3,404,815</u>
Total Assets	\$	<u>3,404,815</u>

LIABILITIES & EQUITY

Liabilities

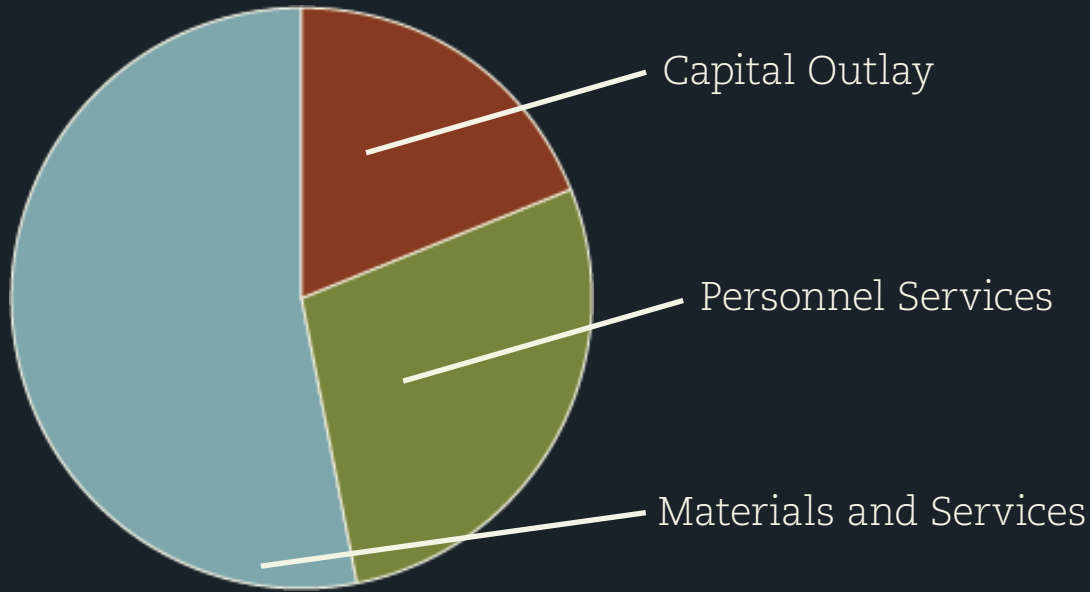
Credit Card	\$	30
Payroll Liabilities		<u>27,831</u>
Total Liabilities		27,861

Equity

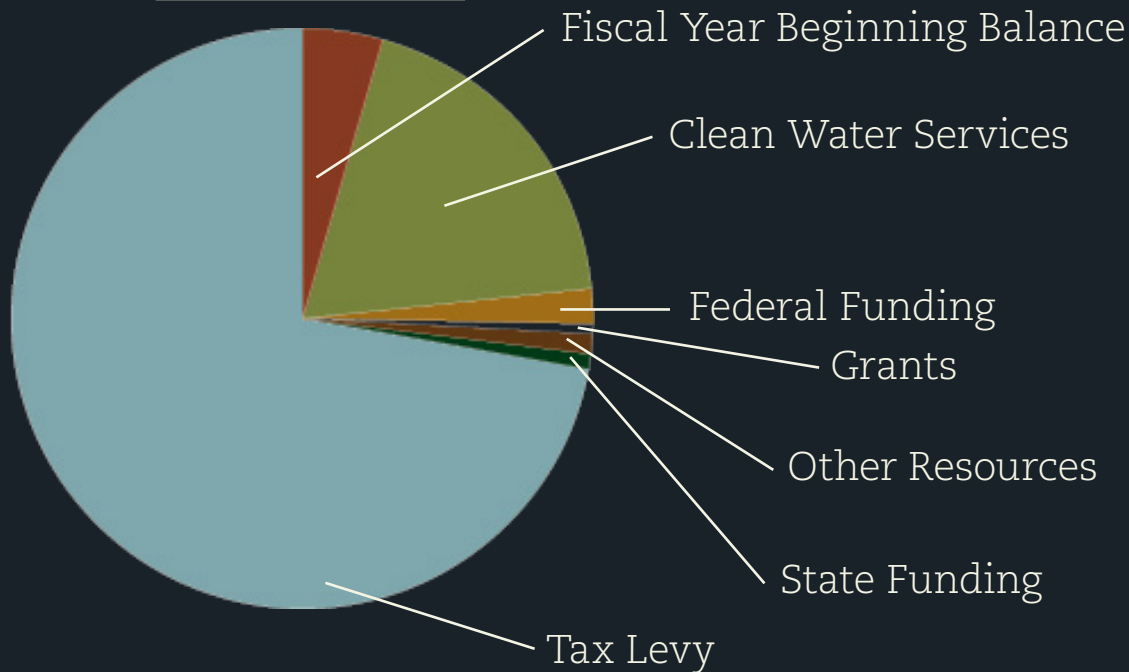
Net Revenue		<u>3,376,954</u>
Total Equity		<u>3,376,954</u>

Total Liabilities & Equity \$ **3,404,815**

Expenditures



Revenues



Bethlehem House of Bread Community garden in Washington County supported by the TWIG program.



The Bethlehem House of Bread Community garden grows garlic near their irrigation system.

Where we have been & Where we are

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Oregon Agriculture in the Classroom

Stream Enhancement Program

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Farmers Market Grant Program

Connecting our Community

Farmers markets allow consumers to access fresh, nutritious, local food while also providing a direct connection between local farmers and their communities. These markets help promote agricultural viability, provide opportunities to purchase locally-grown foods, and support healthy, sustainable communities.

This program ensures that fresh, healthy food options are available to economically diverse communities. Funds were also used to support existing and emerging vendors through complimentary vendor stalls, vendor education, market promotion, and engaging activities like food demonstrations and live performances.

In Fiscal Year 2018, Tualatin SWCD provided a total of \$43,350 in grant funding to nine farmers markets throughout Washington County, supporting projects and initiatives that encouraged community and vendor participation in market events.

Many of the markets used the grants to match nutritional assistance funds from the federal Supplemental Nutrition Assistance Program (SNAP).



Tualatin Watershed Improvement Grant Program

Caring about Conservation

In January 2018, Tualatin SWCD began its small grant program with the goal of supporting conservation-related projects carried out by other organizations and individuals throughout Washington County.

The Tualatin Watershed Improvement Grant (TWIG) Program provides up to \$5,000 in funding for projects that improve the condition of natural resources throughout the Tualatin River Watershed.

The funded projects have been wide-ranging, but they all address an area of conservation concern by supporting pollinators or other beneficial insects, creating school or community gardens, managing rainwater, hosting conservation-related events, or implementing native or water-wise landscaping.

In the first six months of the grant program, a total of \$60,000 was awarded to 15 conservation projects. These projects are expected to reach approximately 16,000 people in the community.

Nine grants were awarded to groups planning to establish, expand, or improve school and community gardens. Other projects included wetland and stream habitat enhancement, pollinator hedgerow plantings, and installation of a pond leveler to facilitate coexistence of beavers and farmers.



Tualatin Soil and Water

CONSERVATION DISTRICT

Conservation is for everyone.

Tualatin SWCD Staff

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Stream Enhancement Program

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Conservation Educator

Bethany Lund

Conservation Technician
Stream Enhancement Program

Judy Marsh

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Mary Meier

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Briita Pajunas

Conservation Specialist
Urban Conservation Program

Tyler Pedersen

Invasive Species Program
Coordinator

Nicole Ruggiero

Conservation Specialist
Rural Conservation Program

Brandy Saffell

Conservation Specialist
Forest Conservation Program

Aaron Shaw

Natural Resources Program Manager

Lacey Townsend

Executive Director

Charlotte Trowbridge

Conservation Educator

Juli Waarvik

Outreach and Enrollment Specialist
Stream Enhancement Program

As of 10/01/2018

Board of Directors

Jerry Ward (Treasurer)

Zone 1

Eldon Jossi

Zone 2

Thomas Dierickx

Zone 3

John McDonald (Chair)

Zone 4

Matt Pihl (Secretary)

Zone 5

**Steve VanGrunsven
(Vice Chair)**

At-Large 1

Anna Jesse

At-Large 2

Associate Directors

Sally Krahrmer

Directors Emeritus

Gary Clark

Ralph Duyck

Steve Huffman

Dick Kover

Dan Logan

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