



ANNUAL REPORT

Fiscal Year 2015-2016

East Multnomah Soil & Water Conservation District

Helping people care for land and water since 1950.

October 4, 2016

Final Version 1.1



**East Multnomah Soil & Water Conservation District
Annual Report for Fiscal Year 2015-2016
September 23, 2016
Final Version 1.0**

**This report was approved by the Board of Directors for the
East Multnomah Soil & Water Conservation District on: October 3, 2016.**

For more information about this report or to receive a hardcopy, please contact:

East Multnomah Soil & Water Conservation District
5211 N. Williams Ave., Portland, OR 97217
Tel: 503-222-7645
Email: information@emswcd.org

This report can be downloaded online at: <http://emswcd.org/about/organizational-resources/>

Cover photo: Headwaters Farm by Chelsea Rutherford @pdxphotoggal.

The East Multnomah Soil & Water Conservation District (EMSWCD) prohibits discrimination in all of its programs and activities on the basis of race, color, national origin, age, disability, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisals, or because all or part of an individual's income is derived from any public assistance program.



Table of Contents

1.0 Executive Summary.....	1
2.0 Introduction	3
2.1 Purpose of this Report.....	4
3.0 Board of Directors, Committees and Executive Director.....	5
4.0 Finance and Operations.....	7
4.1 Financial Management and Budgeting.....	7
4.2 Office Management.....	10
4.3 Facilities Management	10
4.4 Marketing, Media, and Information Technology	10
5.0 Rural Lands.....	11
5.1 Rural Water Quality Improvement.....	11
5.1.1 Landowner Consultations and Outreach	11
5.1.2 Monitoring	12
5.2 StreamCare.....	13
5.2.1 Dianna Pope Natural Area	14
5.3 Weed Control	14
6.0 Urban Lands	17
6.1 Reaching New Audiences	18
6.2 Naturescaping.....	18
6.1.1 Naturescaping Workshops.....	18
6.1.2 Naturescaped Yard Tour	19
6.3 Rain Gardens & Stormwater Management	19
6.3.1 Rain Garden Workshops and Presentations	19
6.3.2 Rain Garden Incentives	19
6.3.3 Stormwater and Drainage Technical Assistance.....	20
6.4 Water Conservation	20
6.4.1 Water Conservation Technical Assistance	20
6.4.2 Greywater Education	20
6.5 Native Plants.....	20
6.5.1 Native Plant Workshops.....	20
6.5.2 Native Plant Sale	20
6.5.3 Web-based Native Plants Selection Tool	21
6.6 Urban Weeds.....	21
6.6.1 Weed Workshops.....	21
6.6.2 Web-based Integrated Pest Management Tool.....	21
6.7 Wildlife Habitat.....	21
6.7.1 Wildlife Habitat technical assistance	21
6.7.2 Pollinator and Beneficial Insects workshops – Coming next year!	22
6.8 Conservation Corner.....	22
6.8.1 New this year at Conservation Corner.....	22
6.8.2 Community use and tours.....	22



6.9 Demonstration Projects.....	22
6.9.1 Campus Demonstration	22
6.9.2 Community Demonstration	22
7.0 Conservation Legacy	23
7.1 Headwaters Farm and Incubator Program.....	23
7.1.1 Program Management	25
7.1.2 Site Management.....	25
7.1.3 Support and Training	27
7.1.4 Outreach	27
7.2 Land Legacy.....	27
7.2.1 Program Planning and Management	28
7.2.2 Site-specific Protection	28
7.2.3 Site Stewardship	29
7.3 Grants	29
7.3.1 Partners in Conservation and PIC Plus Grants	30
7.3.2 Small Project and Community Event Grants.....	31
7.3.3 Conservation Landowner Incentive Program	32
7.3.4 Strategic Conservation Investments	32
7.3.5 Line Item Grants.....	32
7.3.6 Strategic Partnership Agreements.....	33
7.3.7 Grants Program Management	33
8.0 Next Reporting	33

Appendices

Appendix 1: Board and Staff Directory	34
Appendix 2: Draft Unaudited Financial Statement Summary.....	35
Appendix 3: Finance & Operations Summary	36
Appendix 4: Rural Lands - Water Quality Improvement Summary	38
Appendix 5: Rural Lands - StreamCare Summary	40
Appendix 6: Rural Lands - Weed Control Summary.....	42
Appendix 7: Urban Lands Summary.....	44
Appendix 8: Conservation Legacy - Headwaters Farm and Incubator Program	48
Appendix 9: Conservation Legacy - Land Legacy Summary	49
Appendix 10: Conservation Legacy - Grants Summary	51
Appendix 11: 2016 PIC Grants	53



Tables

Table 1: FY15-16 Annual Work Plan Progress Summary.....	2
Table 2: Planning, Implementation, and Reporting Cycle	4
Table 3: Board Directors, Committee Assignments and FY15-16 Meeting Dates	5
Table 4: FY15-16 Budgeted vs. Actual Revenues	8
Table 5: FY14-15 Budgeted vs. Actual Expenditures.....	9
Table 5: StreamCare Sites Summary.....	13
Table 6: Summary of Public Participation in Urban Lands Activities	17
Table 7: FY15-16 HIP Farmers	26

Maps

Map 1: EMSWCD Location	1
Map 2: EMSWCD Service Area	3
Map 3: Watersheds of the EMSWCD	3
Map 4: District Zones	6
Map 5: Water Quality Monitoring Locations	12
Map 6: StreamCare Sub-Watersheds	13
Map 7: False Brome Eradication Area.....	15
Map 8: Knotweed Survey Area	15
Map 9: Old Man's Beard and Ivy Treatment Area	16
Map 10: Garlic Mustard Containment Area.....	16
Map 11: Location of Headwaters Farm	23
Map 12: FY15-16 Land Legacy Program Focal Area for Agricultural Land Protection	28

Figures

Figure 1: FY14-15 Budgeted vs. Actual Revenues.....	8
Figure 2: FY15-16 Budgeted vs. Actual Operations Expenditures	9
Figure 3: Headwaters Farm.....	24
Figure 4: FY15-16 PIC Grant Categorization.....	30



Page intentionally left blank.

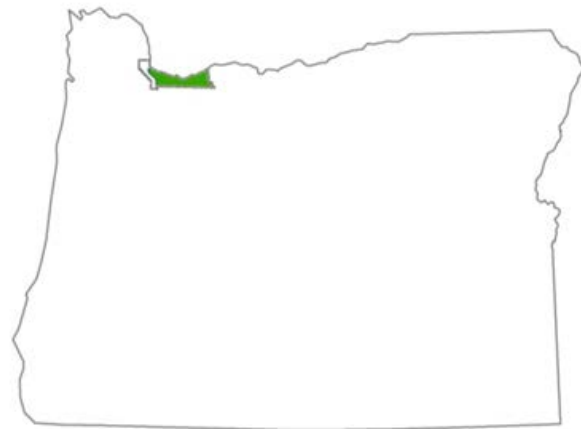


1.0 Executive Summary

The East Multnomah Soil and Water Conservation District (EMSWCD), located in northwestern Oregon, is a local, non-regulatory government agency that operates east of the Willamette River centerline within Multnomah County (see Map 1). During the Fiscal Year 2015-2016 (FY15-16), the EMSWCD's mission was *To help people care for land and water*. The EMSWCD fulfills its mission by providing technical, capacity, and financial assistance to landowners, land managers, and other residents to help establish and maintain healthy ecosystems, with a particular focus on soil, water, and natural habitats. With 20 full time staff and an annual operating and capital budget of \$12.2 million for FY15-16, the EMSWCD implemented its activities through four organizational units: 1) Finance and Operations; 2) Rural Lands; 3) Urban Lands; and 4) Conservation Legacy. This annual report describes the activities and accomplishments of the programmatic units from July 2015 through June 2016.

Throughout the fiscal year, the Finance and Operations unit focused on the administrative aspects of the EMSWCD's work, including budgeting, contracting, human resources, office management, facilities management, and marketing. The Rural Lands unit focused on providing advice to farmers and other land owners/managers on best practices, improving riparian habitats, and eradicating invasive weeds. The Urban Lands unit provided workshops, project consultations, demonstration project leadership, and public events, such as native landscaping tours and native plant sales. And finally, the Conservation Legacy unit focused on helping new farmers get established, protecting and restoring agricultural, natural resource, and access to nature lands, as well as providing grant funding for conservation-related activities of partners and allies.

Map 1: EMSWCD Location



Significant accomplishments during this reporting period included:

- Caring for **680 acres of natural habitat extending along 25 miles** of area streams;
- Treating approximately **510 acres of invasive weed species** on rural lands;
- Holding or participating in **83 outreach and education events**, extending our reach to over **30,000 constituents** with messaging about sustainable urban landscapes;
- Committing to provide **nearly \$1.2 million** to private organizations, public agencies, businesses and individuals for conservation-related projects.
- Assisting **14 new farm businesses** take root through the Headwaters Incubator Program;
- Entering into a **five-year Strategic Partnership Agreement** with the three watershed councils operating in the EMSWCD service area.



Table 1 below summarizes activities and accomplishments for each programmatic unit relative to activities that were identified in the FY15-16 Work Plan. Overall, the EMSWCD:

- ***Completed or is progressing satisfactorily with 68% of planned activities;***
- Did not complete or progress as planned, but substantive progress was made and ***success is likely for 15% of planned activities;*** and
- Did not complete or progress as planned ***17% of planned activities.***

Narrative descriptions of the accomplished work are given in Sections 3.0 – 7.0. Detailed evaluations relative to activities identified in the FY15-16 Work Plan are provided in Appendices 3 - 10.

Table 1: FY15-16 Annual Work Plan Progress Summary

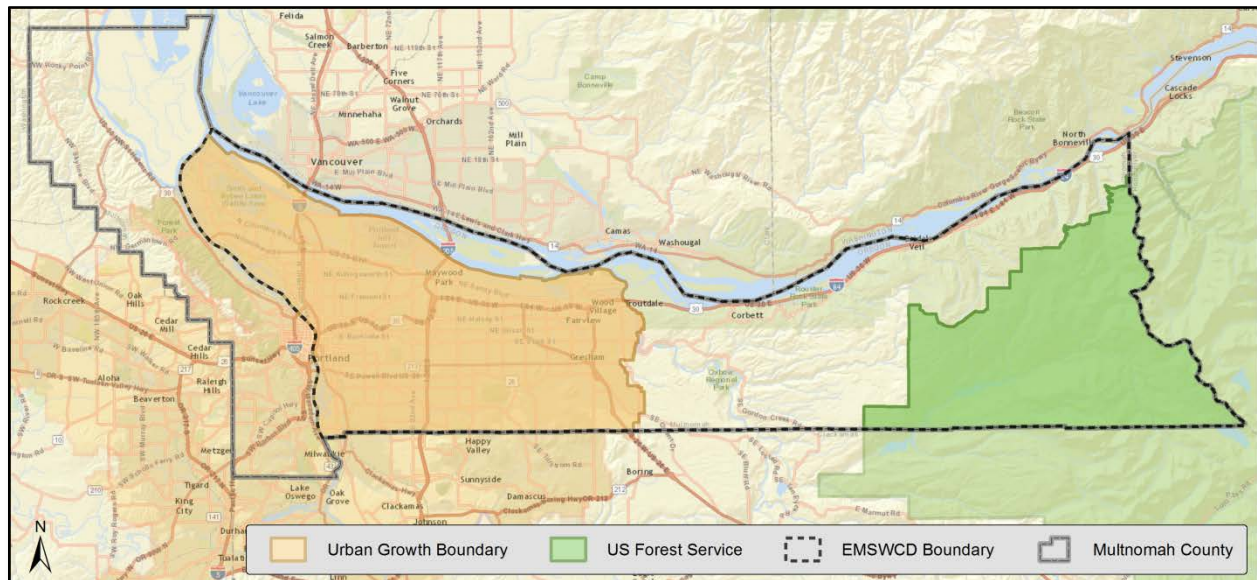
FY15-16 Annual Work Plan Progress Summary	Completed or progressing as planned, targets met or largely met	Not completed or progressing as planned, but underway and success likely	Not completed or progressing as planned; little substantive progress made
Finance & Operations	71%	29%	0%
Rural Lands: Water Quality	59%	41%	0%
Rural Lands: StreamCare	47%	13%	40%
Rural Lands: Weed Control	95%	0%	5%
Urban Lands	68%	3%	29%
Cons. Legacy: Headwaters Farm	87.5%	0%	12.5%
Cons. Legacy: Land Legacy	33%	33%	33%
Cons. Legacy: Grants	85%	0%	15%
TOTAL:	68%	15%	17%



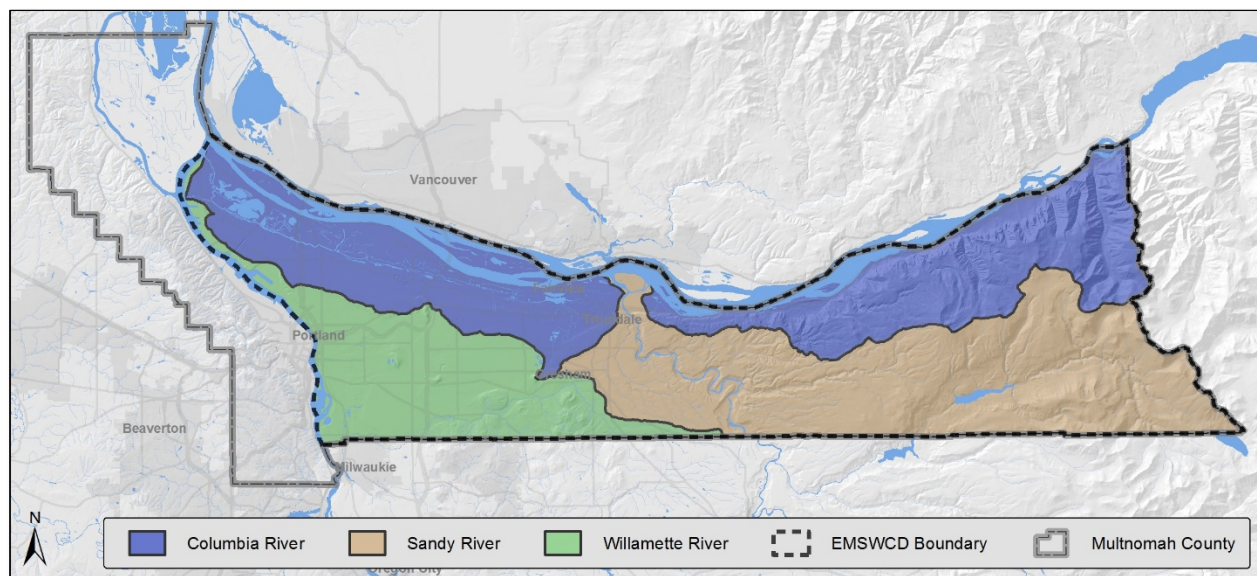
2.0 Introduction

The EMSWCD serves more than 700,000 residents who live and manage land east of the Willamette River centerline in Multnomah County, Oregon. Approximately one third of the EMSWCD's service area is urban, another third is populated rural area, and another third is managed directly by the United States Forest Service (see Map 2).¹ The area encompasses approximately 230,000 acres and includes three major watersheds—the Columbia River, Sandy River, and Willamette River—all of which contribute to the Greater Columbia River Basin (see Map 3).

Map 2: EMSWCD Service Area



Map 3: Watersheds of the EMSWCD



¹ Areas outside the Urban Growth Boundary along the Columbia River are also managed by the U.S. Forest Service as Columbia River Gorge National Scenic Area, but the EMSWCD operates in this area as well.



In January 2015, the EMSWCD Board of Directors approved an updated five-year strategic plan that identified a new vision, mission, broad goals, and organizational values as follows:

Vision: *Our lands and waters are healthy and sustain farms, forests, wildlife, and communities.*

Mission: *We help people care for land and water.*

Broad Goals:

1. Protect and improve water quality and quantity.
2. Protect and improve soil quality and quantity.
3. Protect and improve natural habitats.
4. Protect agricultural lands.
5. Increase the sustainability of agriculture.
6. Provide equitable access to nature.

Organizational Values:

1. Provide equitable access to services.
2. Focus on under-served communities.
3. Provide outstanding public service.
4. Operate in transparency.
5. Act with integrity.
6. Utilize sound operations.

A board of five directors, one associate director, and one director emeritus guided the policy and program direction of the EMSWCD in FY15-16. The daily operations of the EMSWCD were led by an Executive Director and implemented by 20 staff (a board and staff directory is provided in Appendix 1). During the fiscal year, the EMSWCD was organized in four programmatic units: 1) Finance and Operations; 2) Urban Lands; 3) Rural Lands; and 4) Conservation Legacy.

2.1 Purpose of this Report

This annual report is one of many tools the EMSWCD uses to plan, track, improve, and report on activities and progress. Table 2 below summarizes the annual cycle of all of the related tools. In brief, individual staff and EMSWCD-wide work plans are established early in the fiscal year, reporting on progress is completed quarterly and at the end of the fiscal year, and strategic planning and budgeting are initiated at the mid-point of each fiscal year. Each year this process becomes more refined and accurate in terms of establishing realistic goals and deliverables. The public can participate at any point in this cycle through board and committee meetings as explained in Section 3 below.

The primary purpose of this FY15-16 Annual Report is to document the progress the EMSWCD has made from July 2015 through June 2016. Progress is measured relative to the activities that were planned for in the EMSWCD's FY15-16 Annual Work Plan and by the goals that were established in the EMSWCD's 2012-2017 Strategic Plan. This report also serves to satisfy the requirements of Oregon Revised Statute 568.580, which directs all Oregon soil and water conservation districts to call an annual meeting of landowners (and other residents and constituents) and present an annual report and audit.

Table 2: Planning, Implementation, and Reporting Cycle

2016	Activity	2017	Activity
July	Annual updates to 5-year program plans	January	Quarterly Report for current fiscal year
August			Annual update to Five-year Strategic Plan
September	Annual Report for past fiscal year		Budgeting begins for next fiscal year
	Annual Meeting for past fiscal year	February	
October	Annual Audit for past fiscal year	March	
	Quarterly Report for current fiscal year	April	Quarterly Report for current fiscal year
November		May	
December		June	Individual staff work plans for next fiscal year
			District Annual Work Plan for next fiscal year
			Budget approved for next fiscal year



3.0 Board of Directors, Committees and Executive Director

The EMSWCD Board of Directors is the governing body of the EMSWCD and has the authority to carry out the items listed under “powers of Directors” listed in soil and water conservation district enabling statutes of Oregon as well as anything implied and necessary to carry out those items directly listed in statutes. These powers are granted subject to the oversight of the Oregon Department of Agriculture (ODA). As the governing body of EMSWCD, it is the Board’s responsibility to: set policy; adopt the budget; set programs and strategic priorities; hire and supervise the Executive Director; and oversee the management of the EMSWCD’s affairs to ensure legal compliance and fiscal responsibility.

Board Directors are elected in the November General Election held in even numbered years. Directors serve four-year terms. Director terms are staggered so that all positions are not typically elected simultaneously. Staggered terms help provide continuity on the board and maintain operational consistency. Conservation districts can expand capabilities by appointing associate directors and directors emeritus. Associate directors and directors emeritus do not vote on board decisions. However, they can augment the board's knowledge and experience level and assist with conservation district programs and activities.

Throughout FY15-16 the EMSWCD Board was composed of three zone Directors, two at-large Directors, one Associate Director, and one Director Emeritus (see Table 3). During FY15-16, the EMSWCD had five standing board committees: The Land Legacy Committee, Personnel Committee, Grants Committee, PIC Review Committee, and SPACE Review Committee. Board member assignments to the committees are shown in Table 3. The EMSWCD zones associated with the zone Directors are shown in Map 4. The Board met once per month during the fiscal year². The Land Legacy Committee also met every other month. All other committees met on an as-needed basis. All Board and committee meetings were open to the public.

Table 3: Board Directors, Committee Assignments and FY15-16 Meeting Dates

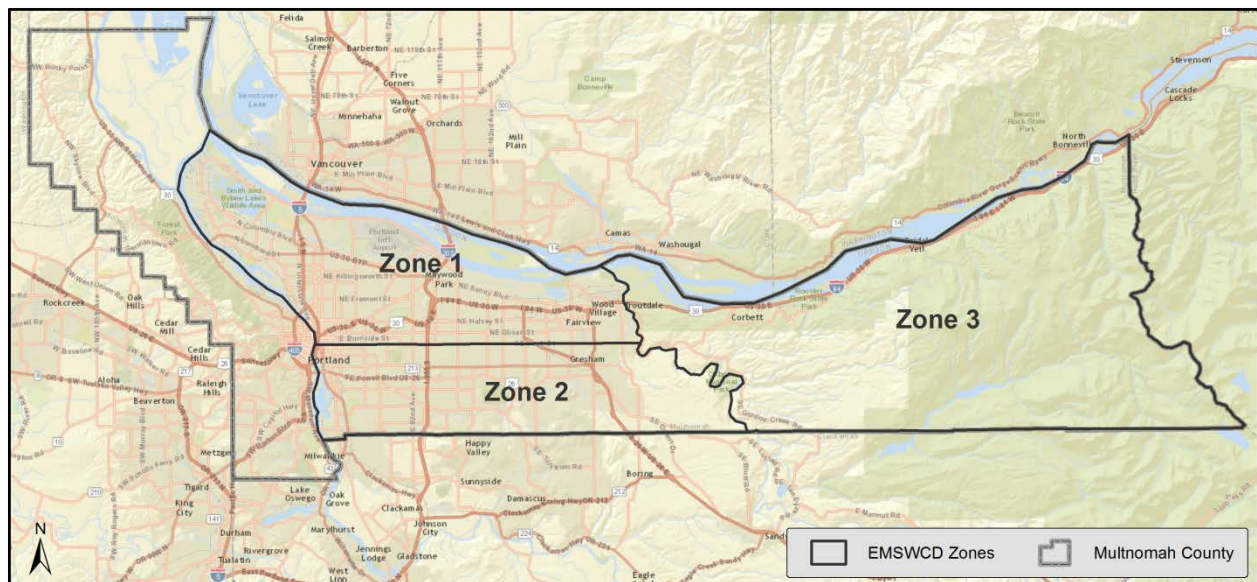
EMSWCD Board			EMSWCD Committees					
Members	Positions	Officers	Budget	Land Legacy	Personnel	Grants	PIC Review	SPACE Review
Bob Sallinger	Zone 1 Director	Treasurer	Chair	Co-chair		X	X	
Laura Masterson	Zone 2 Director		X	Co-chair	X			
Mike Guebert	Zone 3 Director	Chair	X	X	X			X
Rick Till	At-Large 1 Director	Vice-Chair	X	X		Chair	X	
Nellie McAdams	At-Large 2 Director	Secretary	X	X	Chair	X	X	
Dianna Pope	Director Emeritus		X					
Allison Hensey	Associate Director		X	X				

² The Board meeting in January 2016 was cancelled due to inclement weather.



Meeting Dates								
Year	Month	Board	Budget	Land Legacy	Personnel	Grants	PIC Review	SPACE Review
2015	July	5 th			27 th			Monthly
	August	2 nd		3 rd				
	September	14 th ; 27 th				16 th		
	October	5 th		5 th				
	November	9 th						
	December	7 th		7 th	15 th			
2016	January	cancelled		25 th		19 th		
	February	8 th	8 th				24 th	
	March	7 th	7 th ; 21 st	28 th				
	April	4 th						
	May	2 nd	17 th	23 rd				
	June	6 th	6 th		29 th			

Map 4: District Zones



The Executive Director (ED) is responsible for all EMSWCD operations, including supervising staff, managing budgets, developing long range plans, representing EMSWCD to the public and partners, and providing support to the Board of Directors and staff. Highlights of the ED's work and accomplishments during FY15-16 include:

- Established and launched the Watershed Council Strategic Partnership Agreement.
- Helped attain representation for the Oregon Association of Conservation Districts on the Oregon Governor's work group concerning working lands protection.
- Led the review of and completed revision of the EMSWCD Cooperative Landowner Incentive Program Guidelines.
- Engaged Multnomah County Farm Bureau.
- Revised and improved the EMSWCD internal Performance Review Process.



4.0 Finance and Operations

The Finance and Operations unit consisted of four FTEs (full-time-equivalents), including the Chief of Finance and Operations (CFO), Office Manager, Facilities Manager, and Marketing and Media Manager. The operating and capital budget for Finance and Operations during FY15-16 was \$628,406. Contractual services were used for legal, bookkeeping and auditing purposes. The Finance and Operations unit oversaw administrative functions that cut across all EMSWCD activities and areas of operation, including budgeting and accounting, contracting, office management, human resources, information technology, facilities management, and marketing and media.

A narrative summary of major accomplishments for the Finance and Operations unit is provided below while details relative to the FY15-16 Work Plan are provided in Appendix 3. The FY15-16 Work Plan identified 17 specific activities related to Finance and Operations, of which 12 (or 71%) were completed, and five (or 29%) had substantive progress made but were not completed as planned but are likely to be completed soon.

4.1 Financial Management and Budgeting

In November 2004, a permanent property tax rate limit for the EMSWCD was approved by the voters of the district. The property tax rate limit was set at 10 cents per \$1,000 of assessed property value. The property tax generated \$4.3 million in revenues during FY15-16. While beginning balances (i.e., carry-over funds, including capital funds and reserves) from previous fiscal years represented the largest source of EMSWCD funding for FY15-16 at \$7.5 million (see Table 4 and Figure 1), revenues from property taxes represented the largest source of new funding for FY15-16, accounting for 95% of total new funding sources.

The total EMSWCD budget for FY15-16 was \$12.2 million (see Table 5 and Figure 2). Of this, the total amount allocated for program expenditures in FY15-16 was \$10.5 million. The Conservation Legacy Programmatic unit had the largest program budget at \$8,112,803, as this included funding for land purchases and grants to external agencies.

The budgeting process for the next fiscal year, FY16-17, was initiated in February 2016 and was managed by the CFO, who also acted as the EMSWCD's Budget Officer. The EMSWCD established a Budget Committee, held public meetings for the review of the upcoming year's budget and held a public budget hearing through the Multnomah County Tax Supervising and Conservation Commission (TSCC). In keeping with Oregon Local Budget Law for a district with a population of over 200,000, the EMSWCD Board of Directors served as the Budget Committee.

Significant accomplishments in FY15-16 included:

- Completing the FY14-15 financial audit;
- Managing FY15-16 finances to stay within budget limits and meet all legal requirements;
- Managing the FY16-17 budget process to create a balanced budget that met with the approval of Budget Committee and the TSCC; and
- Reviewing and updating fiscal policies and procedures.

Appendix 2 provides a draft, unaudited summary statement regarding the EMSWCD's revenues, expenditures and changes in fund balances for FY15-16. The comprehensive FY15-16 financial statements and respective notes can be accessed at the EMSWCD's office or online at: www.emswcd.org. A final financial audit for FY15-16 is expected to be available in November 2016.



Table 4: FY15-16 Budgeted vs. Actual Revenues

Line	Source	Purpose	FY15-16 Budgeted	FY15-16 Actual	Variance
1	Beginning balances	General Fund carry-over from FY14-15	\$2,554,750	\$2,338,165	(\$216,585)
2		Conservation Fund carry-over from FY14-15	\$4,175,095	\$4,177,282	\$2,187
3		Projects & Cost Share Fund carry-over from FY14-15	\$775,000	\$1,030,790	\$255,790
4	Property taxes	FY15-16 Property taxes	\$4,220,591	\$4,337,422	\$116,831
5	Grants	ODA Administrative Grant	\$21,774	\$21,774	\$0
6		ODA Focus Area Funding	\$50,900	\$50,900	\$0
7		Partner Grants pass through	\$25,000	\$0	(\$25,000)
8	Income	Events: Native Plant Sale	\$47,200	\$26,931	(\$20,269)
9		Oxbow Farm lease payments	\$39,876	\$42,694	\$2,818
10		Miscellaneous	\$12,000	\$3,277	(\$8,723)
11	Interest	General Fund interest on bank/investment accounts	\$9,000	\$17,210	\$8,210
12		Conservation Fund interest	\$21,000	\$28,439	\$7,439
13		Projects & Grants Fund interest	\$6,000	\$10,341	\$4,341
	Total		\$11,958,186	\$12,228,018	\$127,039

Special notes for Table 4 above:

- Line #1, Actual General Fund carry-over of approximately \$2.3M, includes intentionally unspent contingency funds and unappropriated funds, the latter of which is held in reserve for the following fiscal year until tax revenues are received.
- Lines #2 and #3, Conservation Fund and Projects & Cost Share Fund carry-overs of approximately \$5.2M, are intentional, with the former constituting acquisition funds for future land protection efforts and the latter constituting committed grant funding for external entities.

Figure 1: FY14-15 Budgeted vs. Actual Revenues

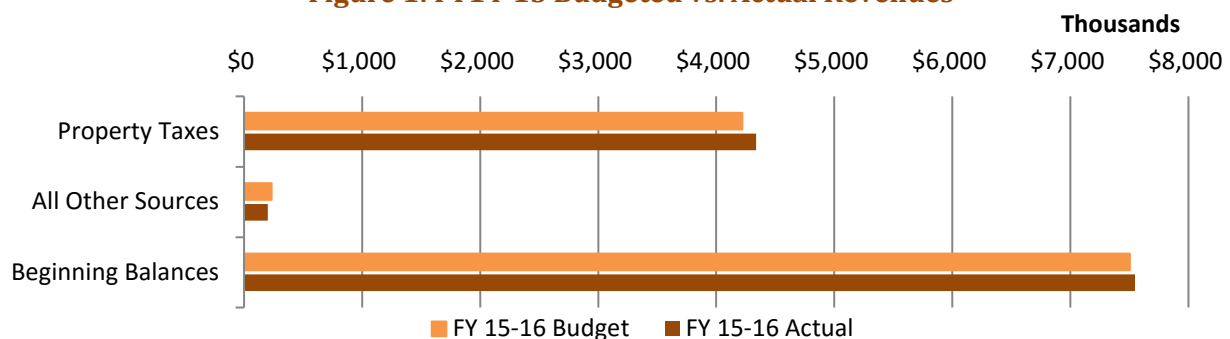




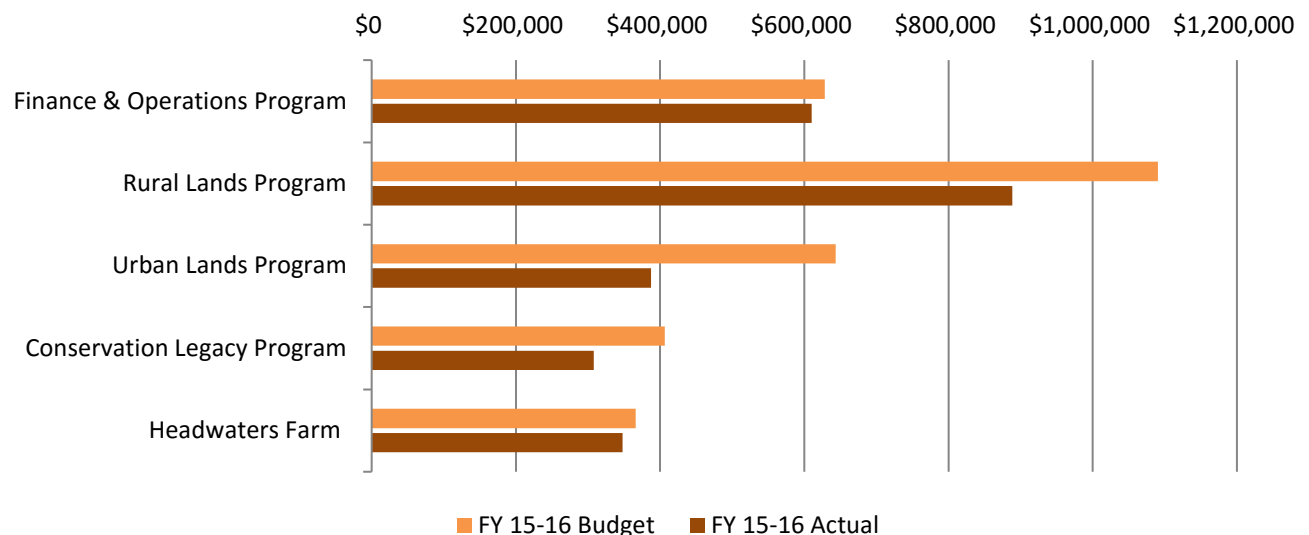
Table 5: FY14-15 Budgeted vs. Actual Expenditures

Category		Purpose	FY 2015-16		
			Total Annual Budget	Actual Expended	% of Budget Expended
Operations	Finance & Operations	Staffing, facilities, and operations	\$ 628,406	\$610,249	97%
	Rural Lands	Staffing, contracting, and operations	\$ 1,090,592	\$888,535	81%
	Urban Lands	Staffing, contracting and operations	\$ 643,438	\$387,600	60%
	Conservation Legacy	Staffing and operations	\$ 406,749	\$308,116	76%
	• Headwaters Farm	Farm-specific staff and operations	\$ 366,054	\$347,829	95%
Sub-total Operations			\$ 3,135,239	\$2,542,329	81%
Capital, Grants, and Contingency/Unappropriated	Land Conservation Fund	Acquisitions	\$ 5,412,500	\$11,000	0.2%
	Grants	External grants	\$ 1,902,500	\$1,069,518	56%
	Partner Grants Mgt.	Pass through funds	\$ 25,000	-	0%
	Contingency Funds	Unanticipated costs	\$ 328,265	-	0%
	Unappropriated Funds	Funds held in reserve	\$ 1,404,682	-	0%
Sub-total Grants, Funds and Reserves			\$ 9,072,947	\$1,080,518	12%
Total EMSWCD Budget			\$ 12,208,186	\$3,622,847	30%

Special notes for Table 5 above:

- Operations, with a combined total percentage of budget expended of 81%, represents unintended unspent funds. This is accounted for in part by staff vacancies in Rural Lands and unutilized contracting funds in Rural Lands, Urban Lands and Conservation Legacy.
- Land Conservation Fund and Grants, with a combined total percentage of budget expended of 15%, are intentional carry-over funds, with the former constituting capital funds for future land protection efforts and the latter constituting committed grant funding for external entities.

Figure 2: FY15-16 Budgeted vs. Actual Operations Expenditures





4.2 Office Management

Throughout FY15-16, office operations of the EMSWCD were carried out by the Office Manager who served multiple roles in the following areas:

- Customer service: Acted as the face and voice of EMSWCD in performing front office reception and responding to public information requests.
- Administration and records: Organized current and historical records in accordance with state law and retention schedules.
- Human resources: Assisted with recruitment and on-boarding of new staff.
- Boards and committees: Served as Clerk for the Board of Directors, preparing for, coordinating and hosting all board and committee meetings.

Significant accomplishments in FY15-16 included:

- Researching and implementing a new employee health insurance benefit package.
- Coordinating the purchase of a new multi-purpose copier; projected to save the district several thousand dollars in printing costs over the term of the lease.
- Recruiting and onboarding 6 staff positions.
- Sourcing and procurement of branded gear for use by EMSWCD staff.
- Coordinating the FY14/15 Annual Meeting at Headwaters Farm.

4.3 Facilities Management

During FY15-16, a Facilities Manager was responsible for the maintenance, repair and improvements of EMSWCD owned and managed facilities, infrastructure, and equipment. The major facilities owned and managed by EMSWCD included: 1) the headquarters office located N. Williams Avenue in Portland, Oregon; 2) the Headwaters Farm located on Orient Drive near Gresham, Oregon; and 3) the Oxbow Farm located east of Gresham, in unincorporated Multnomah County.

Significant accomplishments in FY15-16 included:

- Researching, soliciting proposals for, and engaging a contractor to perform major maintenance and improvements to the N. Williams headquarters, including: repainting and refinishing the front porch and floor, installing wall dividers in the board room, repairing and refinishing flooring in the board room, building a new entrance and landing to the board room, and re-opening the staircase to the basement, and working with contractors to overhaul and repair the irrigation at the headquarters office.
- Assisting the Headwaters Farm Program Manager with major infrastructure and maintenance projects which resulted in increased efficiency and ease of farm operations, including: installing floor drain system in propagation house, installing various erosion control measures throughout the farm, designing and installing work bench and pallet racking in main barn, installing additional wash tables, root washer and bin washing station, building new irrigation risers to accept lower flow rate regulators, and installing new walk-in cooler system.

4.4 Marketing, Media, and Information Technology

Marketing and media met the day-to-day needs of EMSWCD programs through efforts such as: web site development and maintenance, newspaper and other print advertisements, brochures and other EMSWCD publications, direct mailers, and one-on-one contacts/interviews. Marketing and media efforts were largely carried out by the Marketing and Media Manager and helped further EMSWCD's strategic and program-specific goals by increasing public awareness and perception of EMSWCD and the natural resources within its boundaries. The Marketing and Media Manager is also responsible for managing the information technology service contract that supports the technology needs of the organization.



Significant accomplishments for FY15-16 include:

- Developing new templates to allow outreach and other staff to quickly develop draft brochures and event display posters; working with Urban Lands staff to develop and refine five new brochures.
- Growing social media outreach through Facebook and Twitter, with an 85% annual growth in the Facebook fan base and a new Twitter profile which grew to over 200 followers and helped draw participation in the annual meeting, plant sale, Farm Succession workshop and Urban Lands workshops.
- Reorganized sections of the website and modified the website navigation for a more mobile-friendly interface and fresher look on all devices; added new content and galleries to the website.
- Added three time-lapse cameras to areas of Headwaters Farm to document and highlight long-term changes to the farm and the Dianna Pope Natural Area.

5.0 Rural Lands

The Rural Lands Program, with seven FTEs, operated with a total budget of \$1,090,592 for FY15-16. The program provided technical information, capacity, and financial assistance to help landowners protect natural resources on their land. The work was divided into three areas:

1. Rural water quality improvement;
2. Riparian re-vegetation (aka StreamCare); and
3. Invasive weed control.

5.1 Rural Water Quality Improvement

EMSWCD's rural water quality-related efforts focus on providing consultations to rural landowners, outreach and engagement, and monitoring water quality in two streams. Throughout FY15-16, one FTE focused on landowner consultations while another was dedicated to outreach. An additional staff member completed water quality monitoring one day each month. In addition to EMSWCD's property tax levy, this work was partially funded by the Oregon Department of Agriculture (ODA).

A narrative summary of major accomplishments related to Rural Water Quality Improvement is provided below while details relative to the FY15-16 Work Plan are provided in Appendix 4. The FY15-16 Work Plan identified 17 specific activities related to Rural Water Quality Improvement, of which 10 (or 59%) were completed, seven (or 41%) are still in progress or were not completed to the planned target numbers. The incompleteness of planned activities is attributed to the Senior Conservationist position which was vacant for most of FY15-16; the position was filled in March 2016.

5.1.1 Landowner Consultations and Outreach

During FY15-16, the EMSWCD continued its work with rural landowners to help them protect natural resources on their property, with a focus on water quality. Landowners found out about EMSWCD services through word of mouth, direct mailings, advertisements, and outreach events like the Northwest Ag Show and the Oregon Association of Nursery's Far West show. Some landowners contacted the EMSWCD with questions by phone or email. Others preferred to have staff visit their property to identify site-specific conservation opportunities. This has a public benefit, as well as a private benefit to the landowner, because staff can look at a landowner's site and assess potential onsite and offsite impacts to natural resources. The regulations for agricultural water quality can also be explained, with a solution-oriented focus since the EMSWCD is non-regulatory. In addition to the direct assistance described above, staff also assist the Natural Resource Division of ODA with the biennial reviews of the Agricultural Water Quality Plans and Rules.



Outreach to promote conservation and EMSWCD services in rural areas increased during the second half of FY15-16 due to the addition of a full time outreach position. Work included the promotion of the NRCS Local Working Group meeting at the Columbia Grange, promotion of a Farm Succession workshop, partnering with other SWCDs on a booth at the Northwest Ag Show, and re-launching workshops starting with the always popular topic of native plants. In addition, a market research firm was contracted to help staff better understand the behaviors, values and needs of nursery land owners and land managers when it comes to soil conservation. The collected information will be used to identify methods, messages and communication channels that will be most favorable and effective to motivate this group to install conservation practices to prevent soil erosion.

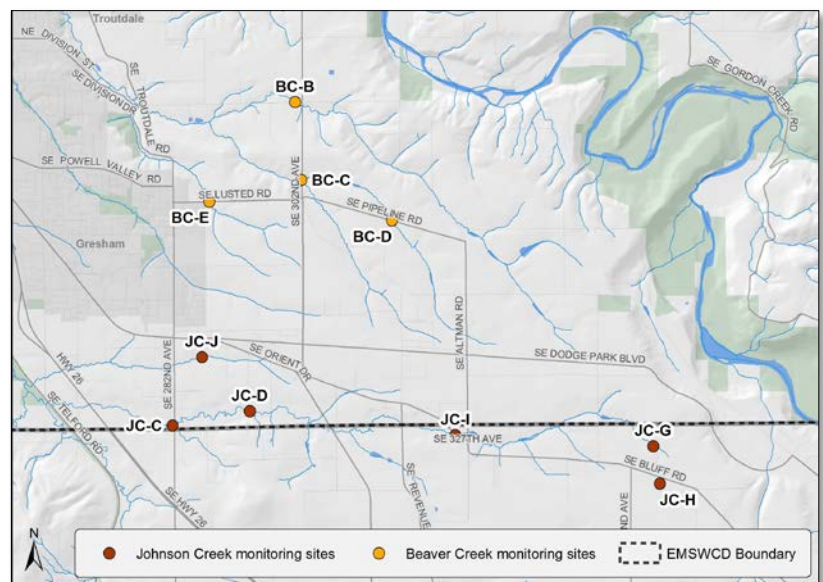
The number of landowners assisted, site visits conducted, and conservation practices installed during FY15-16 was much lower than usual because the staff position responsible for this work was vacant until late in the third quarter. This also delayed work with horse and livestock owners in the ODA Focus Area within the district. Other Rural Lands staff conducted four site visits during the first three quarters of the fiscal year, one of which resulted in cost share funding totaling \$1,322 for the installation of drip irrigation. During the fourth quarter, EMSWCD's new Senior Conservationist conducted 10 site visits.

Staff also worked with the ODA to complete the biennial review of the Lower Willamette Agricultural Water Quality Plan. This included presenting a summary of EMSWCD's monitoring data, the on-the-ground work, and creating measurable objectives for the next two years.

5.1.2 Monitoring

EMSWCD rural lands staff collected monthly water quality samples at six sites in upper Johnson Creek, a tributary to the Willamette River, and at four sites in Beaver Creek, a tributary to the Sandy River (see Map 5). The data are collected to establish a baseline and determine water quality trends over time. Samples were analyzed for turbidity, pH, *E. coli* bacteria, nitrate, phosphorus, and total suspended sediment; the last four analyses were done by a laboratory. Continuous temperature loggers were installed at two sites in each watershed to collect data between May and October of 2016. Continuous temperature loggers were also installed for the first time in the Big and Smith Creek Watersheds in 2016. Two loggers were deployed in Smith Creek and four were deployed in Big Creek.

Map 5: Water Quality Monitoring Locations



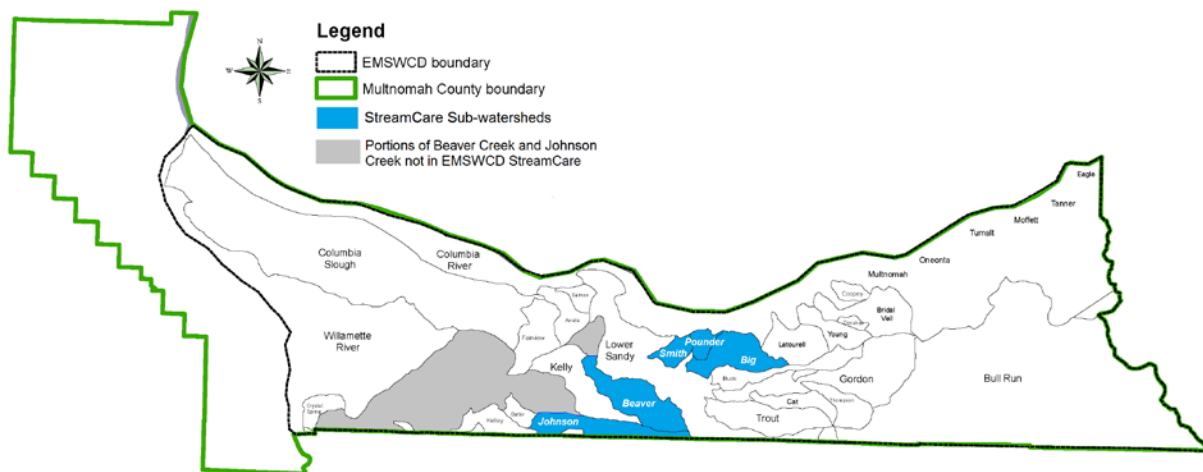
This is the fifth year of monitoring in Johnson Creek and the fourth year of monitoring in Beaver Creek. EMSWCD's monitoring has confirmed that neither Beaver nor Johnson Creek meet state water quality standards for temperature and bacteria. Johnson Creek is also listed as not meeting the water quality standard for toxics, with total suspended solids used as a surrogate measure. While EMSWCD's monitoring data confirm that there are exceedances of the total suspended solids standard in Johnson Creek, the data are variable and a correlation with weather events has not been established.



5.2 StreamCare

The EMSWCD's StreamCare Program offers five-year agreements to willing landowners under which riparian buffers are restored and maintained by EMSWCD, at no cost to the landowners. A narrative summary of major accomplishments related to StreamCare is provided below while details relative to the FY15-16 Work Plan are provided in Appendix 5. The FY15-16 Work Plan identified 15 specific activities related to StreamCare. Eight (or 47%) were completed, two (or 14%) were still in progress, and six (or 40%) were not completed as planned. Of the six activities not completed, three (or 20%) were intentionally delayed. StreamCare efforts have established native tree and shrub stands along 25 miles of EMSWCD waterways. StreamCare has been implemented in four sub-watersheds: Johnson, Beaver, Big/Pounder, and Smith Creek (see Map 6). The selection of these four areas was based on water temperature problems and a lack of riparian cover.

Map 6: StreamCare Sub-Watersheds



Beyond its primary goal to lower summer stream temperatures, StreamCare work contributes to wildlife habitat, improves additional water quality measures, and has helped build relationships with landowners. Because the majority of enrolled StreamCare sites have been planted and are in maintenance mode, the number of crew days needed for maintenance of this acreage can be estimated and this allows staff to estimate the number of new acres that can be added in a season. Staff had planned to do mailings and door-to-door outreach to reach the program goal for new acreage, but this proved to be unnecessary thanks to a well-timed Facebook post by a very satisfied landowner. At the end of FY15-16 there were 133 sites enrolled in the StreamCare program. Table 5 provides a summary of the sites, miles and acreage affected by StreamCare in FY15-16 and since the start of the program.

Table 5: StreamCare Sites Summary

StreamCare Results	FY15-16	Total all years
Sites prepared and planted	10 sites	185 sites *
Area of sites	7 acres	683 acres
Stream miles of sites	0.35 miles	25 miles
Native trees & shrubs planted on sites	64,365	432,978
Sites graduated	16	41
Sites cancelled	1	11
* includes all currently enrolled as well as graduated and cancelled sites.		



As the current five-year StreamCare agreements end, Rural Lands staff are looking at extending some of the agreements where the weeds are still inhibiting tree growth (i.e., the trees are not 'free to grow'). Six site agreements were extended within FY15-16. For sites that are ready to graduate from the StreamCare program, program staff are meeting one-on-one with each landowner. Staff walk their site with them, answer any questions they may have and discuss with them what to expect from the site as it matures. In addition, Landowners are provided with a list of the species planted as well as plant identification guide. In addition, graduating landowners are also sent a survey about their experience with the StreamCare program. The results of this survey were overwhelmingly positive.

5.2.1 Dianna Pope Natural Area

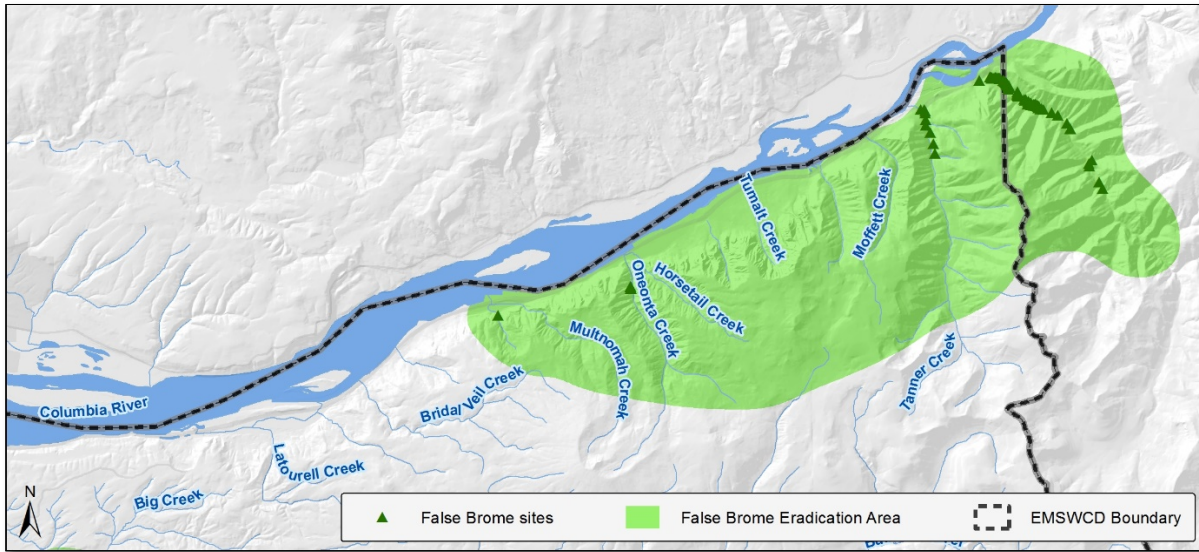
One StreamCare site is located on the Headwaters Farm (see Section 7.1), which is a property that EMSWCD owns. The restoration of this site was initiated shortly after EMSWCD acquired the property in 2011. In FY14-15, this 14-acre StreamCare site was designated as the Dianna Pope Natural Area (DPNA) in recognition of Dianna Pope's 30-plus years of service on the EMSWCD's Board. In FY15-16, maintenance was conducted within the entire DPNA, plants were installed in the final one acre that was not yet planted, and infill planting, largely focused on shrub installation, was conducted. A plaque identifying the area as the DPNA and a bench were also put in place. A dedication ceremony with Diana Pope was held in conjunction with the EMSWCD annual meeting in September 2015 which was held at Headwaters Farm. Rural Lands staff completed the second draft of a 5-year site management plan for the DPNA, which is planned to be finalized in FY16-17.

5.3 Weed Control

Throughout FY15-16, the EMSWCD continued to reduce populations of invasive weeds in the Sandy River Basin and the Columbia River Gorge National Scenic Area. A narrative summary of major accomplishments related to weed control is provided below while details relative to the FY15-16 Work Plan are provided in Appendix 6. The FY15-16 Work Plan identified 20 specific activities related to weed control, of which 19 (or 95%) were completed and one activity (or 5%) was not completed. The primary weed species targeted for eradication included false brome, knotweed, English ivy, old man's beard, and garlic mustard. These species were chosen because they: 1) are able to invade the undisturbed understory of native forest; 2) cannot be controlled manually; 3) inhibit new tree recruitment; and/or 4) threaten the survival of established trees.

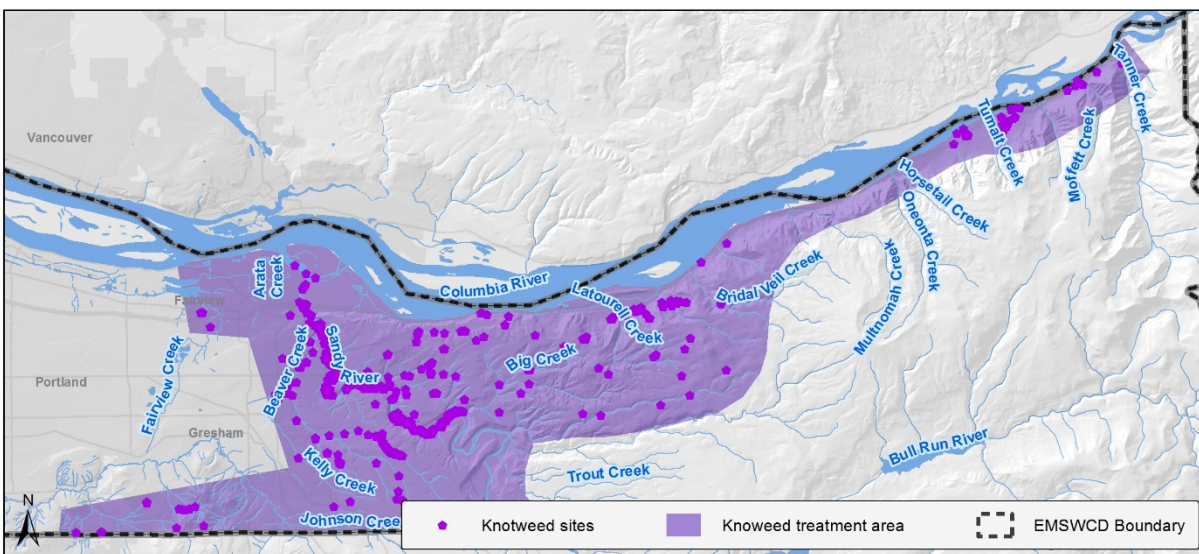
False brome is known to exist in four locations in the Columbia River Gorge; along Eagle Creek, Tanner Creek, Oneonta Trail, and Wahkeena Trail (see Map 7). In addition, staff verified a report of false brome in the Gordon Creek watershed. The limiting factor in controlling false brome in the Gorge is the steep terrain and unstable slopes. In the three drainages where eradication is hopeful, the majority of the infestation occurs near trails. In FY15-16 staff surveyed an additional 72 gross acres, 10 miles of trail, and 6 stream miles for false brome infestations. A total area of 893 square feet was treated.

Map 7: False Brome Eradication Area



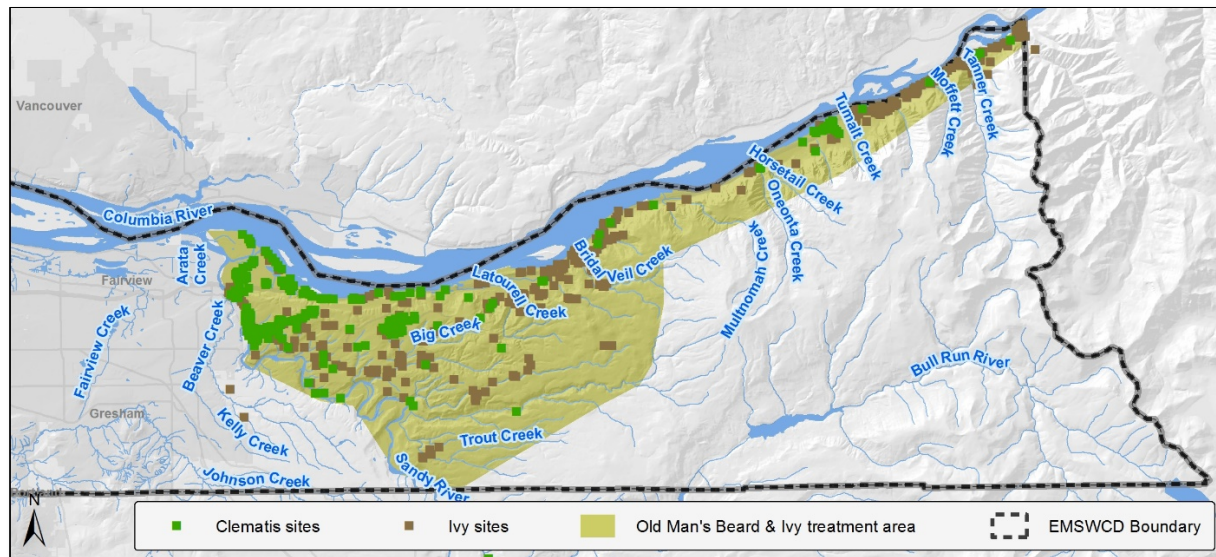
Knotweed survey and control work included re-visiting sites on the main stem of the Sandy River and in the Beaver Creek watershed. Previously treated sites along six river miles were surveyed and only 689 square feet required treatment (see Map 8). Many of the sites had no visible growth. While it is hoped that knotweed does not re-grow on these sites, staff will continue to monitor these sites to ensure it does not. Additional surveys led to the discovery of a 0.6-acre infestation which was then treated.

Map 8: Knotweed Survey Area



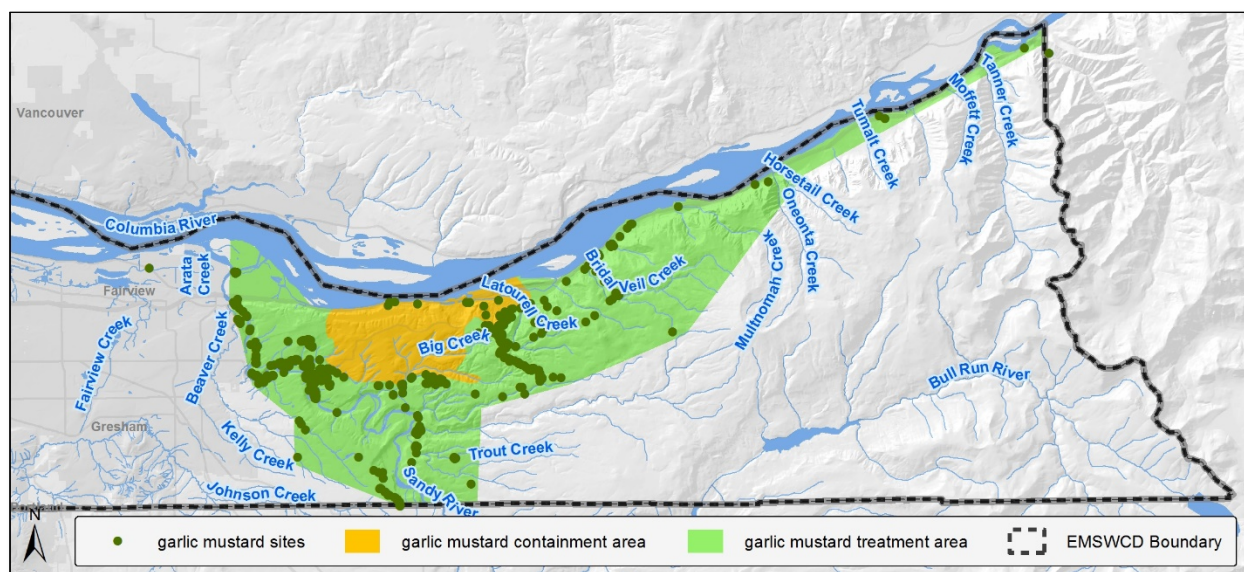
Work to reduce the populations of *Clematis vitalba* (old man's beard) and *Hedera helix* (Ivy) on both private and public land in the Columbia River Gorge continued throughout FY15-16 (see Map 9). An area of 423 acres was surveyed, leading to the control of 31 net acres across a gross area of 296 acres. Both species climb and have a negative impact on trees due to both the weight of the vines and the competition for light.

Map 9: Old Man's Beard and Ivy Treatment Area



The garlic mustard project focuses on preventing spread from the containment area to new locations. A net area of 2.65 acres of garlic mustard was treated across 214 acres on 241 properties (see Map 10). Garlic mustard is rarely found in new locations outside of the containment zone and our objective of annually eliminating all known reproductive plants outside of the containment zone is being achieved. Some complicating factors remain that require us to continue annual treatments. Although satellite patches are not increasing in size, they are not yet decreasing in gross patch size or cover even after eight years of treatments. We believe we have not seen a reduction because garlic mustard seed remains viable for more than five years in our climate and many satellite patches grew unaddressed for a number of years before our containment project began.

Map 10: Garlic Mustard Containment Area





6.0 Urban Lands

The EMSWCD's Urban Lands staff work primarily within the cities of Portland, Gresham, Fairview, and Troutdale (i.e., within the Urban Growth Boundary). During FY15-16, the Urban Lands staff consisted of four FTEs and operated with a budget of \$643,438. The staff seek to foster a stewardship ethic in the urban landscape by encouraging a lifestyle that folds pollution prevention and resource conservation into everyday life. With over 600,000 urban dwellers residing within EMSWCD's service area, program efforts help individuals make a difference by introducing them to the benefits of incorporating green practices into landscape development and management. The program works primarily at the neighborhood level to give people the information, skills, and confidence needed to take action. This is achieved through the creation of workshops and presentations, educational posters and brochures, information-sharing events such as an annual native plant sale and Naturescaped Yard Tour, and demonstration projects. At the EMSWCD headquarters office, (the "Conservation Corner") there are number of green infrastructure demonstrations that the public can explore to get ideas for their own properties. Group tours can also be scheduled when groups want to receive more in-depth knowledge of the demonstrations.

A narrative summary of major accomplishments related to Urban Lands activities is provided in Sections 6.1 - 6.9 while details relative to the FY15-16 Work Plan are provided in Appendix 7. The FY15-16 Work Plan identified 31 specific activities related to Urban Lands, of which 21 (or 68%) were completed, one (or 3%) was in progress with success is likely in future, and nine activities (or 29%) were not completed. The 29% incompletion rate was attributed in part to a mid-year reprioritization of methods used to reach out to the public in regards to water conservation. The decision was made to not create and offer workshops for these specialized niches within water conservation. Instead, program staff are working with partner groups to build this knowledge within the community and to become a source of knowledge via the EMSWCD webpage, thus avoiding the substantial initial input and resources that providing workshops entails.

Table 6 provides summary public participation numbers for presentations, workshops and events related to Urban Lands activities. In total, 83 separate presentations, sales, tours, and workshops were held that resulted in over 30,000 possible public contacts.

Table 6: Summary of Public Participation in Urban Lands Activities

Presentations/Workshops/Events		# Held	# Attendees
General	Conservation Corner Tours	6	200
	Outreach Presentations	3	96
	Tabling at Partner Events	18	28,184
Events	Annual Native Plant Sale	1	760 orders
	Annual Naturescaped Yards Tour (8 yards)	1	385
	Landscape Professionals	1	20
	Native Plants Workshops	14	312
	Intro. to Naturescaping presentations	4	120
	Naturescaping Workshops	11	269
	Intro. to Pollinators presentation	1	10
	Intro. to Rain Gardens presentations	3	51
	Rain Gardens Workshops	11	226
	Urban Weeds Workshops	9	170
TOTAL		83	30,803



In December 2014, the EMSWCD conducted a multi-day strategic planning workshop to assess program work and refine the approach and methods for conservation. At that time a decision was made to reallocate some Urban Lands resources away from workshops and toward the scoping and development of long-term partnerships and on-the-ground transformative demonstration projects. These large, multi-partner projects however take time to initiate. As a result, the number of workshops has not necessarily declined, and in some cases has increased due to a restructuring of the workshop curriculum (please see “Workshop Diversification” below).

6.1 Reaching New Audiences

Urban Lands staff are always looking for new ways to reach audiences that, for one reason or another have not been made aware of EMSWCD’s many services, or aren’t sure what EMSWCD can do for them.

Outreach Plan: In an effort to strategize outreach to new communities, staff created an Outreach Plan. The plan captures outreach strategies, prioritized geographical areas, and community contacts. This working plan will continue to help ensure that Urban Lands staff are strategically expanding services throughout the district. In FY15-16, staff met with 14 new community groups and organizations in an effort to identify opportunities and areas of possible collaboration.

Demographic Data: To gauge the effectiveness at reaching out to new populations, the program began tracking demographic data in the fall of 2012 and have begun to establish a baseline from which to track and measure the program’s efforts.

Workshop Diversification: Urban Lands began to experiment with the variety of workshops provided, specifically in regards to length (2 hours instead of 4 hours), locations (actively promoting workshops east of 82nd avenue), and timing (throughout the week and in the evening rather than strictly on weekends). It is hoped that with these added variations, EMSWCD services are accessible to more of the district’s constituents.

High-leverage constituents: In line with EMSWCD strategic goals, the program continues to strive to offer more opportunities that engage landscape professionals and other high-leverage constituents such as managers of campuses and industrial properties. This is done primarily through focused (often hands-on) workshops and by offering Continuing Education Credits/Units (CEC/CEU’s).

6.2 Naturescaping

Throughout FY15-16, the Urban Lands team promoted naturescaping by providing free workshops and hosting the annual Naturescaped Yard Tour.

6.1.1 Naturescaping Workshops

During FY15-16, the following workshops were provided related to naturescaping:

- Introduction to Naturescaping: 7 presentations, 120 people; and
- Naturescaping Basics: 11 workshops, 269 people.

Although a decision was made at the 2014 strategic planning session to reduce the number of 4-hour workshops offered so staff could focus more time toward developing on-the-ground demonstration projects, only three fewer Naturescaping Basics workshops were offered this year compared with last year while the number of attendees exceeded the total for FY14-15 (14 workshops and 243 attendees).



6.1.2 Naturescaped Yard Tour

The Naturescaped Yard Tour is a great opportunity for the public to visit private yards that feature a multitude of conservation practices, learn tips and tricks from the landowners, and be inspired by the variety of different naturescaping features. This year the tour featured eight yards, 40 volunteers, and attracted 385 visitors. New for this year, the tour included two grantee project sites, that were established with support from funds through the EMSWCD grants Program.

6.3 Rain Gardens & Stormwater Management

The Urban Lands Program has developed a variety of methods to support and teach homeowners how to use rain gardens and other techniques to manage stormwater runoff on their property. These include presentations, workshops, technical assistance and incentives.

6.3.1 Rain Garden Workshops and Presentations

During FY15-16, the following workshops and presentations were provided related to rain gardens:

- Introduction to Rain Gardens: 3 presentations to 51 people; and
- Rain Gardens 101: 11 workshops for 226 people.

Although a decision was made to reduce the number of 4-hour workshops offered, staff did not end up cutting the number of Rain Garden workshops at all this year, and served even more people than last year (11 workshops to 226 people, compared to 11 workshops to 162 people in FY14-15).

6.3.2 Rain Garden Incentives

“Rain Garden at Work” Signs: In addition to rain garden classes, staff created a way for homeowners to communicate to their neighbors and community what they are doing for clean water in the region. The rain garden registration allows people to register their rain garden on EMSWCD’s website and share lessons-learned from their personal rain garden installation experience. This information, which is posted on EMSWCD’s website, offers an opportunity for prospective rain garden owners to learn from their peers and receive a bit of encouragement from their neighbors. After homeowners register, they receive a rain garden sign they can install in their rain garden. This helps promote rain gardens in the surrounding neighborhood; people walking by have the opportunity to see a rain garden in action, and the sign directs them to EMSWCD’s website for more information. Additionally, this registry also helps us know how many rain gardens exist. Sixteen rain gardens were registered in FY15-16; a total of 101 rain gardens have been registered since registration began in 2008.

Financial Incentives: Implementation of rain garden financial incentives in the City of Gresham was continued in FY15-16. Modeled after similar projects throughout the region and the United States, the financial incentive program is meant to increase exposure, awareness, and interest in rain gardens within areas where, despite the ease and low-cost, techniques like these have been slow to gain popularity. Under this initiative, residents who live in the City of Gresham and whose soils are suitable for a rain garden can build a rain garden and receive a \$200 payment from EMSWCD. EMSWCD provides technical assistance and a site visit to guide the homeowner through the financial incentive requirements. Once the rain garden has been built, staff conducts a final site visit to ensure the project has been built safely and that it meets the City of Gresham’s rain garden and downspout disconnect guidelines. Staff are also exploring the possibility of expanding this incentive to additional jurisdictions on the eastern edge of EMSWCD’s urban sector. In FY15-16, five homeowners received a \$200 reimbursement.



6.3.3 Stormwater and Drainage Technical Assistance

Urban Lands staff provided 54 stormwater and/or drainage related technical consultations to EMSWCD residents during FY15-16.

6.4 Water Conservation

With hotter and drier summers in the Pacific Northwest, more homeowners are irrigating their landscapes. This increased irrigation can create additional stress on drinking water supplies. To help conserve water resources, the EMSWCD employs a variety of workshops (as described throughout Section 6) to encourage homeowners to let their lawn go brown in the summer, plant native and other drought tolerant plants in their yards, and if they are going to irrigate, reserve that water for food crops that require summer water. EMSWCD also encourages the installation of greywater irrigation systems to reuse some of their indoor water out in the landscape.

6.4.1 Water Conservation Technical Assistance

Urban lands staff provided nine water conservation consultations. These consultations involve planting and mulch/soil recommendations as well as some irrigation assistance.

6.4.2 Greywater Education

Greywater use is a relatively new concept in the Pacific Northwest. In years past, EMSWCD hosted several workshops on the topic in collaboration with the Oregon Department of Environmental Quality. The workshop described the concept (utilizing greywater in the landscape) and then walked people through the greywater application process. However, due to the loss of a community presenter, staff made the decision to provide information through technical assistance and web-based information and to encourage interested local community groups to spearhead this specialized niche. In FY15-16, initial efforts were undertaken to organize a greywater professionals working group that would help educate installers, vendors, and municipal officials of greywater projects. This year, two community groups stepped up and with support from an EMSWCD SPACE grant, Depave and Recode will host two greywater workshops in early FY16-17.

6.5 Native Plants

Native plants are adapted to local soils and climate and require very little water and maintenance once established. They are less susceptible to common garden pests and diseases and they attract a variety of wildlife. Native plants support critical habitats for local wildlife by providing food and shelter. The Urban Lands team promoted the use of native plants through free workshops, an annual native plant sale, and by partnering on the development of an online native plant selection tool.

6.5.1 Native Plant Workshops

During FY15-16, EMSWCD added a large number of native plant workshops to the existing curriculum. The native plant workshops taught residents the benefits of native plants and gave an introduction to native plant identification and maintenance techniques. EMSWCD worked closely with community partners and contracted presenters to provide 14 native plant workshops for 312 people. These were typically held on weekday evenings.

6.5.2 Native Plant Sale

EMSWCD's native plant sale is unique within the region in that it focuses, almost exclusively on bare-root plants, ensuring customers receive quality plant stock at very inexpensive prices. This year EMSWCD made the difficult decision to focus strictly on bare root trees and shrubs, while foregoing the



sale of ground covers. Ground covers imposed a substantial burden on staff and volunteers leading up to the sale. Additionally, most nurseries sell those same ground covers for a very similar cost. So it was decided that there was little need to provide those at the annual sale. During the January-February 2016 native plant sale, 73 volunteers were engaged, and over 10,000 native plants went to 760 customers. The sale generated \$26,931 in revenue.

6.5.3 Web-based Native Plants Selection Tool

In partnership with members of the Adult Conservation Education (ACE) collaborative (which includes several soil and water conservation districts, Metro, Clean water Services, City of Portland, City of Gresham, Backyard Habitat Certification Program and others) Urban Lands staff worked to create a mobile-friendly, visually appealing, in-depth native plants database. In FY15-16, work was done to refine the data being entered into the tool and work began on the initial design aspects of the site. Next fiscal year partners will develop the online interface. The website will include features that will help people select the right plant for the right place, create “shopping lists” or planting plans, and show pictures of various views and seasonal variations of plants.

6.6 Urban Weeds

Helping homeowners manage invasive species on their properties without the use of toxic chemicals is a high priority for the Urban Lands program. To this end, presentations and workshops on identification and control of backyard weeds have been developed. Additionally, EMSWCD helped to develop and fund a web-based Integrated Pest Management tool.

6.6.1 Weed Workshops

Urban weeds workshops help homeowners understand how invasive plants affect ecosystem function and how they personally can help minimize the threat of both new and existing invaders. Emphasis is placed on identification, prevention and non-toxic manual control. In FY15-16, the program provided 9 backyard weeds workshops to 170 participants. These were typically held on weekday evenings.

6.6.2 Web-based Integrated Pest Management Tool

Throughout FY15-16, staff continued to work in partnership with the Western Oregon Integrated Pest Management (IPM) Resources Collaborative (which includes Oregon State University Extension, Metro, City of Portland, City of Gresham, Backyard Habitat Certification program and others) to create an online tool to help urban residents, master gardeners, and landscape professionals manage their pests with the best possible methods. In FY15-16, staff attended stakeholder meetings, helped to guide the planning, provided input on needs and design, and contributed \$10,000 in funding for an initial scoping and design considerations.

6.7 Wildlife Habitat

Improving wildlife habitat was one of three priority goals for the Urban Lands Program. To assist homeowners in creating and maintaining wildlife habitat within the urban areas of the district, the program provides technical assistance, and new for next year – the program plans to begin offering workshops on the benefits of insects in the landscape.

6.7.1 Wildlife Habitat technical assistance

This year, Urban Lands staff provided 42 wildlife habitat consultations. These consultations ranged in topic from mulch and planting recommendations to invasive weed control.



6.7.2 Pollinator and Beneficial Insects workshops – Coming next year!

In an effort to educate the public about the numerous beneficial insects of the urban realm, and to discourage the use of toxic insecticides in the landscape, it was decided that new workshop topics were in order. Urban Lands contracted with a local entomologist, who created workshops on both Pollinators and Beneficial Insects that will be presented beginning in the fall of 2016.

6.8 Conservation Corner

The EMSWCD office on N. Williams Avenue in Portland, coined the “Conservation Corner,” is a showcase of sustainable practices in building operations and landscape management. The Conservation Corner provides many working examples of innovative conservation techniques that can be incorporated into a home or business, including an ecoroof, a composting toilet, permeable pavement and paving, naturescaping, rain gardens, and a number of other green infrastructure solutions including an artistic downspout solution. The Urban Lands team guides the development and maintenance of the demonstration aspects of the site and provides tours of the Conservation Corner upon request, while the Facilities Manager coordinates the facility maintenance and upkeep.

6.8.1 New this year at Conservation Corner

In addition to the interpretive signage on-site, to assist tour-goers and users of the property in identifying the numerous native plants growing on-site, staff placed plant labels throughout the demonstration area. Staff also experimented with an edible garden planted in a gutter over-looking the eco-roof, which was unsuccessful.

6.8.2 Community use and tours

Tours and use of the Conservation Corner in FY15-16 included:

- 5 tours to 170 people, including two classes from the Portland Community College;
- Over 735 public visitors during the native plant sale event;
- Numerous community members and groups attended workshops or participated in on-site meetings; and
- The building and its grounds have also become a popular space for partner and community meetings and even for local community members who sit to have a quiet lunch or bring their children to play in the trees and shrubbery.

6.9 Demonstration Projects

This fiscal year marked the beginning of a new direction for the Urban Lands Program – the addition of large-scale, transformative demonstration projects.

6.9.1 Campus Demonstration

This year the Urban Lands Program engaged in a partnership to transform the Mt. Hood Community College (MHCC) campus. Partners include MHCC staff and faculty, the Sandy River Basin Watershed Council, the City of Gresham, Metro, and other community partners. To support this effort, EMSWCD contracted with a consulting firm to perform a needs assessment and produce a prioritized list of green retrofit opportunities. The partnership will be using this prioritized list to engage additional partners and seek additional funding for these transformative projects in the coming years.

6.9.2 Community Demonstration

Staff participated in two separate, but related, community engagement partnerships within the Rockwood-Rosewood area of the district; Making a Visible Difference, and Greening Rockwood.

Making a Visible Difference is an initiative of the U.S. Environmental Protection Agency (EPA) to engage communities and find out what their challenges are in terms of public health and the environment. EMSWCD participated in the initial community meetings, provided insight, and hosted a stakeholder meeting at the EMSWCD office. The Urban Lands team participated in EPA's Equitable Development Workshop that gathered organizations and community members to discuss ways to bring green infrastructure to East County neighborhoods. These meetings helped shape future demonstration project ideas for the Urban Lands team.

Greening Rockwood is a partnership that, to an extent, grew out of the Making a Visible Difference initiative that gathers environmental organizations, agencies and groups together to address green infrastructure needs and concerns within the Rockwood area. EMSWCD is participating in this effort as a partner and potential funder of projects identified that will further EMSWCD's mission.

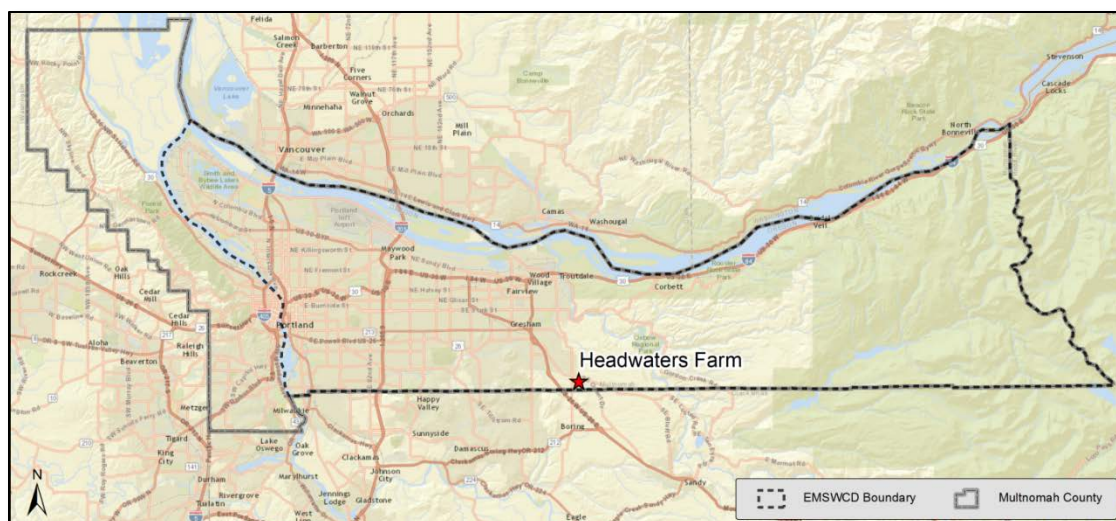
7.0 Conservation Legacy

The EMSWCD's Conservation Legacy team, which consisted of four FTES and an operational budget of \$772,803 in FY15-16, helps other entities, such as conservation and environmentally-oriented public and private organizations, schools and community organizations, and private rural landowners, create a conservation legacy. The Land Legacy Program accomplishes this primarily through land protection efforts while the Grants Program accomplishes this by providing funding to external entities. The Headwaters Incubator Program accomplished this through supporting beginning farmers establish viable farm businesses and be good stewards of land.

7.1 Headwaters Farm and Incubator Program

The EMSWCD's Headwaters Farm is located in the southcentral part of the district, on the outskirts of Gresham, Oregon (see Map 11). During FY15-16, the Headwaters Farm and related Headwaters Incubator Program were staffed primarily by a single FTE, a full-time Headwaters Farm Program Manager, who was assisted by the EMSWCD Facilities Manager (half time). While assisted from time to time by other EMSWCD staff, together, these two positions were responsible for site development and management, the farm incubator program development and management, and any future programming offered through Headwaters Farm.

Map 11: Location of Headwaters Farm





Headwaters Farm is a 60-acre parcel (see Figure 3), of which approximately 30 acres is farmland that is available to incubator farmers. This area is divided into nineteen blocks. There are an additional 14 acres consisting of the Dianna Pope Natural Area which contains the North Fork of Johnson Creek. There is also a two-acre privately owned residential inholding within the farm. The northeast and northwest corners of the 30 rentable acres, approximately seven acres, were kept in cover crops during FY15-16.

Figure 3: Headwaters Farm





During FY15-16, the Headwaters Farm served primarily to house the Headwaters Incubator Program (HIP). HIP helps launch private farm businesses by providing individuals with agricultural experience, affordable access to farmland and agricultural resources, information on best management practices, and connections to the local small-farm community. In overcoming these common barriers to beginning farmers, the EMSWCD is assisting the generational transition in local agriculture, keeping quality farmland in production, promoting conservation agriculture practices and good stewardship of agricultural land.

A narrative summary of major accomplishments for HIP is provided below while details relative to the FY15-16 Work Plan are provided in Appendix 8. The FY15-16 Work Plan identified 8 specific activities related to HIP, of which 7 (or 87.5%) were completed and 1 (or 12.5%) is to be completed in FY16-17.

7.1.1 Program Management

As a result of the EMSWCD Strategic Planning Session in the fall of 2014, the Board of Directors provided direction and clarity for the HIP program by approving a new set of goals:

1. Operate under an approved Farm Management Plan for conservation practices and other improvements while identifying concepts for additional services to reach a broad range of constituents.
2. Operate a thriving, dynamic farm incubator.
3. Increase the visibility and leverage of EMSWCD and USDA-NRCS conservation farming practices through tours and one-on-one interactions with farmers.

These goals became the foundation of a draft Five-Year Headwaters Farm Plan which was produced in FY15-16. The five-year plan was not finalized and approved this year as planned, and will be complete for presentation to the board in FY16-17. Relative to the activities identified in the FY15-16 Work Plan, all basic program management activities were completed, including:

- Budget development and management;
- Farmer's Manual update (document containing all pertinent information relating to HIP that is signed by incubator farmers and serves as a contractual agreement);
- Applicant vetting, interviews, and participant acceptance; and
- New farmer orientation, mid-season check-ins, and end-of-year meetings.

A major component of incubator program management is recruiting and assisting with new farmer establishment and operations. In the fall of 2015, 13 applications from new farmers were submitted to HIP for the 2016 farm season. Of these, 3 new farms were accepted into the program, making a total of 14 farms operating through HIP on 14.2 acres during the 2016 growing season (see Table 7).

7.1.2 Site Management

Several improvements were made to Headwaters Farm during FY15-16. The most notable addition to the farmscape was a 30ft x 60ft "curing shed" for storing non-refrigerated produce and other farm items like harvest bins. Grading was done prior to this construction to improve stormwater management and also included a gravel-covered area for additional parking and a pad for a second propagation house which will be erected in FY16-17.

Other notable improvements to Headwaters Farm during FY15-16 included:

- Constructing a walk-in cooler
- Completing a two-stall composting toilet
- Improving approximately 2,800ft of farm road
- Clearing trees around the main driveway to facilitate fire truck access



- Installation of a gate to restrict access coming in the western entrance
- Adding in-field wash station facilities
- Pouring a cement slab for the curing shed

Table 7: FY15-16 HIP Farmers

Farm	Acres Leased	Farm Business Type	Sales Outlets	Years in HIP
Abundant Fields Farm	1	Mixed Veggies	Market/Restaurants/CSA/Wholesale	4
Happy Moment Farm	0.75	Mixed Veggies	Farmers Market/Direct	4
Stadnikov Farm	0.75	Mixed Veggies/Honey	Farmers Market/Direct	4
Alquimia Botanicals	0.25	Herbs/Value Added	Farmers Markets/Wholesale	3
Full Cellar Farm	1.25	Mixed Veggies	CSA/Farmers Market	3
Rainbow Produce	0.33	Mixed Veggies	Direct	2
Wild Roots Farm	1.5	Mixed Veggies	CSA/Restaurants/Wholesale	2
Udan Farm	1.25	Mixed Veggies	Farmers Markets	2
Black Locus Farm	2.6	Mixed Veggies	Restaurants/Wholesale	2
Gentle Rain Farm	0.5	Mixed Veggies	Wholesale to Personal Cracker Business	2
Springtail Farm	1.25	Mixed Veggies	Farm Stand/CSA	2
Groundswell Farm	0.25	Salad Mixes	Restaurants	1
Tanager Farm	1	Mixed Veggies	CSA/Farmers Market	1
Glasrai Farm	1.5	Mixed Veggies	Farmers Markets	1
14 Farms	14.2			

Another big success was the continued use of cover crops to improve soil health at Headwaters Farm. Fall plantings of legumes and grains were instrumental to incubator farmer success and as a tool for remediating land and preparing it for crop production. In addition, over 1,300 linear feet of native hedgerows were established along the southern property line as well as a 25ft x 96ft pollinator meadow near the hoophouse.

Other projects that were planned for this past season but did not take place, and are anticipated to be completed in FY16-17, include:

- Farm Sign – while the sign has been designed and printed, the erection of the sign has been held up by permitting.
- Swale Extension – this project has been held up by limited availability of a contractor who has a ‘walking-excavator’ that would have less impact in the natural area than a standard backhoe.



7.1.3 Support and Training

HIP farmer support and general farmer development remains a substantial component of program activities. Learning opportunities come in a variety of forms, including formal programming and classes, individual trainings and feedback, and peer-to-peer information sharing. Each of these formats has its own value for overall farmer development.

The most prominent formal training offered during FY15-16 was Integrated Pest Management. This topic was taught by Nick Andrews of OSU Extension's Small Farms Program and tied together important issues pertaining to insect and disease management in organic systems. Other key trainings and workshops included:

- Tractor Training – taught by the Headwaters Farm Program Manager
- Nutrient Management – taught by Nick Andrews and the Headwaters Farm Program Manager
- Insects and Irrigation – taught by Eric Mader of the Xerces Society and EMSWCD staff
- Irrigation Management – taught by the Headwaters Farm Program Manager

Countless one-on-one exchanges were conducted between the Headwaters Farm Program Manager and incubator farmers or between the farmers themselves.

7.1.4 Outreach

The 2015 Annual Meeting was held at Headwaters Farm and included hay rides, farm tours, and staff led descriptions of conservation farming practices. The event was well attended and represented a mix of neighbors, local organizations, staff and Board members and their families, and other constituents.

As with previous years, a variety of tours were conducted at Headwaters Farm. These primarily consisted of informational tours for the general public and organizations interested in learning more about EMSWCD's farmer development and conservation agriculture efforts. In total, 9 tours were conducted, including a tour for a partnership from Chemeketa Community College interested in launching a farm incubator.

Much of the program's outreach for new farmers came via partner organizations. Emails and updates were sent out at key times of the year to highlight upcoming tours, events, and the application period. The Headwaters Farm Program Manager worked closely with EMSWCD's Marketing and Media Manager to ensure regular social media posts and occasional advertisements and press releases.

7.2 Land Legacy

The Land Legacy Program focuses on protecting, through fee or less-than fee acquisitions, agricultural lands, natural resource lands, and access to nature lands. Lands can be acquired, retained, and managed over the long-term directly by the EMSWCD or lands can be acquired and transferred (or a grant can be given for the same) to partner agencies or organizations for long-term management. The Land Legacy Program also helps rural landowners plan for the future by providing farm succession workshops and by helping identify potential new farmers (through farm leasing) for their lands. In FY15-16 the Land Conservation Fund (capital fund) available for purchases and management was \$5,412,500.

A narrative summary of major accomplishments related to the Land Legacy Program is provided in Sections 7.2.1 through 7.2.3 while details relative to the FY15-16 Work Plan are provided in Appendix 9. The FY15-16 Work Plan identified 15 specific activities related to the Land Legacy Program, of which five (or 33%) were completed, five (or 33%) progressed but were not completed as planned, and five (or 33%) were not completed during the fiscal year.

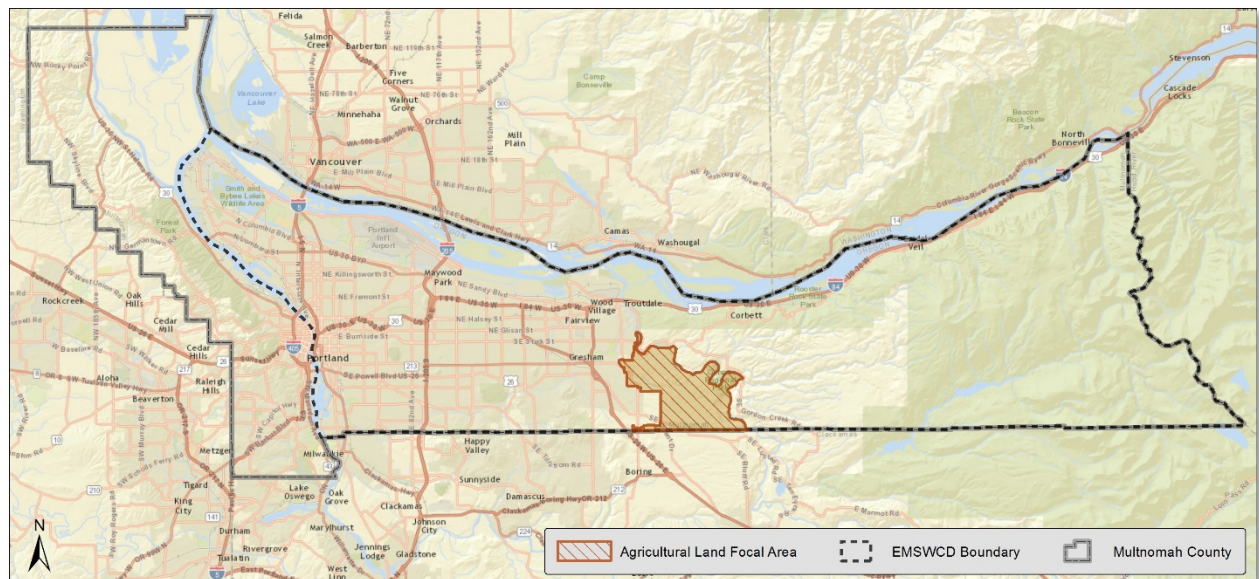
7.2.1 Program Planning and Management

During FY15-16, further steps were taken to establish and strengthen implementation of several important components of the Land Legacy Program. Programmatic accomplishments realized for the Land Legacy Program during the fiscal year included:

- An individual property level prioritization of agricultural properties within the agricultural land protection focal area (see Map 12) was completed, which will guide outreach to property owners, assist with evaluating land protection opportunities, and tracking progress made.
- The creation of a consolidated tracking system, including a web-based mapping tool, for tracking the status of individual properties being considered for protection through agricultural conservation easements.
- Completion of a farmer succession workshop, attended by 39 members of the public, which will be used as a basis to establish a more programmatic approach to assisting local farmers with succession planning.

No action was taken on the development of the Land Legacy Program plan in FY15-16.

Map 12: FY15-16 Land Legacy Program Focal Area for Agricultural Land Protection



7.2.2 Site-specific Protection

Land Legacy Program FY15-16 accomplishments related to the protection of specific sites are divided into agricultural lands, natural resource lands; and access to nature lands. Although several potential projects were and are being pursued, the program did not close on any of them during the fiscal year.

Agricultural Lands: EMSWCD focuses the working lands protection efforts on the area east of the urban growth boundary and west of the Sandy River, excluding the urban reserve. In FY15-16, inquiry postcards were sent to the remainder of the top 75 priority landowners within the agricultural focus area that had not previously been contacted by the Land Legacy Program. In addition, phone calls and site visits were held with several landowners.



One 32-acre agricultural protection opportunity the program has been working on from the previous year was pursued further in FY15-16, while first being considered for a conservation easement it is now being pursued as a fee simple purchase. This work will continue in FY16-17. An additional 59-acre farm property was identified for sale and secured under contract as a fee simple acquisition. Program staff undertook various due diligence activities confirming the suitability of the property which, at the time of this report, was due to close in FY16-17.

Natural Resource Lands: Working with potential partners who would hold the easement, one 79-acre forest property east of the Sandy River was identified and pursued for protection through a conservation easement, which will continue in FY16-17.

Access to Nature Lands: One potential access to nature property within the Columbia Slough watershed was identified and worked on in FY15-16 with partner agencies. This project is also ongoing in FY16-17.

7.2.3 Site Stewardship

Site stewardship activities include direct management of infrastructure, natural resources, and private/public use of any (non-office-related) properties owned by EMSWCD. The EMSWCD currently owns two such properties, the Headwaters Farm and the Oxbow Farm. The Headwaters Farm, which also includes the Dianna Pope Natural Area, is addressed in this report in Sections 7.1 and 5.2.1.

During FY15-16 EMSWCD staff developed an operational plan for various options for the future use of the Oxbow Farm, that was presented to the board for consideration. One component of this planning was for the restoration of the forested areas of the property, including the removal of invasive plants. This restoration work was included in the FY16-17 budget and will begin in the fall of 2016.

7.3 Grants

The EMSWCD administers a multi-faceted Grants Program that helps fund projects that are led by external entities, but which help achieve EMSWCD's goals. In FY15-16, \$1,902,500 was budgeted for existing and new grants. As briefly described below, EMSWCD grants fall into five categories: 1) Partners in Conservation; 2) Small Projects and Community Events; 3) Conservation Landowner Implementation Program; 4) Strategic Conservation Investments; and 5) Land Legacy Grants.³

A narrative summary of major accomplishments related to the Grants Program activities is provided below in Sections 7.3.1 through 7.3.7 while details relative to the FY15-16 Work Plan are provided in Appendix 10. The FY15-16 Work Plan identified 13 specific activities related to the Grants Program, of which 11 (or 85%) were completed, and two (or 15%) were not completed. A PIC grant for identifying locations for future community gardens will build the foundation for future funding in this area. No new Access to Nature projects progressed sufficiently to require grant funding during FY15-16. And a ballot initiative on Outdoor School state funding precluded the need for action on the part of EMSWCD staff at this time; staff monitored this project only and did not seek additional funding sources because the external effort appears to be bearing fruit.

³ Land Legacy Grants are described as part of the overall Land Legacy Program in Section 7.2.



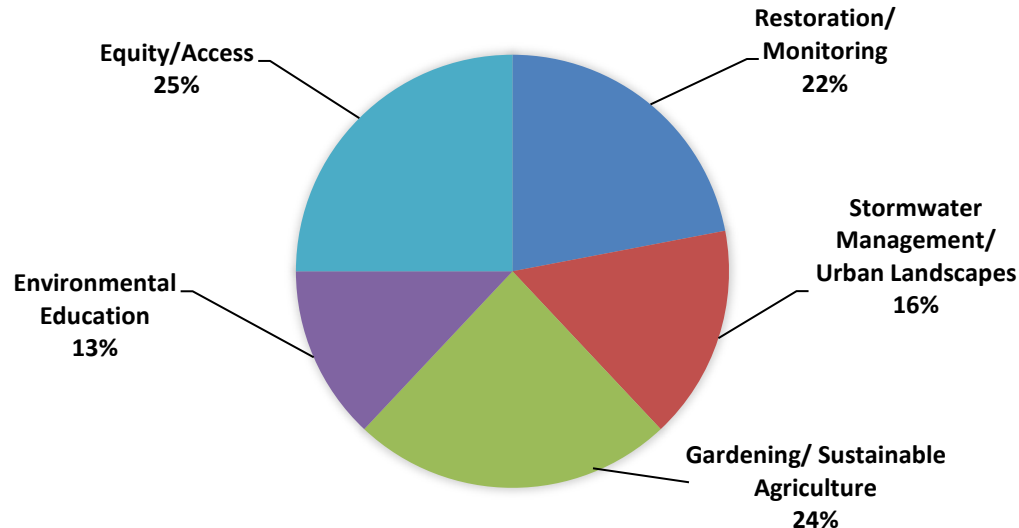
7.3.1 Partners in Conservation and PIC Plus Grants

Partners in Conservation (PIC) and PIC Plus provide funding to support conservation projects and conservation education within the EMSWCD's service area or, when not within the service area, for projects that serve EMSWCD residents. These grants are awarded annually through a competitive application process. PIC grants can range from \$5,000 to \$60,000 for one-year projects. PIC Plus grants range from \$5,000 to \$100,000 per year for a 2-3 year time-frame. The Grants Program Manager oversees and administers the PIC grant program. A PIC Review Committee makes recommendations for funding and the Board of Directors gives final approval.

During FY15-16:

- Out of 34 total grant applications, the EMSWCD Board of Directors awarded 23 PIC grants and one multi-year PIC Plus grants in FY15-16.
- Regular PIC grants ranged in size from \$10,000 to \$60,000. The average PIC grant size was \$26,500. The PIC Plus grant was for \$150,000, for two years of funding.
- 18 of 24 PIC projects funded in 2015 involved underserved youth or communities in the district.
- A total of \$759,600 was awarded in PIC grants: 22% of funding went to restoration/monitoring projects, 16% to stormwater management/urban landscapes, 24% to urban gardens/sustainable agriculture, 13% to environmental education, and 25% to equity/access for underserved population (see Figure 4). Note however that several of the PIC grant projects overlap outcomes in these categories.

Figure 4: FY15-16 PIC Grant Categorization



A complete list of the awarded PIC grants in FY15-16 is given in Appendix 11. PIC and PIC Plus project highlights include:

- **Funded a large scale, multi-year restoration project in the rural part of the district through the PIC Plus Grant Program.** The North Fork Johnson Creek Fish Passage Restoration project received our largest 2016 PIC grant, \$150,000 over two years to replace an existing fish-barrier culvert. The culvert project is part of a larger effort to restore fish passage on the North Fork tributary, which



includes seven fish barriers in the two miles of fish-bearing reaches of the tributary. Three of the other culverts to be replaced occur on the EMSWCD Headwaters Farm.

- **Funded three restoration and/or water quality monitoring projects in the urban part of the District.** A grant to Columbia Riverkeeper provides supports for a volunteer river monitoring project on the Columbia River within East Multnomah County as well as river clean-up and restoration efforts involving underserved youth.
- **Funded over five projects that addressed stormwater runoff, water quality/ conservation, and/or soil erosion.** These included a grant to the Albina Neighborhood Tree Team to improve the urban forest canopy through tree planting and replacement in a low-income neighborhood. A grant also supported the Ecoroof Symposium to promote more use of green roofs in the region.
- **Funded the development of two new community/school garden spaces in the district.** In fall 2015, the EMSWCD convened many of its garden-related grant recipients to discuss opportunities for more strategic funding in this area. As an outcome of this meeting, rather than fund new garden projects directly, the EMSWCD decided to support two separate projects to assess needs on this topic and determine possible locations for school and community gardens in the EMSWCD service area. These projects will develop garden maps and other information that will help guide future decisions about where and how best to support the development of new gardens.
- **Funded four additional garden projects that meet criteria for best practices and populations served.** These projects reflect our commitment to supporting food gardening projects that help to educate district residents about soil health, reducing the use of pesticides and herbicides, water conservation and the importance of pollinators. This year's grants also focused on underserved populations. For example, a PIC grant to Outgrowing Hunger provides garden-based environmental education through mentoring, youth internships and ecological management of garden sites. Funding support to the Oregon Food Bank enables greater participation of local communities in their urban farm.
- **Supported three partnerships that cross traditional sector lines and help to build alliances between conservation groups and community organizations.** Building stronger alliances among diverse organizations can foster better relationships and understanding for working toward common goals. One project funded this year supports the Coalition of Communities of Color to engage culturally specific organizations in conservation and to strengthen relationships between these organizations and environmental groups through joint trainings and project development.
- **Supported three projects that help build capacity of organizations to work within underserved areas of the district.** Many EMSWCD grant funded organizations operate with very limited resources and small staffs. Some of these have demonstrated a commitment to working in underserved areas of the district. This year, we supported Rose Community Development for a Youth Initiative that works with Green Lents, a partner conservation organization, to involve underserved youth in habitat restoration and watershed health projects. This funding is helping Rose continue to develop a solid track record in conservation-based community development.

7.3.2 Small Project and Community Event Grants

Small Project and Community Event (SPACE) grants provide up to \$1,500 per grant to support conservation projects, conservation education, and community events that promote natural resource conservation. Applications are accepted on a monthly basis. The Grants Program Manager oversees and administers the SPACE grant program. A board committee makes recommendations for funding and the Board of Directors gives final approval.



During FY15-16:

- Out of 45 SPACE grant applications, the EMSWCD Board of Directors approved 36 grant awards in FY15-16. Of the 36 grants, one grant was subsequently cancelled and refunded due to inability to complete the project.
- A total of \$49,988 was awarded through the SPACE grant program for smaller community conservation and education projects and events. A total of \$49,396 was actually spent due to lower costs than anticipated on some projects.

SPACE grant highlights include:

- **Funded restoration and/or water quality monitoring projects in the urban part of the district.** A grant to the Gresham Butte Neighborhood Association supported erosion control with weed removal and native planting in a public green space near Gresham Butte and the Springwater Trail. Over 30 volunteers were involved.
- **Funded events focused on environmental education that reach at least 500 district residents.** The EMSWCD SPACE grant program funded Portland Ecologists Unite to host a lecture and discussion featuring ecologist Dr. Mark Davis from Macalester College to talk about invasive species management. In addition, a grant to Columbia Slough Watershed Council supported a bilingual event, *Explorando el Columbia Slough*, focused on building appreciation of the Whitaker Ponds Nature Park.

7.3.3 Conservation Landowner Incentive Program

Conservation Landowner Incentive Program (CLIP) grants provide financial cost-share assistance to private rural landowners and land managers who are receiving technical assistance from the district. Urban projects on private properties with springs, creeks, wetlands, or other water bodies are also eligible. The CLIP program provides 50% cost-share with up to \$7,500 per application. Applications can be submitted at any time and are approved by the Board of Directors. In FY15-16, 4 CLIP projects received cost share funding commitments totaling \$9,691. Conservation practices included weed control, erosion control, revegetation and maintenance.

7.3.4 Strategic Conservation Investments

Strategic Conservation Investments (SCI) grants support projects and partnerships that advance the EMSWCD's priority natural resource issues identified by the Board of Directors and general do not lend themselves to any of the EMSWCD's other grant opportunities. A Board member or the Executive Director must sponsor a project for funding to be considered. No Strategic Conservation Investments were made during FY15-16.

7.3.5 Line Item Grants

The EMSWCD's largest environmental education grant project for FY15-16 was the \$185,000 contribution made to the Multnomah Education Service District in support of Outdoor School. The project made it possible for over 6,000 students in the EMSWCD service area to participate in an extra half day of outdoor school. The Friends of Outdoor School forwarded legislation in Oregon during the 2016 session, which the EMSWCD supported, to establish and fund Outdoor School at the state level. EMSWCD committed to 3 years of "gap" funding for Outdoor School until state funding can be obtained.



7.3.6 Strategic Partnership Agreements

The EMSWCD entered into a Strategic Partnership Agreement (SPA) with the three watershed councils that operated within the EMSWCD's service area; the Columbia Slough Watershed Council, the Johnson Creek Watershed Council, and the Sandy River Basin Watershed Council. The partnership is intended to better integrate, more fully develop, and increase the effectiveness of conservation efforts implemented by the parties to the SPA. The partnership includes joint planning, project-based collaboration, and progress reporting, as well as grant funding from EMSWCD to the watershed council partners at agreed-upon levels for agreed-upon activities, as well as external collaborative grant-seeking by all the partners.

In its first year, the EMSWCD awarded a total of \$174,874 under the SPA to support the operations and projects of the three watershed councils.

7.3.7 Grants Program Management

The EMSWCD Grants Program continues to explore and develop new processes for improving our services and the effectiveness of our grants. Some new activities in FY15-16 that reflect progress in this area include:

- The EMSWCD conducted a survey of its PIC 2016 grant recipients. The results provide mostly positive feedback on the grants program and the importance of the funding EMSWCD provides. The survey also gave some insight on issues of most importance to grantees, ways to support their efforts beyond funding, and how EMSWCD can streamline the application and reimbursement process to make these tasks less burdensome.
- The EMSWCD is planning to convert to an on-line application system for the FY16/17 PIC applications. During FY15/16, staff researched options with other funders and service providers. A system will be adopted in the fall of 2016.
- Evaluating the success of the Grants Program is a priority and included site visits for all PIC grantees as well as collection and compilation of reported project outcomes. Staff will continue to expand and adopt new evaluation methodologies as the Grants Program moves forward with program planning.

8.0 Next Reporting

As identified in Section 2.1, progress for the period July 2016 through June 2017 will be reported to the Board of Directors and the public through quarterly reports in October 2016, January 2017, and April 2017. The next annual report, the FY16-17 Annual Report, will be completed in September 2017.



Appendix 1: Board and Staff Directory

Board of Directors	Zone 1 Director	Bob Sallinger		
	Zone 2 Director	Laura Masterson		
	Zone 3 Director	Mike Guebert		
	At-large Director	Nellie McAdams		
	At-large Director	Rick Till		
	Director Emeritus	Dianna Pope		
	Associate Director	Allison Hensey		
Executive Director		Jay Udelhoven	503-935-5352	jay@emswcd.org
Finance & Operations	CFO	Lissa Adams	503-935-5353	lissa@emswcd.org
	Office Manager	Jed Arnold	503-935-5350	jed@emswcd.org
	Facilities Manager	Scot Wood	503-935-5351	Scot@emswcd.org
	Marketing and Media	Alex Woolery	503-935-5367	alex@emswcd.org
Rural Lands	Program Supervisor	Julie DiLeone	503-935-5360	julie@emswcd.org
	Senior Conservationist	Aaron Guffey	503-935-5362	aaron@emswcd.org
	Senior Conservationist	Jeremy Baker	503-935-5361	jeremy@emswcd.org
	Senior Conservationist	Lucas Nipp	503-935-5363	lucas@emswcd.org
	Conservation Specialist	Chris Aldassy	503-935-5372	chris@emswcd.org
	Conservation Technician	Jon Wagner	503-935-5369	jon@emswcd.org
	Outreach Technician	Chelsea White-Brainard	503-935-5376	chelsea@emswcd.org
Urban Lands	Program Supervisor	Kathy Shearin	503-935-5365	kathy@emswcd.org
	Senior Conservationist	Erik Carr	503-935-5366	erik@emswcd.org
	Outreach Specialist	Katie Meckes	503-935-5368	katie@emswcd.org
	Outreach Technician	Angela Previdelli	503-935-5371	angela@emswcd.org
Conservation Legacy	Program Supervisor	Andrew Brown	503-935-5354	andrew@emswcd.org
	Land Legacy Manager	(Vacant)	503-935-5374	rick@emswcd.org
	Grants Manager	Suzanne Easton	503-935-5370	suzanne@emswcd.org
	Headwaters Manager	Rowan Steele	503-935-5355	rowan@emswcd.org

Updated: 9/20/2016



Appendix 2: Draft Unaudited Financial Statement Summary

EMSWCD Balance Sheet As of June 30, 2016

ASSETS	
Current Assets:	
Cash and investments	\$ 8,525,696
Property taxes receivable	\$ 279,040
Accounts receivable	\$ 7,061
Total current assets	<u>\$ 8,811,797</u>
Noncurrent assets:	
Capital assets, net of accumulated depreciation	<u>\$ 4,357,346</u>
Total assets	<u>\$ 13,169,143</u>
LIABILITIES	
Current Liabilities:	
Accounts payable	\$ 95,757
Accrued payroll	\$ 10,624
Other current liabilities	\$ 2,800
Accrued compensated absences	\$ 58,241
Total liabilities	<u>\$ 167,422</u>
EQUITY (NET POSITION)	
Invested in capital assets	\$ 4,357,346
Board Designated Restrictions	\$ 6,254,239
Unrestricted	\$ 1,376,526
Net Income	\$ 1,013,610
Total equity (net position)	<u>\$ 13,001,721</u>
Total liabilities and equity	<u>\$ 13,169,143</u>

EMSWCD Income and Expense Statement For the Year Ended June 30, 2016

Expenses:	
Soil and Water Conservation	\$ 3,525,378
Program Revenues:	
Operating Grants and Contributions	\$ 72,674
Charges for Services and Sale of Products	\$ 69,625
Total Program Revenues	<u>\$ 142,299</u>
Net Program Expenses	\$ (3,383,079)
General Revenues:	
Property Taxes	\$ 4,337,422
Interest Income	\$ 55,990
Miscellaneous	\$ 3,277
Total General Revenues	<u>\$ 4,396,689</u>
Change in Net Position	\$ 1,013,610
Net Position, Beginning of Year	\$ 12,155,533
Net Position, End of Year	\$ 13,169,143



Appendix 3: Finance & Operations Summary

FINANCE & OPERATIONS		Status				End of Year Comments
		Q1	Q2	Q3	Q4	
Budget	FY14-15 budget audit	In Progress	Complete	Complete	Complete	Board approved in December, all agencies notified. Complete
	FY15-16 budget/financial mgt.	In Progress	In Progress	In Progress	Complete	Complete.
	FY16-17 budget development	No Progress	In Progress	In Progress	Complete	TSCC hearing held, budget approved and adopted by board on June 13, 2016.
Office Management	Historical records/keeping and archival system	In Progress	Complete	Complete	Complete	Files moved off site, moved to front desk area or destroyed as appropriate.
	EMSWCD history / Dianna Pope bio	In Progress	In Progress	No Progress	In Progress	Due to issues with quality and content of first draft from the historian, F&O staff will be re-working the material into a broader EMSWCD history document during FY 16/17.
	Organizational sustainability analysis	In progress	In Progress	In Progress	Complete	Ongoing. Sustainability Team is meeting regularly. Energy Trust of Oregon audit found few areas for improvement (replacing CFL with LED). Sustainability Team will continue to brainstorm ways to decrease organizational environmental footprint.
	Organizational equity analysis/plan	In progress	In Progress	In Progress	Complete	Ongoing intervention. Equity team meeting regularly; organizational assessment completed in 4 th quarter.
	EMSWCD branded gear	In progress	In Progress	In Progress	Complete	95% complete. All items received. Baseball caps embroidering on hold while tweaks to the EMSWCD logo are made to adapt it to the small size and curved nature of a ball cap. Anticipate delivery on caps in 1 st quarter of FY 16/17.
	Internal policy review	In Progress	In Progress	In Progress	In Progress	Personnel Policy areas of concern are being identified; contracting policy review began in 3 rd quarter. Anticipate completion in 1 st quarter of FY16/17.
	Recruitments for at least three staff	In Progress	Complete	Complete	Complete	Recruitment process for three planned positions is complete. A fourth recruitment was opened in December and completed in 3 rd quarter. Additional recruitments planned for 4 th quarter (Rural Lands, Headwaters Farm) have been completed.
	Evaluation of retirement account options	In progress	In Progress	In Progress	Complete	New retirement carrier, Oregon Savings Growth Plan, selected and approved.



	12 board and 17 committee meetings	In progress	In Progress	In Progress	Complete	Routine meetings conducted smoothly.
Facilities	Board room improvement	In progress	In Progress	In Progress	In Progress	Progress was delayed due to permitting issues. Hardwood floor repairs are complete and new wall dividers were purchased and installed. Anticipate completion of re-opening the exterior entrance in October of 2016.
	Main floor stairway to basement	Complete	Complete	Complete	Complete	Stairwell has been constructed and is in use.
Marketing	Survey EMSWCD residents to establish baseline data	In progress	In Progress	In Progress	In Progress	The second District-wide survey was shelved due to budgetary and time constraints. A specific budget line item for the survey was approved in the 4 th quarter. Staff researched potential marketing firms and worked on survey questions. The next survey project will tentatively be conducted in the 2 nd quarter of FY16/17.
	Outreach plan and materials	In progress	In Progress	In Progress	In Progress	The Marketing Plan was revised and expanded, and a final draft has been delivered. Work began on a related Branding/Identity set of guidelines. New outreach materials and digital/social advertisements have been created/revised and utilized in each program area. A new outreach material template and event display template were both finalized, and the first set of 5 Urban Lands outreach materials drafted.
	Increased media attention	In progress	In Progress	In Progress	Complete	Ongoing activity. Social media continues to become a more useful tool, with an 11% quarterly increase in fans (85% annual increase), 280% increase in average reach (annual), and very effective social campaigning for all programs. 4 th quarter media outreach included promoting Urban Lands and Rural Lands workshops, press outreach for Yard Tour, the Strategic Partnership Agreement and PIC grants awarded.

Completed or progressing as planned, targets met or largely met	12/17	71%
Not completed or progressing as planned, but underway and success likely	5/17	29%
Not completed or progressing as planned	0/17	0%



Appendix 4: Rural Lands - Water Quality Improvement Summary

RURAL LANDS		Status				End of Year Comments
		Q1	Q2	Q3	Q4	
Rural Water Quality	Outreach strategy and calendar.	No Progress	In progress	In progress	In progress	Calendar completed. Strategies developed for some but not all program areas.
	Rural landowner outreach concerning water quality and soil conservation.	In progress	In progress	In progress	Complete	Began to ramp up this effort thanks to a new outreach position.
	Outreach in the ODA AgWQ Beaver Creek focus area.	No Progress	No Progress	In progress	In progress	Drafted outreach strategy for this area, and have a workshop planned for FY16-17.
	Partner with NRCS and other SWCDs to fund, develop, and staff a booth at the NW Ag Show.	No Progress	In progress	Complete	Complete	Staffed NW Ag Show as planned. This year's theme was beneficial insects.
	Staffing Far West show display	Complete	Complete	Complete	Complete	Outreach staff helped staffed the display for a shift. Technical staff presented about irrigation on the show floor, and networked with nurseries.
	Create outreach messaging to tell the water quality story.	No Progress	No Progress	In progress	In progress	Trying to present our water quality data in a compelling way.
	Collect monthly samples in upper Beaver and Johnson Creeks.	In progress	In progress	In progress	Complete	Samples collected monthly.
	Install temperature loggers in upper Beaver and Johnson Creeks.	In progress	Complete	Complete	Complete	Loggers were removed 2 nd quarter and were re-installed 4 th quarter.
	Coordinate with partners, prevent duplication and combine data analysis.	In progress	In progress	In progress	Complete	Partners include the Johnson Creek Inter-jurisdictional Committee and the Beaver Creek Conservation Partnership.
	Install summer temperature loggers in Big and Smith Creeks for baseline and trends.	No Progress	No Progress	In progress	Complete	Loggers installed 4 th quarter.
	Conduct 300 site visits / 30 first-time; prioritize ODQ AgWQ focus area.	In progress	In progress	In progress	In progress	Progress made, but goal not met. Three first time site visits in 3 rd quarter and 10 in the 4 th quarter.



Develop 60 conservation practice recommendations to address erosion and/or water quality.	In progress	In progress	In progress	In progress	Progress made, but goal not met. One conservation practice recommendation made 3 rd quarter. This work was mostly on hold because the position was vacant until the 4 th quarter.
Assist 6 landowners with cost share applications.	In progress	In progress	In progress	In progress	Progress made, but goal not met. One new CLIP application 3 rd quarter for conversion to drip irrigation.
Track practice installations that resulted from technical assistance.	No Progress	No Progress	In progress	Complete	Followed up with landowners that had planned to install conservation practices.
Partner with NRCS on cost share assistance for high priority conservation needs.	In progress	In progress	In progress	Complete	Staff coordinated with our District Conservationist as she developed the next Conservation Implementation Strategy for EQIP funding.
Develop plan to overcome barriers to addressing water quality issues and implementing conservation practices among rural residents.	In progress	In progress	In progress	Complete	Survey of nurseries completed. Results will be used to develop outreach messaging.
Begin implementation of above plan during Q3 and Q4.	No Progress	No Progress	In progress	In progress	Beginning to develop messaging based on survey results. This work to continue in FY16-17.

Completed or progressing as planned, targets met or largely met	10/17	59%
Not completed or progressing as planned, but underway and success likely	7/17	41%
Not completed or progressing as planned, little substantive progress made	0/17	0%



Appendix 5: Rural Lands - StreamCare Summary

RURAL LANDS		Status				End of Year Comments
		Q1	Q2	Q3	Q4	
StreamCare	Existing StreamCare areas maintained.	Complete	Complete	Complete	Complete	Completed maintenance on all StreamCare sites.
	2 additional acres along 0.2 stream miles in Big and Smith Creek watersheds enrolled.	In progress	Complete	Complete	Complete	10 new agreements on 7 acres along 0.35 stream miles.
	Prepare new sites for planting, control weeds on existing sites, and plant native trees and shrubs.	In progress	In progress	In progress	Complete	Planted 64,365 native trees and shrubs on 232 acres along 7.4 miles of stream.
	Maintain GPS and GIS data; track and compile deliverables.	In progress	In progress	In progress	Complete	All regular GIS data maintenance was completed.
	Manage wholesale plant orders, delivery, and storage.	In progress	In progress	Complete	Complete	Completed as planned.
	5 year StreamCare sites evaluated for additional maintenance needs. Landowner agreements extended.	In progress	In progress	In progress	Complete	16 sites successfully graduated from program. Six agreements extended in the 3 rd quarter. Conducted a survey of all landowners that graduated from StreamCare.
	For graduating sites, offer landowners assistance enrolling in ODFW Riparian Program.	In progress	In progress	In progress	Complete	One StreamCare site enrolled in ODFW Riparian Program. Information on the program was provided to five eligible, graduating landowners. One landowner submitted an application to Multnomah County in 3 rd quarter.
	Long-term management plan finalized for the Dianna Pope Natural Area.	In progress	In progress	In progress	In progress	The second draft of this document was completed in the 2 nd quarter.
	Identify and prioritize tributaries to expand StreamCare into; outreach to landowners.	No Progress	No Progress	In progress	In progress	Began opportunistic review of potential areas based on landowner interest.
	Analysis of Johnson Creek modelling for possible StreamCare sites tree shade prediction.	No Progress	No Progress	No progress	Not Complete	Delayed due to lack of capacity.



Run water temperature model; or hired contractor if need be.	No Progress	No Progress	No progress	Not Complete	Delayed due to lack of capacity.
Complete modelling for Johnson and Beaver creeks.	No Progress	No Progress	No progress	Not Complete	Delayed due to lack of capacity.
With partners determine location and maintenance needs of post-grant habitat restoration projects.	No Progress	No Progress	No progress	Not Complete	Due to continued interest in StreamCare, this work will largely be delayed until 2018 or later. An opportunistic approach based on partner requests was pursued in this fiscal year. One partner project was toured and assessed for further restoration needs. The site was determined free to grow although EMSWCD is determining a visual monitoring schedule for the project.
With public agencies, determine how future work can mesh with their site management plans.	No Progress	No Progress	No progress	Not Complete	Due to continued interest in StreamCare, this work will be delayed likely until 2018 or later.
Begin work on 10 acres of post-grant habitat maintenance.	No Progress	No Progress	No progress	Not Complete	Due to continued interest in StreamCare, this work will largely be delayed until 2018 or later. An opportunistic approach based on partner requests will continue to be pursued.

Completed or progressing as planned, targets met or largely met	7/15	47%
Not completed or progressing as planned, but underway and success likely	2/15	13%
Not completed or progressing as planned, little substantive progress made	6/15	40%



Appendix 6: Rural Lands - Weed Control Summary

RURAL LANDS		Status				End of Year Comments
		Q1	Q2	Q3	Q4	
Weed Control	Confirm EDRR weed list species reports, provide rapid treatment (outside City of Portland).	In progress	In progress	In progress	Complete	Most EDRR reports were of weeds that we are working to control.
	Weed identification and control methods technical assistance.	In progress	In progress	In progress	Complete	Fielded questions from landowners.
	With partners, update EDRR weeds list annually.	No Progress	No Progress	No progress	Complete	Annual partner meeting where EDRR weeds list is updated took place during the 4 th quarter.
	Conduct strategic outreach to increase monitoring of remote locations by volunteers.	No Progress	No Progress	No progress	Not Complete	Working with our Cooperative Weed Management Areas we have determined that the outreach has not led to volunteer monitoring.
	Participate in 4-county and Columbia Gorge Cooperative Weed Management Areas.	In progress	In progress	In progress	Complete	Attended regular meetings. One staff member co-chairs Columbia Gorge CWMA and one staff member is on steering committee of 4-County CWMA.
	Treat knotweed infestations new growth, survey Sandy watershed.	Complete	Complete	Complete	Complete	Completed in 1 st quarter.
	Treat new knotweed patches.	Complete	Complete	Complete	Complete	Completed in 1 st quarter.
	Survey for additional knotweed populations.	Complete	Complete	Complete	Complete	Completed in 1 st quarter.
	Re-vegetate knotweed controlled areas as needed.	No Progress	No Progress	Complete	Complete	Evaluated sites, but none needed planting this fiscal year.
	Annually treat known satellite garlic mustard populations.	No Progress	In progress	In progress	Complete	Completed as planned. See map.
	Survey for and treat new garlic mustard populations.	No Progress	No Progress	In progress	Complete	Completed as planned.
	Monitor and treat garlic mustard invasion pathways.	No Progress	No Progress	In progress	Complete	Completed as planned.
	Coordinate with partners to ensure regional garlic mustard control.	No Progress	No Progress	In progress	Complete	Coordinating with State Parks and Multnomah County Roads.



Evaluate private property owners' efforts to control garlic mustard.	No Progress	No Progress	No progress	Complete	Select sites within the containment zone are monitored to determine if control is possible over time.
Survey for additional infestations of false brome, English ivy, Old man's beard, and spurge laurel.	In progress	In progress	In progress	Complete	Surveyed 701 acres for weeds this fiscal year.
Treat known populations of false brome, English ivy, Old man's beard, and spurge laurel in target areas.	In progress	In progress	In progress	Complete	Treated 55.4 net acres of weeds this fiscal year.
Monitor all previously treated false brome, English ivy, Old man's beard, and spurge laurel sites.	In progress	In progress	In progress	Complete	See above.
Seek ways to safely treat less accessible areas.	In progress	In progress	In progress	Complete	Will continue next fiscal year.
Aggressively monitor and treat invasion pathways.	In progress	In progress	In progress	Complete	Will continue next fiscal year.
Re-vegetate controlled areas as needed.	In progress	In progress	Complete	Complete	Planted 5 acres 3 rd quarter.

Completed or progressing as planned, targets met or largely met	19/20	95%
Not completed or progressing as planned, but underway and success likely	0/20	0%
Not completed or progressing as planned, little substantive progress made	1/20	5%



Appendix 7: Urban Lands Summary

URBAN LANDS		Status				End of Year Comments
		Q1	Q2	Q3	Q4	
Program	Develop 5-year Program.	In Progress	In Progress	In Progress	Not Complete	First draft completed, staff will work with ED and District Planner to finalize plan in FY16-17.
	Annual Action Plan: Collect and analyze data, refine Urban Lands program strategies.	In progress	In Progress	In progress	In Progress	Urban lands staff proposed revised CLIP criteria to encourage more urban cost-share projects. Improvements made to the Naturescaping Yards Tour to include EMSWCD PIC grantee success stories.
	Update staff annual work plans by June 2015.	Complete	Complete	Complete	Complete	All Urban Lands staff completed their work plans for the FY15/16.
	Outreach and collaboration partner meetings	In progress	In progress	In progress	Complete	5 in 4 th quarter, 3 in 3 rd quarter; 10 in 2 nd quarter; 8 in 1 st quarter.
	Presentations to community groups 16 total	In progress	In progress	In progress	Not Complete	11 presentations, goal not met. 0 presentations in 4 th quarter; 2 in 3 rd quarter; 4 in 2 nd quarter; 5 in 1 st quarter.
	Outreach events	In progress	In progress	In progress	Complete	6 outreach events in 4 th quarter; 3 outreach events in 3 rd quarter; 4 in 2 nd quarter; 7 in 1 st quarter.
Water Quality	Water quality workshops. 10/year; 200 attendees	In progress	In progress	In progress	Complete	11 workshops, with 226 attendees, exceeded goal. 2 Rain Garden workshops held in 4 th quarter (35 attendees) 3 Rain Garden workshops held in 3 rd quarter (66 attendees) 5 Rain Garden workshops held in 2 nd quarter (106 attendees), 1 rain garden workshop held in 1 st quarter (19 attendees)
	Water quality presentations. 5/year; 100 attendees	No Progress	In progress	In progress	Complete	Capacity shifted towards presentations on other topics, 4 presentations with 71 attendees in FY15/16. 0 requests in 4 th quarter; 3 presentations delivered in 3 rd quarter (56 attendees); 1 presentation delivered in 2 nd quarter (15 attendees); 0 requests in 1 st quarter
	User-friendly conservation web tools. Sit on review committee.	In progress	In progress	In Progress	Complete	While the tasks anticipated were completed, this is a multi-year project and the work is on-going. Staff sit on the Oregon IPM Website Project review committee, review the reports, and weigh in on the progress reports and help guide the process.



Water Quantity	Provide \$200 residential rain gardens incentive. 10/year (\$2,000)	No Progress	In progress	In progress	Not complete	Goal not met. 5 reimbursements awarded in FY15/16: 0 requests in 4th quarter; 1 in 3rd quarter; 4 in 2nd quarter, 0 requests in 1st quarter (19 total inquiries for the year).
	Assist 5 landowners with cost share applications.	In progress	In progress	No Progress	Complete	Due to organizational revisions of CLIP program; New CLIP guidelines approved by board in Feb 2016 and internal CLIP review team formed in March 2016, only 3 CLIP projects approved in FY15/16 (1 of which was withdrawn by landowner and will not be completed). 3 new CLIP consultations in 4th quarter. 0 consultations in 3rd quarter
	Technical consultations for water quality related inquiries. 30/year	In progress	In progress	In progress	Complete	Goal exceeded. 54 water quality consultations in FY15/16: 13 in 4th quarter, 16 in 3rd quarter, 13 in 2nd quarter, 12 in 1st quarter
	Plan and implement a large-scale demonstration project.	In progress	In progress	In Progress	Complete	MHCC Campus Demonstration: Contracted with SRBWC to spearhead the assessment. Steering Committee met to guide the initial assessment. Rockwood/Rosewood Neighborhood Demonstration: Attended planning meetings for Making a Visible Difference workshop with EPA and Multnomah County partners. Participating in Greening Rockwood initiative.
	Provide 2-hour greywater reuse workshops.	No Progress	No Progress	In Progress	Not Complete	While originally planned for 3rd and 4th quarter a decision was made to promote graywater through support of partner efforts; Awarded SPACE grant to Depave/Recode to host 2 graywater workshops in 1st quarter of FY16/17.
	Provide 2-hour rainwater harvesting workshops.	No Progress	No Progress	No Progress	Not Complete	Originally planned for 3rd and 4th quarter. Decision made to promote rainwater harvesting through support of partner efforts.
	Provide 2-hour composting toilet workshops.	No Progress	No Progress	No Progress	Not Complete	Co-hosted composting toilet discussion with ReCode for jurisdictional reps, planners, inspectors, etc. to discuss permitting issues of CT's. Workshops were originally planned for 3rd and 4th quarter, but a decision has been made to provide web-based information verses creating a full workshop for this very specialized topic.



	Provide 2-hour residential drip irrigation workshops.	No Progress	No Progress	No Progress	Not Complete	Originally planned for 3 rd and 4 th quarter. Delayed pending strategic review of residential drip irrigation needs and feasibility.
	Provide water conservation presentations. 3/year; 100 attendees	No Progress	No Progress	No progress	Not Complete	0 presentation requests in FY15/16.
	Guide development of user-friendly native plants web tool.	In progress	In Progress	In progress	Complete	Activities completed this year, but multi-year project. Data from NWACE (Northwest Adult Conservation Education) was finalized. Contracting with Oregon Flora Project to manage the design and build of the website in FY16-17.
	Water conservation technical consultations. 30 consults/year	In progress	In progress	In progress	Not Complete	Goal not met. 9 water conservation consultations in FY15/16: 0 requests in 4 th quarter, 4 in 3 rd quarter; 2 in 2 nd quarter, 3 in 1 st quarter
	Establish a water culture think-tank for greywater, rainwater harvesting, and composting toilet professionals.	In progress	In progress	In progress	Complete	Activities completed this year, but multi-year project. Co-hosted composting toilet discussion with ReCode for jurisdictional reps, planners, inspectors, etc. to discuss permitting issues of CT's.
	Project plan and partnership agreements for large-scale demonstration projects.	No Progress	In Progress	In Progress	Complete	Memorandum of Agreement and Contract with SRBWC are both in place and the steering committee to guide the assessment plan for Mt Hood Community College Transformative Demonstration Project has met and begun guiding the effort.
Habitat	4-hour naturescaping basics workshops. 10/year; 200 attendees	In progress	In progress	In progress	Complete	Goal exceeded. 11 workshops with 269 participants. 5 workshops held in 4 th quarter (110 attendees) 2 workshops held in 3 rd quarter (59 attendees) 3 workshops held in 2 nd quarter (74 attendees) 1 workshop held in 1 st quarter (26 attendees)
	2-hour native plants workshops. 10/year; 200 attendees	In progress	In progress	In progress	Complete	Goal exceeded. 14 workshops with 312 participants. 5 workshops held in 4 th quarter (108 attendees) 4 workshops held in 3 rd quarter (97 attendees) 3 workshops held in 2 nd quarter (67 attendees) 2 workshops held in 1 st quarter (40 attendees).
	2-hour urban weeds workshops. 8/year; 160 attendees	In progress	In progress	In progress	Complete	Goal exceeded. 9 workshops with 171 participants. 3 workshops held in 4 th quarter (44 attendees)



						2 workshops held in 3 rd quarter (48 attendees) 3 workshops held in 2 nd quarter (61 attendees) 1 workshop held in 1 st quarter (18 attendees).
Naturescaping, native plants, and urban weeds presentations. 5/year; 100 attendees	In progress	In progress	In progress	Complete		Goal exceeded, 8 wildlife habitat presentations in FY15/16: 0 requests in 4 th quarter, 2 in 3 rd quarter (~50 attendees); 3 in 2 nd quarter (43 attendees); 3 in 1 st quarter (56 attendees).
Provide naturescaping group tours of EMSWCD facilities. 4 tours/year; 100 attendees	In progress	No Progress	No Progress	Complete		Goal exceeded, 5 tours provided in FY15/16 with 170 participants. 3 tours in 4 th quarter (70 people), 0 tour requests in 3 rd quarter; 0 requests in 2 nd quarter; 2 tours in 1 st quarter (100 people).
Naturescape yard tours. 500 attendees	No Progress	No Progress	In progress	Complete		Annual Naturescape Yards tour held May 14 th and included 8 yards with 40 volunteers and 385 attendees.
Wildlife habitat technical consultations. 30 consults/year	In progress	In progress	In Progress	Complete		42 wildlife habitat consultations in FY15/16: 10 in 4 th quarter, 9 in 3 rd quarter; 13 in 2 nd quarter; 10 in 1 st quarter.
Host a native plant sale. 700 participants; 20,000+ plants sold	In progress	In progress	Complete	Complete		Plant Sale took place on Feb. 20 th with 760 orders, 80 volunteers, and more than 10,000 trees and shrubs sold. Decision was made to discontinue sale of ground covers – hence the reduction in number of plants sold.
Increase wildlife and pollinator habitat via community action projects.	In Progress	In progress	In progress	Complete		Due to the popularity of this topic staff made the decision to first provide workshops rather than initiate action projects. Contracted with new presenter that has creating pollinator and beneficial insect workshops. She will begin presenting classes Fall 2016.

Completed or progressing as planned, targets met or largely met	21/31	68%
Not completed or progressing as planned, but underway and success likely	1/31	3%
Not completed or progressing as planned, little substantive progress made	9/31	29%



Appendix 8: Conservation Legacy - Headwaters Farm and Incubator Program

CONSERVATION LEGACY		Status				End of FY15-16 Comments
		Q1	Q2	Q3	Q4	
Headwaters	Five-Year Headwaters Farm Plan.	In progress	In progress	In progress	Not Complete	Draft 5-year plan has been developed, approximately 80% complete. This is anticipated to be completed in FY16-17.
	Outreach to and engagement with prospective farmers, program partners, and general public.	In progress	In progress	In progress	Complete	Regular website and Facebook posts were made; blog written by incubator farmer; Annual Meeting hosted at Headwaters Farm; nine tours were given to the general public and organizations.
	Get at least ten HIP applicants for 2016 growing season.	In progress	Complete	Complete	Complete	Received 13 applications for the 2016 HIP season.
	Host at least twelve incubator farmers at all times.	Complete	Complete	Complete	Complete	14 incubator farmers are participating in the HIP program for 2016.
	Two to five new farms recruited in FY15-16.	In progress	Complete	Complete	Complete	Three new farms were added for 2016.
	Soil health improvements.	In progress	In progress	In progress	Complete	Robust winter cover crop stands were grown on all areas of the farm not in active production; amendments (primarily compost and lime) were added to fields. Organic fertilizer purchased by farmers through the bulk order will be added later this season.
	Protection of natural resources.	In progress	In progress	In progress	Complete	Exclusive use of drip irrigation; over 1,300 linear feet of native hedgerows; 2,400ft ² of new pollinator meadow; Installation of two-stall composting toilet completed.
	Demonstration of conservation agriculture.	In progress	In progress	In progress	Complete	Maintenance of pollinator habitat; application of cover crops for soil building and protection; irrigation riser reconfiguration for improved micro-irrigation; establishment of additional hedgerows.

Completed or progressing as planned, targets met or largely met	7/8	87.5%
Not completed or progressing as planned, but underway and success likely	0/8	0%
Not completed or progressing as planned, little substantive progress made	1/8	12.5%



Appendix 9: Conservation Legacy - Land Legacy Summary

CONSERVATION LEGACY		Status				End of FY15-16 Comments
		Q1	Q2	Q3	Q4	
Program	5-year program plan.	In progress	In progress	In progress	Not complete	Draft plan available, not yet finalized. Anticipated to be completed in FY16-17
	Finalize outreach/communications plan.	No Progress	In progress	In progress	Not complete	Outreach plan in draft form. Spatial prioritization of parcels for outreach completed.
Farm Lands	Assess at least five parcels in the ag land focal area for working land easements.	In progress	In progress	Complete	Complete	Site assessments were completed for 6 agricultural land parcels since beginning of FY15-16. Work is ongoing as opportunities arise.
	Parcels that meet criteria processed for protection to the extent possible.	No Progress	In progress	In progress	Complete	On-going. One ALE opportunity pursued, now being considered as fee acquisition. One other agricultural priority property fee acquisition process started.
	One to five properties brought before the board to consider.	In progress	In progress	In progress	Complete	On-going. Board authorized fee acquisition of two additional agricultural priority properties in FY15-16.
	Stewardship for acquired parcels conducted as per site management plans; (Oxbow)	In progress	In progress	In progress	Not complete	NRCS farm conservation plan for Oxbow drafted, including agricultural lands and forest areas. EMSWCD plan for forest area restoration completed. Stewardship to begin in FY16-17.
	Site assessments and management plans developed for newly acquired parcels.	In progress	In progress	In progress	Complete	NRCS farm management plan was developed for ALE project. Work was done on BMPs for ALE project management plan in 3 rd quarter. Draft management plan developed for fee acquisition property.
	Farmer succession workshop.	No Progress	In progress	Complete	Complete	Workshop conducted in March 14 th . 39 members of the public attended.
Natural Lands	Identify partner plans and maps for prioritization of natural areas.	In progress	In progress	In progress	In progress	Extensive list of partner plans collated. Additional spatial datasets obtained. More work is required to collate and analyze this information.
	Meet partners to discuss priority areas; initiate at least one protection effort.	No Progress	In progress	In progress	In progress	Had discussions with partners regarding one natural area property in 3 rd and 4 th quarters. This potential project is on-going.
	Process grant applications for natural areas; present to board.	In progress	No Progress	No progress	Not complete	No natural lands protection opportunities resulted in grant applications in FY15-16.



Access Lands	Identify partner plans and maps for prioritization of access to nature areas.	In progress	In progress	In progress	In progress	A list of plans and maps has been obtained and collated. More work required to ensure relevant plans have been identified and obtained.
	Collect and assess tools for under-served communities and access to nature; prioritize opportunities.	No Progress	In progress	No progress	In progress	Spatial datasets obtained, and other tools identified, in FY15-16. Further work required to analyze and prioritize opportunities.
	Meet partners to discuss priority areas; initiate at least one protection effort.	No Progress	In progress	In progress	In progress	Had discussions with partners regarding two potential access to nature properties. Protection effort is on-going.
	Process grant applications for access areas; present to board.	In progress.	No progress	No progress	No progress	No access to nature protection opportunities resulted in grant applications in FY15-16.

Completed or progressing as planned, targets met or largely met	5/15	33%
Not completed or progressing as planned, but underway and success likely	5/15	33%
Not completed or progressing as planned, little substantive progress made	5/15	33%



Appendix 10: Conservation Legacy - Grants Summary

CONSERVATION LEGACY		Status				End of FY15-16 Comments
		Q1	Q2	Q3	Q4	
Grants Program	Fund at least one large scale, multi-year restoration project in the rural part of the district through the PIC Plus.	In progress	In progress	In progress	Complete	The Board approved one PIC multiyear restoration project for funding in April, 2016, the replacement of a culvert in the Johnson Creek watershed to restore fish passage.
	Fund at least three restoration and/or water quality monitoring projects in the urban part of the district.	In progress	In progress	In progress	Complete	The Board approved one PIC water quality monitoring project and 3 urban restoration projects for funding in April, 2016. For the year, funded 10 SPACE projects including restoration/native plantings. Two SPA projects were approved by the Board in June.
	Fund at least five projects that address stormwater runoff, water quality/ conservation, and/or soil erosion.	In progress	In progress	In progress	Complete	The Board approved 3 PIC projects for funding in April, 2016 that address stormwater runoff, water quality/conservation, and/or soil erosion. For the year, funded 7 SPACE projects addressing these issues. One SPA project was approved by the Board in June.
	Fund at least one project that promotes sustainable agriculture in the rural part of the district.	In progress	In progress	In progress	Complete	The Board approved one PIC sustainable agriculture related project for funding in April, 2016 that is located in the rural area of the District. One SPACE grant also addresses education for rural farmers.
Environmental Education	Fund at least three formal environmental education projects for youth.	In progress	In progress	In progress	Complete	The Board approved 4 PIC projects for funding in April 2016 focused on environmental education for youth. For FY15-16, 5 SPACE projects were funded to support env. education.
	Fund at least five projects that contain an educational component – involvement of students or volunteers, work skills training (restoration, gardening, sustainable agriculture), and/or demonstration/ interpretation.	In progress	In progress	Complete	Complete	The Board approved 8 PIC projects for funding in April, 2016 with an educational hands-on involvement of students/volunteers. For the year, 9 SPACE projects were funded for youth and volunteer environmental education and/or garden education.
	Fund at least five community events focused on environmental	In progress	In progress	Complete	Complete	Goal exceeded. Funded a total of 15 grants for Community Events, reaching approximately 4,800 residents.



	education that reach at least 500 District residents (SPACE grants).					
	Research and propose alternative long-term funding scenarios for Outdoor School.	In progress	No progress	In progress	Complete	A statewide initiative to gain public funding of outdoor school throughout Oregon will be put before the voters in November 2016; this was undertaken by a group external to EMSWCD. Staff monitored this only as staff cannot campaign. If this external effort is successful, additional funding will likely not be necessary. [PIC 2016 grant for Outdoor School-related promotional communication was approved for funding by the Board in April 2016.]
Gardens	Fund the development of at least two new community or school garden spaces in the District.	In progress	In progress	In progress	Not complete	The Board approved two PIC applications for funding that will provide maps and planning for future projects aimed at establishing community and school gardens.
	Fund at least three garden projects that meet criteria for best practices and populations served.	In progress	In progress	In progress	Complete	The Board approved 4 PIC applications for funding in April 2016 that meet these criteria. Funded 5 SPACE grants for garden projects in low income schools and neighborhoods.
Capacity	Support at least two partnerships that cross traditional sector lines and help to build alliances between conservation groups and community organizations.	In progress	In progress	In progress	Complete	The Board approved 3 PIC applications funding that involve projects designed to build alliances between conservation groups and community organizations.
	Support at least three projects that help build capacity of organizations to work in underserved areas.	In progress	In progress	In progress	Complete	The Board approved 6 PIC applications for funding that involve projects that build capacity of the organizations to work with communities in underserved areas.
	Support at least one "access to nature" land conservation project (through Land Legacy or SCI).	No progress	No progress	No progress	No progress	No new potential projects progressed sufficiently to require grant funding during FY15-16.

Completed or progressing as planned, targets largely met	11/13	85%
Not completed or progressing as planned, but underway and success likely	0/13	0%
Not completed or progressing as planned, little substantive progress made	2/13	15%



Appendix 11: 2016 PIC Grants

Albina Neighborhood Tree Team \$20,000

The Albina ReLeaf Program

This project will improve the urban forest canopy in Boise and Eliot neighborhoods by removing and replacing trees, enhancing the quality and diversity of trees while reducing the burden of care on low-income homeowners.

Coalition of Communities of Color \$20,000

REDEFINE: The Coalition of Communities of Color's Initiative for Climate and Environmental Justice

Part of the REDEFINE initiative, this project will engage culturally-specific community-based organizations around environmental and climate justice, promote leadership in these organizations, and strengthen relationships between organizations of color and environmental groups.

Columbia Land Trust and Portland Audubon \$26,345

Backyard Habitat Certification Program (BHCP) - East County Investment Initiative

The BHCP provides technical assistance, incentives, resources, and recognition to small lot private property owners to restore native wildlife habitat and manage stormwater. Through this project, Audubon and CLT will continue to develop the program in outer east county.

Columbia Riverkeeper \$14,400

Columbia River Monitoring Project

Columbia Riverkeeper will engage volunteers to adopt and monitor river sites, collect and report critical E.coli data via a free smart phone and on-line app, coordinate river clean-ups, and complete a restoration project.

Depave \$60,000

Depave Season 2016

Depave's 2016 season will include five depaving and greening efforts in East Multnomah County, creating outdoor play spaces, community gardens, native garden spaces and stormwater infrastructure.

Ecology in Classrooms and Outdoors \$25,000

Ecology Education in Elementary Schools

ECO will present hands-on lessons in 44 elementary school classrooms in East Multnomah County, along with service learning in nearby field sites.

Ecotrust \$60,000

Mapping and Convening an "Agriculture of the Middle Accelerator" in East Multnomah County

Ecotrust aims to re-build the "Agriculture of the Middle"—a mid-level scale of farms that are ideally suited to serve institutional food buyers, provide the greatest benefits to regional economies, and commit to on-farm management practices that foster environmental stewardship. The District service area will provide a pilot geography.

Ecumenical Ministries of Oregon \$10,000

Grounding Rockwood

The project will work with culturally diverse families in the Rockwood area of Gresham to promote involvement in gardening, urban farming, environmental education and parks.



Grow Portland \$35,880

Planning for Community Garden Expansion in East Portland

Grow Portland will partner with the City of Portland Community Gardens program to help plan and fund five new community garden projects in East Portland to be constructed over the next six years.

Growing Gardens \$10,000

School Garden Assessment

The project will entail a survey of the six school districts in the EMSWCD service area to determine the location, status and funding levels of all existing school gardens. A final report and updated map will inform future planning for developing new school gardens and sustaining garden education programs.

Lower Columbia Estuary Partnership \$28,376

Outdoor Conservation Education Program

The LCEP Education Program takes students outdoors to apply watershed focused classroom lessons in the field, reaching 400 students in grades 3-6 and providing one teacher workshop to 20 teachers.

Multnomah County \$150,000 (2-year PIC Plus)

North Fork Johnson Creek Fish Passage Restoration

The County fish passage restoration project on the North Fork tributary of Johnson Creek will replace the existing complete fish-barrier culvert at SE 267th Ave with a structure that meets the Oregon Department of Fish & Wildlife regulations for fish passage.

Northwest Youth Corps \$51,019

East Multnomah Youth Stewardship Project

The project's objective is to provide 30 Portland area youth with a paid summer stewardship experience focusing on restoration projects in east Portland, Gresham and Troutdale.

Oregon Food Bank \$20,000

Underserved Communities at the Learning Gardens

OFB will expand the Learning Gardens program to develop and implement an outreach strategy to underserved populations, including communities of color, immigrants and individuals experiencing extreme poverty.

Oregon Outdoor Education Coalition \$11,000

100 Days of Stories

The project will collect video and written stories from people around the state about their experiences with Outdoor School, providing an opportunity to give voice to those who rarely have the chance to have their experiences, thoughts and opinions heard.

Outgrowing Hunger \$30,000

East Portland Neighborhood Gardens & Natural Garden Education

This project unites environmental education with restoration and conservation while building capacity among disadvantaged populations. This is done through garden-based environmental education, sustainable gardening mentoring, youth internships, and ecological restoration projects.



Parkrose Heights Association of Neighbors \$12,510

Sacramento Outdoor Classroom

Sacramento Elementary School will build an outdoor classroom with the help of the Association of Neighbors, contributing an environmental educational space for implementing the school's curriculum.

Portland State University \$13,185

Ecoroof Symposium, Education, and Research

PSU in partnership with the Green Roof Information Thinktank (GRIT) will revive the Ecoroof Symposium to facilitate discussion and education about green roofs and to promote efforts to significantly increase their use in the Portland region.

Rose Community Development \$32,000

The Lents Youth Initiative Green Ring Watershed Partnership

The Lents Youth Initiative, OPAL Environmental Justice, and Green Lents partnership will carry out efforts to improve watershed health and to engage youth and community in environmental education and habitat restoration in and around the Lents Green Ring.

Sauvie Island Center \$19,885

STEM on the Farm at the Sauvie Island Center

The Center offers teachers and students an engaging, hands-on day of outdoor environmental and gardening education that reinforces Next Generation Science Standards, along with more intensive classroom lessons.

Urban Nature Partners PDX \$20,000

Sustain and Strengthen Outdoor Opportunities for Youth

Serving 4th and 5th grade underserved youth, UNPP works to build long-term, one-on-one mentoring relationships with caring adults, primarily environmental professionals, facilitating experiential education in east side urban greenspaces.

Verde \$60,000

Let Us Build Cully Park!

Verde is transforming a brownfield into a new environmental asset. Set to open in 2017, the project restores habitat, creates space for recreation and environmental education for District youth, and provides new areas for community gardening. The involvement of numerous local partners and residents is establishing a community-based model for green infrastructure development.

Wisdom of the Elders \$20,000

Wisdom Workforce Development

The project provides low-income Native Americans experience to help pursue environmental career pathways through habitat restoration training and service learning.

Woodlawn Farmers Market \$10,000

Woodlawn Farmers Market

Woodlawn Farmers Market will launch the *Introducing Farmers Program* - a low-risk farmers' market trial period and paid workshop opportunity for beginning small farmers, will improve and expand educational workshops, and will increase its customer base with greater marketing and outreach.