



ANNUAL REPORT

Fiscal Year 2017-2018

East Multnomah Soil & Water Conservation District

Helping people care for land and water since 1950

November 2018

Draft Version 1.0



**East Multnomah Soil & Water Conservation District
Annual Report for Fiscal Year 2016-2017
November 26, 2018
Version 1.0**

**This report was presented to the
East Multnomah Soil & Water Conservation District Board of Directors
for approval on: December 3, 2018.**

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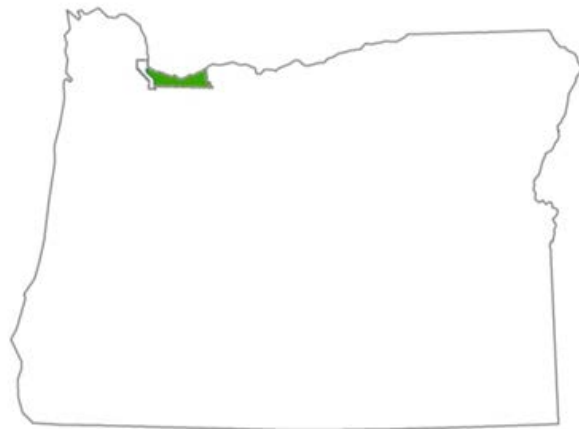


1. Executive Summary

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 within Multnomah County (see Map 1). During the Fiscal Year 2017-2018 (FY17-18), 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 \$13.4 million for FY17-18, 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 these programmatic units from July 2017 through June 2018.

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 the Conservation Legacy unit focused on helping new farmers get established, protecting agricultural, natural resource, and access to nature lands, as well as providing grant funding for the conservation-related activities of partners and allies.

Map 1: EMSWCD Location



Significant accomplishments during this reporting period included:

- Caring for **719 acres of natural habitat extending along 25 miles** of area streams;
- Treating approximately **122 acres of invasive weed species** on rural lands, including land burned by the Eagle Creek Fire;
- Holding or participating in **93 outreach and education events**, extending our reach to over **3,750 constituents** with messaging about sustainable urban landscapes;
- Committing to provide **\$1.16 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; and
- Purchasing a **15-acre farm property** to protect for agriculture use and contracting to purchase another 20-acre farm.



Table 1 below summarizes activities and accomplishments for each programmatic unit relative to activities that were identified in the FY17-18 Work Plan. Overall, the EMSWCD:

- *Completed or is progressing satisfactorily with 77% 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 8% of planned activities.*

Table 1: FY17-18 Annual Work Plan Progress Summary

FY17-18 Annual Work Plan Progress Summary	Completed or progressing as planned, targets met or largely met	Not completed as planned, but substantive progress made and success likely	Not completed or progressing as planned; little substantive progress made
Finance & Operations	26 (72%)	5 (14%)	5 (14%)
Rural Lands: Water Quality	11 (85%)	0 (0%)	2 (15%)
Rural Lands: StreamCare	6 (75%)	0 (0%)	2 (25%)
Rural Lands: Weed Control	13 (93%)	1 (7%)	0 (0%)
Urban Lands	28 (78%)	8 (22%)	0 (0%)
Cons. Legacy: Headwaters Farm	30 (86%)	4 (11%)	1 (3%)
Cons. Legacy: Land Legacy	17 (63%)	7 (26%)	3 (11%)
Cons. Legacy: Grants	13 (76%)	2 (12%)	2 (12%)
TOTAL:	144 (77%)	27 (15%)	15 (8%)

The percentages of activities and deliverables achieved represents a slight improvement on those achieved in the previous fiscal year FY2016-17 of 70% complete, 20% in progress, and 10% not completed.

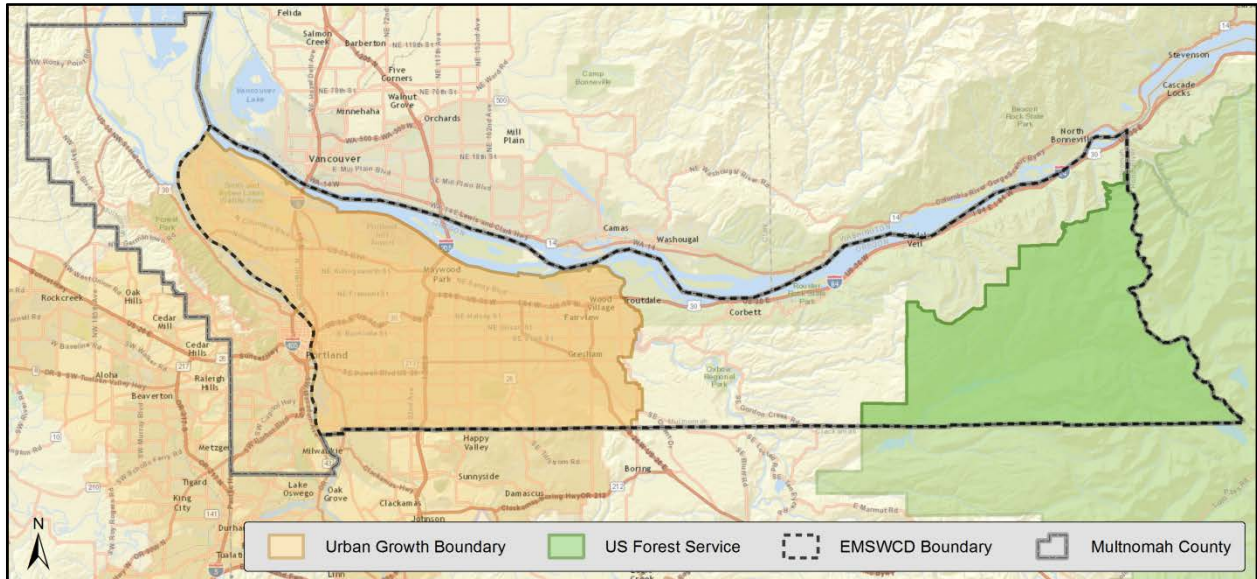
Narrative descriptions of the accomplished work are given in Sections 3.0 – 7.0. Detailed evaluations relative to activities and deliverables identified in the FY17-18 Work Plan are provided in Appendices 3 - 10.



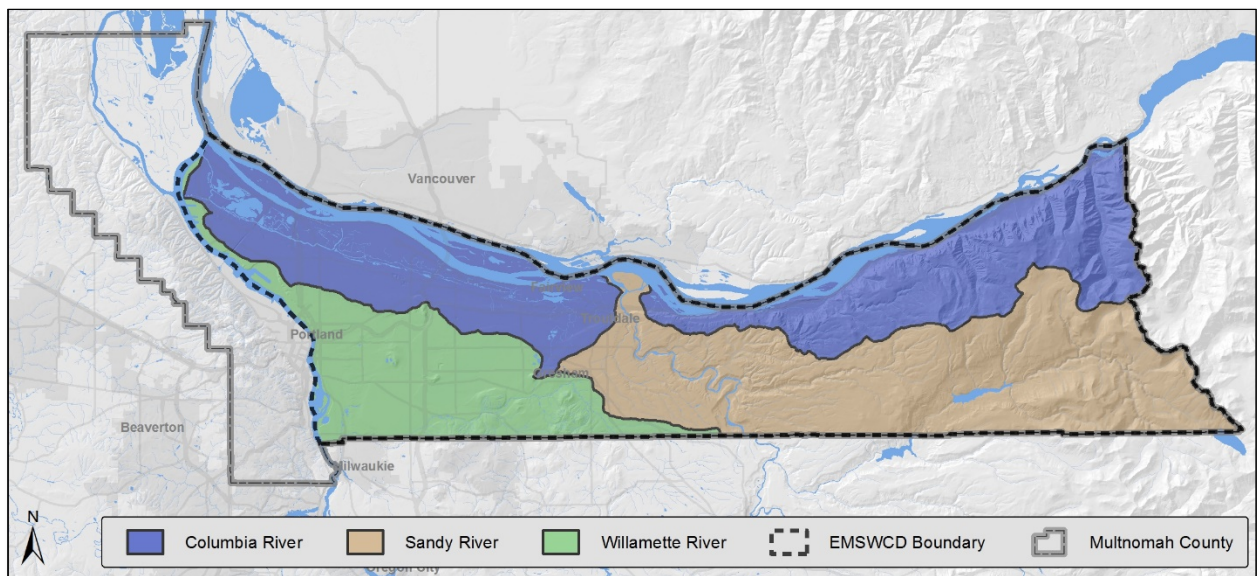
2. Introduction

The EMSWCD serves approximately 700,000 residents who live and manage land east of the Willamette River 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.



A board of five directors, two associate directors, and one director emeritus guided the policy and program direction of the EMSWCD in FY17-18. The daily operations of the EMSWCD were led by an Executive Director and implemented by 20 full time staff, one part-time seasonal employee and a part-time intern. 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 Organizational Vision, Mission, Values, and Strategic Goals

In January 2015, the EMSWCD Board of Directors approved an updated five-year strategic plan that identified the vision, mission, broad goals, and organizational values below.

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

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

Broad Strategic 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.*

2.2 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. Individual staff and EMSWCD-wide work plans are established early in each fiscal year, reporting on progress is completed quarterly and at the end of the fiscal year. Budgeting is initiated at the mid-point of each fiscal year and completed by the end of the 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.

Annual activities are guided by the 5-year strategic plan for the organization, which was reviewed and updated at its midpoint. FY17-18 was the last year EMSWCD operated under the revised 2012-2017 Strategic Plan, and planned work was undertaken this year towards the formulation of a new strategic plan to guide the next 5-year period.

The primary purpose of this FY17-18 Annual Report is to document the progress EMSWCD has made from July 2017 through June 2018. Progress is measured relative to the activities that were planned for in the EMSWCD’s FY17-18 Annual Work 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.



3. EMSWCD Governance

3.1 Board of Directors and Committees

The EMSWCD Board of Directors is the governing body of the EMSWCD. As the governing body, 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 to help provide continuity on the board and maintain operational consistency. Conservation districts can expand capabilities by appointing associate directors and directors emerita. Associate directors and directors emerita 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.

During FY17-18, the EMSWCD Board was composed of three zone Directors, two at-large Directors, two Associate Directors, and one Director Emeritus (see Table 3 and Table 4). Zone 1 Director, Nelly McAdams stepped down in April 2018, after 4 years of service on the EMSWCD Board. The Zone 1 Director position remained vacant for the remainder of the fiscal year, as the Board was unable to identify a suitable candidate that met the requirements for appointment to the position. In FY 16-17 a recruitment and selection process was conducted for associate directors, and in August 2017 two new Associate Directors, Carrie Sanneman and Mike Gerel, were appointed to the Board.

During FY17-18, EMSWCD had five standing board committees: Land Legacy Committee, Personnel Committee, Grants Committee, PIC Committee, and SPACE Committee. Board member assignments to the committees during FY17-18 are shown in Table 2. The EMSWCD zones associated with the zone Directors are shown in Map 4. The Board met once per month during the fiscal year. 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. The schedule of board and committee meetings that took place in FY17-18 is shown in Table 3.

Table 2: Board Directors and Committee Assignments

EMSWCD Board (2017-2018)			EMSWCD Committees						
Members	Positions	Officers	Budget	Land Legacy	Personnel	Grants	PIC ²	CLIP	SPACE
Nellie McAdams	Director - Zone 1	Vice-Chair	X		X	Chair			
Laura Masterson	Director - Zone 2		X	Chair	X			X	
Mike Guebert	Director - Zone 3	Treasurer	X	X	Chair				X
Rick Till	Director - At-Large 1	Chair	X	X		X	X		
Allison Hensey	Director - At-Large 2	Secretary	X	X				X	
Carrie Sanneman	Director - Associate		X	X					X
Mike Gerel	Director - Associate		X	X		X	X		
Dianna Pope	Director - Emeritus								

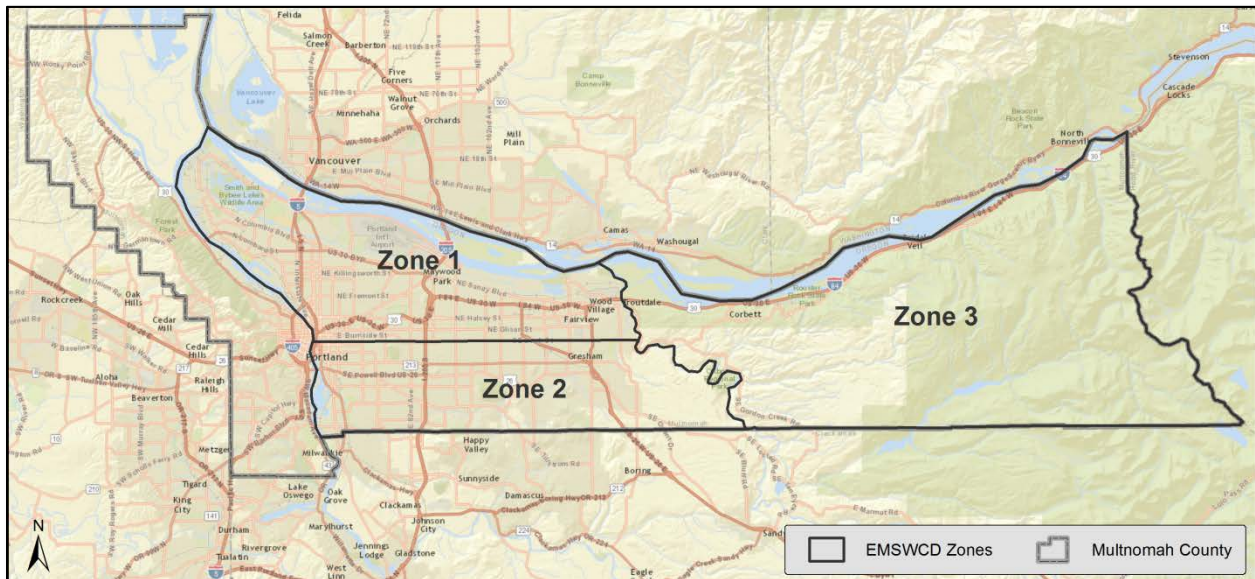
² External Committee members in 2018 included: Jennifer Devlin (BES); Sheilagh Diez (Metro); Daniel Evans (LCEP); Monica McAllister (Nadaka Nature Park); and Jennifer Aron (farmer).



Table 3: FY17-18 Board and Committee Meeting Dates

Meeting Dates								
Year	Month	Board	Budget	Land Legacy	Personnel	Grants	PIC	SPACE
2017	July	10		31	10			No formal meetings held; monthly work conducted
	August	7						
	September	11		25	5	19		
	October	2						
	November	6		27				
December	4							
2018	January	8		22				
	February	5						
	March	5	5	26	13		1	
	April	2	2					
	May	7	7	21				
	June	4						

Map 4: District Zones



3.2 Executive Director

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 FY17-18 include:

- Led the district-wide strategic planning effort undertaken during FY18-19;
- Led the five-year strategic partnership with three local watershed councils;
- Initiated and led outreach efforts to identify candidates for the Zone 1 Board Director position and associate director positions;
- Continued engagement with partners, such as the Multnomah County Farm Bureau, West Multnomah Soil and Water Conservation District, USDA Natural Resources Conservation Service, and the Oregon Association of Conservation Districts (OACD);
- Engaged local government leaders in diversity, equity, and inclusion;



- Represented OACD on the Oregon Agricultural Heritage Program Governor’s work group;
- Revised and improved internal policies and procedures; and
- Represented EMSWCD in a legal matter, including a public trial which took place in January 2018, that was decided in EMSWCD’s favor.

3.3 District-wide Initiatives

3.3.1 Equity, Diversity and Inclusion

FY17-18 saw EMSWCD step up efforts to advance equity, diversity and inclusion through the work of the organization, building on the initial work by the internal Equity Team undertaken the previous year. EMSWCD launched a year-long equity training and planning process with the Center for Equity and Inclusion (CEI) in the summer of 2017. The process was kicked off by a three day ‘awareness building’ training attended by all staff in August. This was followed by a similar one-day training for board members. Throughout the remainder of the year, EMSWCD staff and board continued building awareness through a curriculum that included articles, films, and books, as well as regular small group meetings for discussions.

Starting in early 2018, the Equity Team and Management Team met monthly with CEI in all-day follow up sessions, during which the group developed a draft equity plan for EMSWCD. The work with CEI continued throughout FY17-18, after which the draft equity plan will be further developed and refined. It is anticipated that the first iteration of the EMSWCD Equity Plan will be finalized in FY18-19. Once finalized, the plan will help guide EMSWCD on its path towards becoming a more inclusive organization and developing programs that effectively serve the region’s diverse communities.

3.3.2 Strategic Planning

This year EMSWCD embarked on a strategic planning process to develop the next 5-year plan for the organization. This work included briefing presentations at the board and committee meetings during the first quarter, as well as a three-day board/staff planning retreat held in November 2017 (Figure 1). Considerable time also went into understanding the budget projections for the organization, modelling the cost requirements for some programs, and debating trade-offs and contingencies among the EMSWCD’s current programmatic offering and possible expanded programming and new initiatives. This planning effort was ongoing at the end of this reporting period. It is anticipated that the strategic plan document will be finalized in FY18-19.

Figure 1. EMSWCD Board and staff, November 2017





4. Finance and Operations

The Finance and Operations unit consisted of 3.5 FTEs (full-time-equivalents), including Chief of Finance and Operations (CFO), Office Manager, Facilities Manager, and Marketing and Media Manager. For budgetary purposes the Executive Director is also included in Finance and Operations costs. The operating and capital budget for Finance and Operations during FY17-18 was \$740,890. 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, board/committee coordination, 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 FY17-18 Work Plan are provided in Appendix 3. The FY17-18 Work Plan identified 36 specific activities related to Finance and Operations, of which 26 (or 72%) were completed, five (or 14%) were not completed as planned but had substantive progress made and are likely to be completed soon, and five activities (or 14%) did not have substantial progress made.

4.1 Financial Management and Budgeting

In November 2004, a permanent property tax rate limit for 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 \$4.7 million in revenues during FY17-18. Revenues from property taxes represented the largest source of new funding for FY17-18, accounting for 93% of total new funding sources. The beginning balances of carry-over funds from previous fiscal years, including capital funds and reserves, represented the largest source of EMSWCD funding available for FY17-18 at \$9.1 million (see Table 4 and Figure 2).

The total EMSWCD budget for FY17-18 was \$14.2 million (see Table 5 and Figure 3). Of this, the total amount allocated for program expenditures in FY17-18 was \$13.03 million. The Conservation Legacy Programmatic unit had the largest program budget at \$10,488,533, as this included funding available for land purchases and grants to external agencies.

The budgeting process for the subsequent fiscal year, FY18-19, was initiated in January 2017 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 FY17-18 included:

- Completed the FY16-17 financial audit;
- Managed FY17-18 finances to stay within budget limits and meet all legal requirements; and
- Managed the FY18-19 budget process to create a balanced budget that met with the approval of Budget Committee and the TSCC.

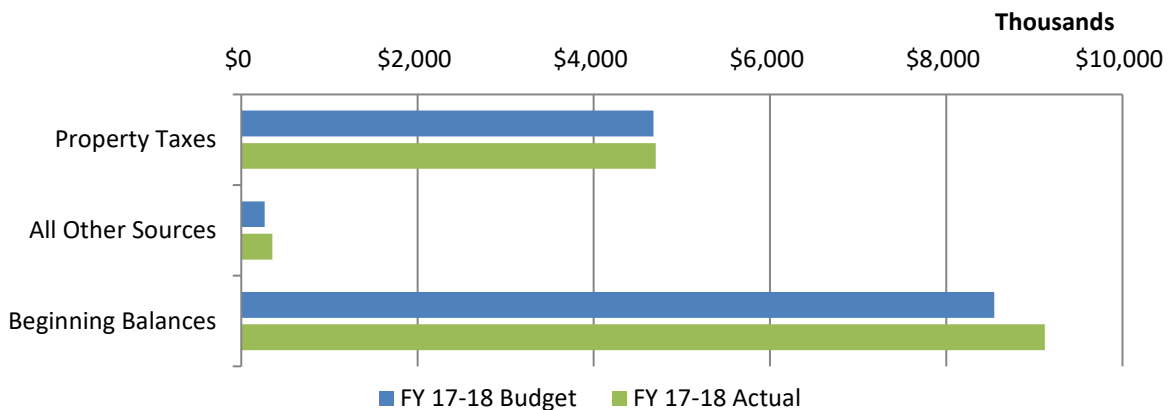
Appendix 2 provides an audited summary statement regarding the EMSWCD's revenues, expenditures and changes in fund balances for FY17-18. The comprehensive FY17-18 financial statements and respective notes can be accessed at the EMSWCD's office or online at: www.emswcd.org.



Table 4: FY17-18 Budgeted vs. Actual Revenues

	Source	Purpose	FY17-18 Budgeted	FY17-18 Actual	Variance
New Revenue	Taxes	Property taxes	\$4,677,672	\$4,704,593	\$26,921
	Grants	ODA Administrative Grant	\$23,546	\$23,546	\$0
		ODA Focus Area Funding	\$54,942	\$54,942	\$0
		Partner Grants pass through	\$25,000	\$0	(\$25,000)
	Income	Events: Native Plant Sale	\$35,000	\$37,435	\$2,435
		Farm lease payments	\$28,400	\$52,475	\$24,075
		Miscellaneous	\$12,000	\$14,214	\$2,214
	Interest	General Fund interest on bank/investment accounts	\$23,000	\$52,495	\$29,495
		Conservation Fund interest	\$58,000	\$100,291	\$42,291
		Projects & Grants Fund interest	\$11,000	\$16,551	\$5,551
Sub-total new revenues			\$4,948,560	\$5,056,542	\$107,982
Carry-over funds	Beginning balances	General Fund carry-over from prior FY ³	\$1,880,245	\$1,685,650	(\$194,595)
		Conservation Fund carry-over from prior FY	\$5,932,426	\$6,275,740	\$343,314
		Projects & Cost Share Fund carry-over from prior FY ⁴	\$731,670	\$1,158,839	\$427,169
	Sub-total carry-over funds			\$8,544,341	\$9,120,229
Total			\$13,487,057	\$13,492,901	\$14,176,771

Figure 2: FY17-18 Budgeted vs. Actual Revenues



³ Actual General Fund carry-over of \$1.68M, includes intentionally unspent contingency funds and unappropriated funds, the latter of which is held in reserve for the following fiscal year expenses until tax revenues are received.

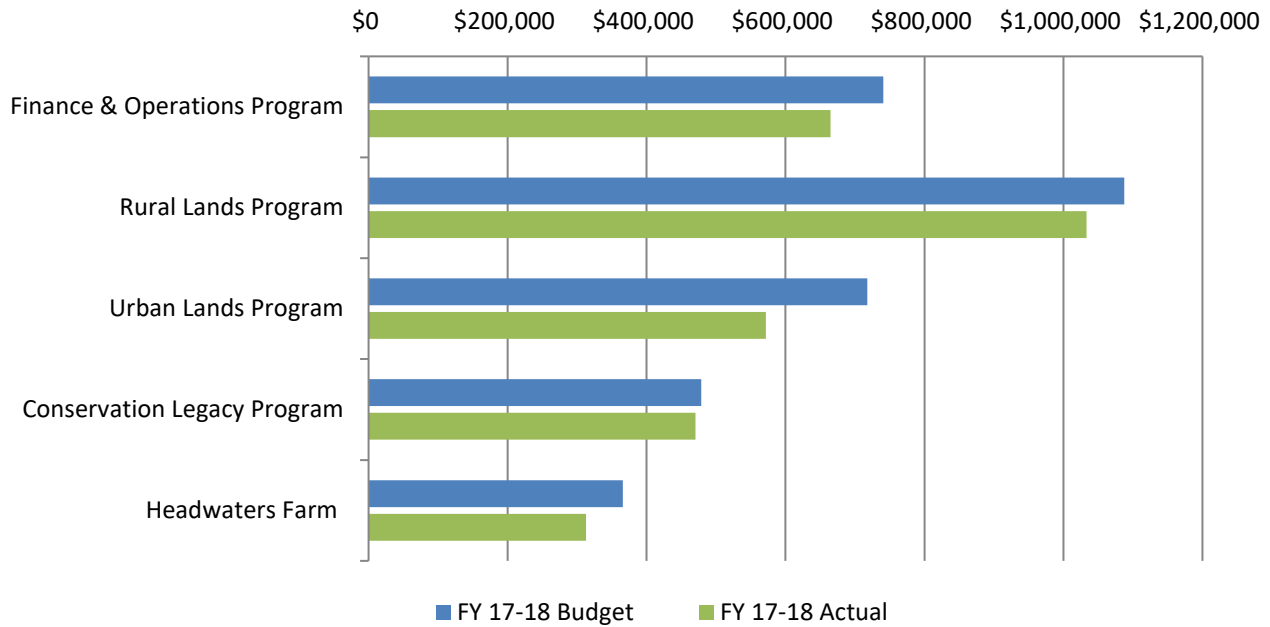
⁴ Projects & Cost Share Fund carry-over constitutes previously committed grant funding for external entities.



Table 5: FY17-18 Budgeted vs. Actual Expenditures

Category		Purpose	FY 2017-18		
			Total Annual Budget	Actual Expended	% of Budget Expended
Operations	Finance & Operations	Staffing, facilities, and operations	\$740,890	\$664,708	90%
	Rural Lands	Staffing, contracting, and operations	\$1,087,457	\$1,032,977	95%
	Urban Lands	Staffing, contracting and operations	\$717,922	\$571,667	80%
	Conservation Legacy	Staffing and operations	\$478,589	\$470,267	98%
	• Headwaters Farm	Farm-specific staff and operations	\$365,948	\$312,972	86%
Sub-total Operations			\$3,390,806	\$3,052,591	90%
Capital, Grants, Contingency, & Unappropriated	Land Conservation Fund	Acquisitions	\$7,683,426	\$751,124	10%
	Grants	External grants	\$1,960,570	\$998,260	51%
	Partner Grants Mgt.	Pass through funds	\$25,000	-	0%
	Contingency Funds	Unanticipated costs	\$298,218	-	0%
	Unappropriated Funds	Funds held in reserve	\$850,000	-	0%
Sub-total Grants, Funds and Reserves			\$10,817,214	\$1,749,384	16.2%
Total EMSWCD Budget			\$14,208,020	\$4,801,975	33.8%

Figure 3: FY17-18 Budgeted vs. Actual Operations Expenditures





4.2 Office Management, Human Resources, Board & Committee Support

Throughout FY17-18, 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, and human resources administration.
- Boards and committees: Served as Clerk for the Board of Directors, preparing for, coordinating and hosting all board and committee meetings.

Significant accomplishments in FY17-18 included:

- Planned and executed a three-day retreat for the five-year Strategic Plan.
- Recruited for three new positions. A new Office Manager and an Intern for the Urban Lands Program were hired and onboarded during the fiscal year.
- Solicited vendors for a new phone system to replace the old phone system which was at maximum capacity. The goal was to move to a cloud-based VoIP system and invest in a new conference phone system. The vendor was chosen and system purchased in FY17-18 (and subsequently installed in FY18-19).

4.3 Facilities Management

During FY17-18, 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 at N. Williams Avenue in Portland, Oregon; 2) the Headwaters Farm located on Orient Drive near Gresham, Oregon; and 3) the Oxbow and Mainstem Farm properties located east of Gresham, in unincorporated Multnomah County.

Significant accomplishments in FY17-18 included:

- Researched, solicited proposals for, and engaged a contractor to perform major maintenance and improvements to the N. Williams headquarters, mainly the breakroom. It was decided to hold off on this project until the next fiscal year.
- Assisted the Land Legacy Program Manager leading up to and after the purchase of Mainstem Farm adjacent to Headwaters Farm, and assisted with the facilities maintenance requirements on another 20-acre farm under contract.
- Assisted the Headwaters Farm Program Manager with major infrastructure and maintenance projects at Headwaters Farm, which resulted in increased efficiency and ease of farm operations, including the storm water project along the main and north roads and additional parking on the north side of the barn.

4.4 Information Technology

EMSWCD owns and operates the standard office and field-related information technology (IT) tools and systems necessary to complete its mission. IT responsibilities are shared between the Finance and Operations staff, supported by a contracted IT service provider. In collaboration with one another, they acquire and maintain EMSWCD-owned phones, computers, tablets, projectors, recording and other devices, as well as purchase and maintain various software solutions being used.



Significant accomplishments in FY17-18 included:

- Conducted a review of EMSWCD's needs regarding contracted IT support services, collected bids from alternate vendors, and selected and contracted with TeamLogic to provide IT support services.
- Worked with the new contracted IT company to do a comprehensive IT system check, evaluate needs, and plan and install upgrades including: updating and replacing outdated network hardware, installing new local backup system, peripherals and company server.
- Worked extensively to transition staff to new cloud-hosted email system and create/configure profiles on new server network, and to troubleshoot conflicts and issues arising from the transition.

4.5 Marketing and Media

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 and 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.

Significant accomplishments for FY17-18 included:

- Analyzed comprehensive survey of constituent awareness, comprehension, perceptions of ease of access and opinions of EMSWCD. Integrated findings with 2015 survey and other data to prepare and deliver a report on marketing methodology, data and trends to the Board during a strategic planning retreat, and selected target growth goals.
- Developing several new materials and guides to further streamline EMSWCD messaging and improve outreach. Continued refining visual branding, created trifold brochure templates and new program trifolds, new program event displays, postcards, new outdoor signage amongst other products.
- Worked with a contractor to perform an extensive overhaul of the website for optimization and improved performance: optimized plugins and resource calls, cut page size by 50% and number of assets requested by 60%, and page load time from 4 seconds to 0.7 seconds.



5. Rural Lands

The Rural Lands Program, with seven FTEs, operated with a total budget of \$1,087,457 for FY17-18. The program provided technical information, capacity, and financial assistance to help landowners improve and 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 outreach and engagement, providing consultations to rural landowners, and monitoring water quality in two streams. Throughout FY17-18, two FTEs focused on landowner consultations and site improvements 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 FY17-18 Work Plan are provided in Appendix 4. The FY17-18 Work Plan identified 13 specific activities related to Rural Water Quality Improvement, of which 11 (or 85%) were completed and two (or 15%) are still in progress or were not completed to the planned target numbers.

5.1.1 Outreach and Engagement

During FY17-18, EMSWCD continued its work with rural landowners to help them improve and protect natural resources on their properties, with a focus on water quality. Landowners found out about EMSWCD services through word of mouth, direct mailings, advertisements, and outreach events like the Oregon Association of Nursery's Far West show. Some landowners contacted the EMSWCD with questions by phone or email. Others preferred that staff visit their property to identify site-specific conservation opportunities.

A total of four workshops were held with a total of 95 attendees. Topics this year were mud and manure, native plants, a listening session with nurseries regarding erosion prevention, and irrigation efficiency. A new outreach idea, 'office hours', were held at a local grange hall as a new way to reach landowners that want to meet staff before scheduling a site visit. A field demonstration of installation of erosion prevention products at nurseries was attended by 10 people.

5.1.2 Landowner Technical and Financial Assistance

A total of 48 technical assistance site visits were conducted with landowners in FY17-18. Three cost share projects were implemented this year; two were conversions to drip irrigation and the third was for farm road improvements for erosion prevention.

Three successful cost share applications were approved for funding through EMSWCD's Cooperative Landowner Incentive Program (CLIP) and will be implemented during FY18-19. One was for the use of temporary erosion prevention products at a nursery, another for soil water monitoring for irrigation water management, and the last for rain water harvesting and drip irrigation at an urban farm.



Erosion Solutions: To overcome the barriers to addressing erosion, the results of a survey of nurseries was used to develop a new program area called Erosion Solutions. In addition to developing an outreach strategy and materials, staff were able to present the new program area and get feedback from local producers at a listening session and grower meetings. In addition, design work for a large erosion prevention project at a nursery was initiated and will be implemented during the summer of 2018.

5.1.3 Monitoring

EMSWCD Rural Lands staff collected monthly water quality samples at five sites in upper Johnson Creek, a tributary to the Willamette River, and at three 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 three sites in each watershed to collect data between May and October of 2018. Continuous temperature loggers were also installed for the second time in the Big and Smith Creek watersheds. Three loggers were deployed in Smith Creek and two were deployed in Big Creek.

This is the seventh year of monitoring in Johnson Creek and the sixth 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. As an example of the water quality monitoring data, Figure 4 illustrates the number of days, on a seven-day average, a monitoring site in upper Johnson Creek exceeded the temperature standard.

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.

Map 5: Water Quality Monitoring Locations

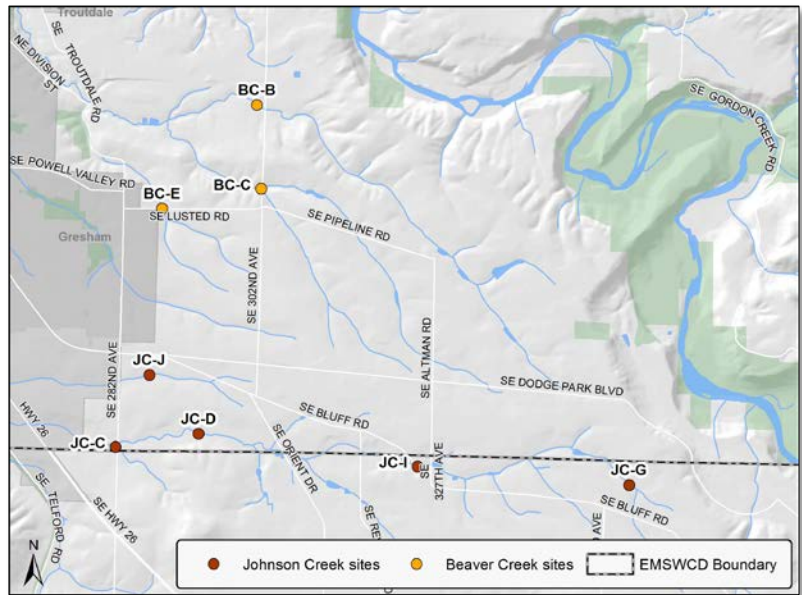
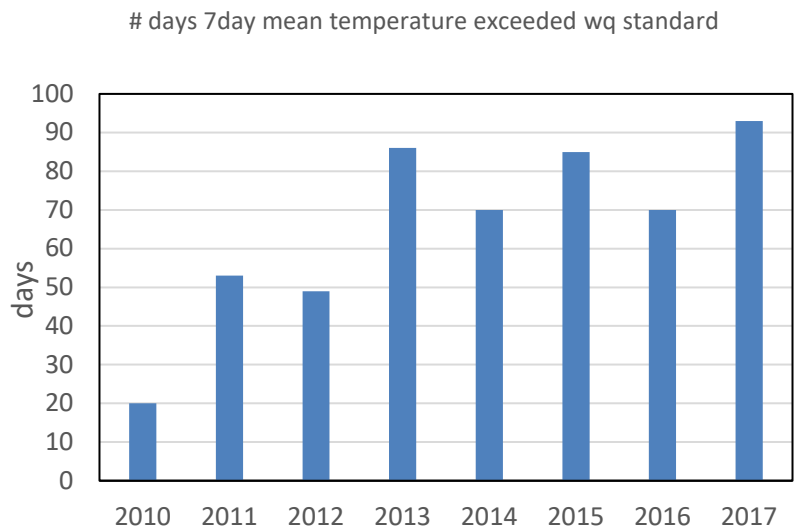


Figure 4: Johnson Creek at 282nd Water Quality Data

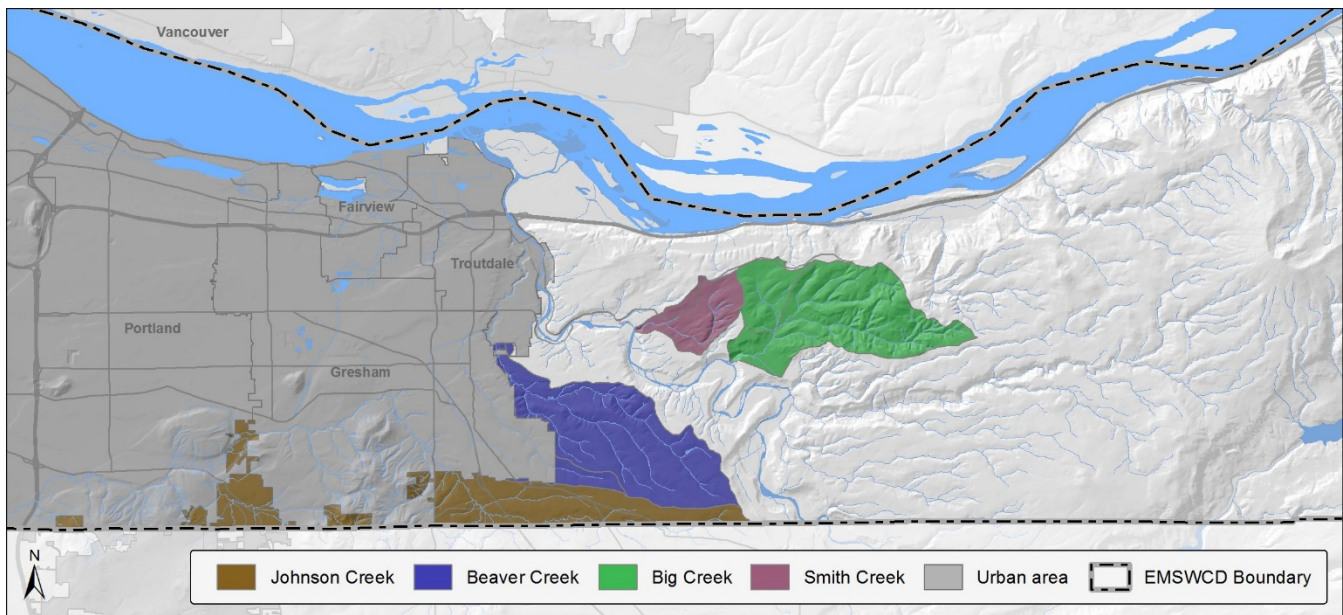




5.2 StreamCare

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 FY17-18 Work Plan are provided in Appendix 5. The FY17-18 Work Plan identified eight specific activities related to StreamCare. Six (or 75%) were completed, and two (or 25%) were not completed as planned. StreamCare staff were also responsible for management and improvement of the Dianna Pope Natural Area (DPNA). Information regarding the DPNA can be found in Section 7.2.3 of this report.

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 Creeks (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. At the end of FY17-18, there were 197 sites enrolled in the StreamCare program. Table 6 provides a summary of the sites, miles, and acreage affected by StreamCare in FY16-17 and since the start of the program.



Table 6: StreamCare Sites Summary

StreamCare Results	FY17-18	Total all years
New sites prepared and planted	7 sites	197 sites *
Area of new sites	18 acres	719 acres
Stream miles of new sites	0.63 miles	26 miles
Native trees and shrubs planted on sites	18,900 **	432,568
Sites graduated	28	79
Sites cancelled	1	20

* includes all currently enrolled as well as graduated and cancelled sites.

** includes Oxbow Farm forest and hedgerows at Oxbow and Headwaters.

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 during FY17-18. 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 have, and discuss what to expect from the site as it matures. 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.

5.3 Weed Control

Throughout FY17-18, 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 FY17-18 Work Plan are provided in Appendix 6. The FY17-18 Work Plan identified 14 specific activities related to weed control, of which 13 (or 93%) were completed and one activity (or 7%) was not completed.

The primary weed species targeted for control 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.

The Eagle Creek fire started on September 2, 2017 and by the time the fire was declared contained on November 30, 2017 it had impacted 48,000 acres. Road and trail closures due to the fire limited access to areas through the fiscal year that would normally be treated for false brome, knotweed, old man’s beard (*Clematis vitalba* on Map 7 below) and ivy. Discussions were initiated with the US Forest Service and Oregon State Parks to plan for weed control after access is possible. Next fiscal year, work in the burn area will focus on the control of weeds that limit the natural re-generation of native plants.

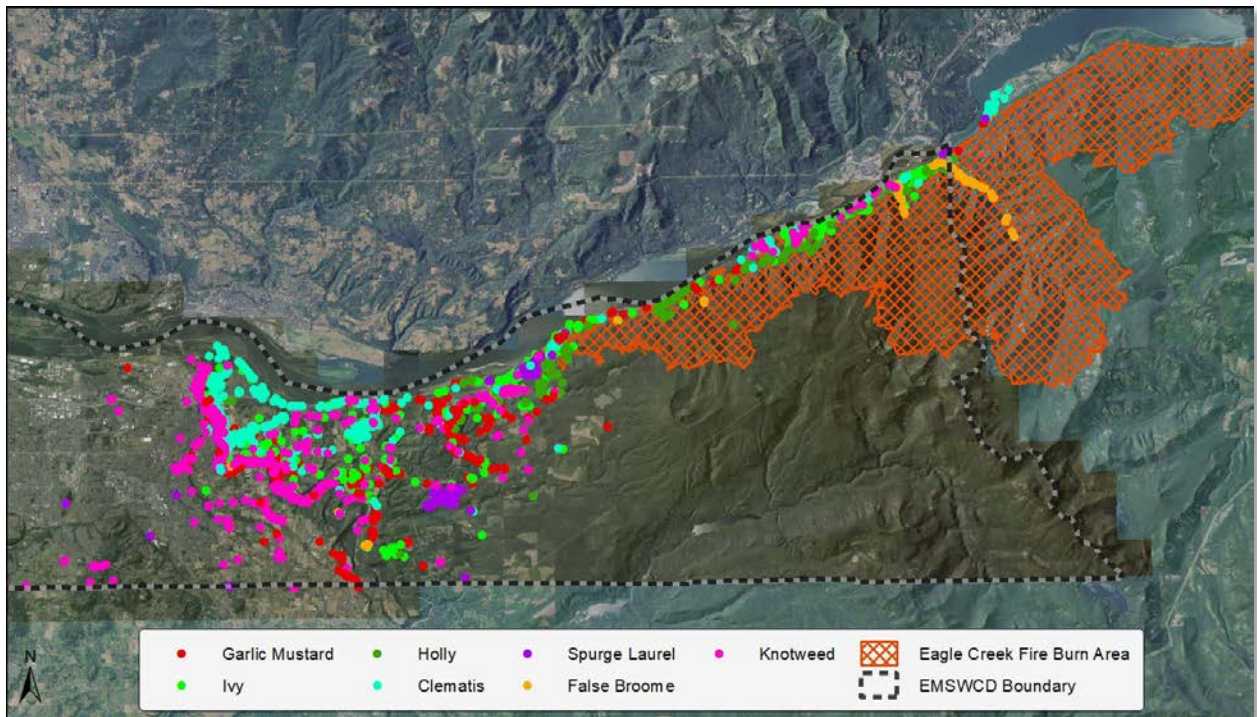


Figure 5. Multnomah Falls surrounded by mosaic burn left by the Eagle Creek Fire



(photo credit: Trip Jennings/Balance Media)

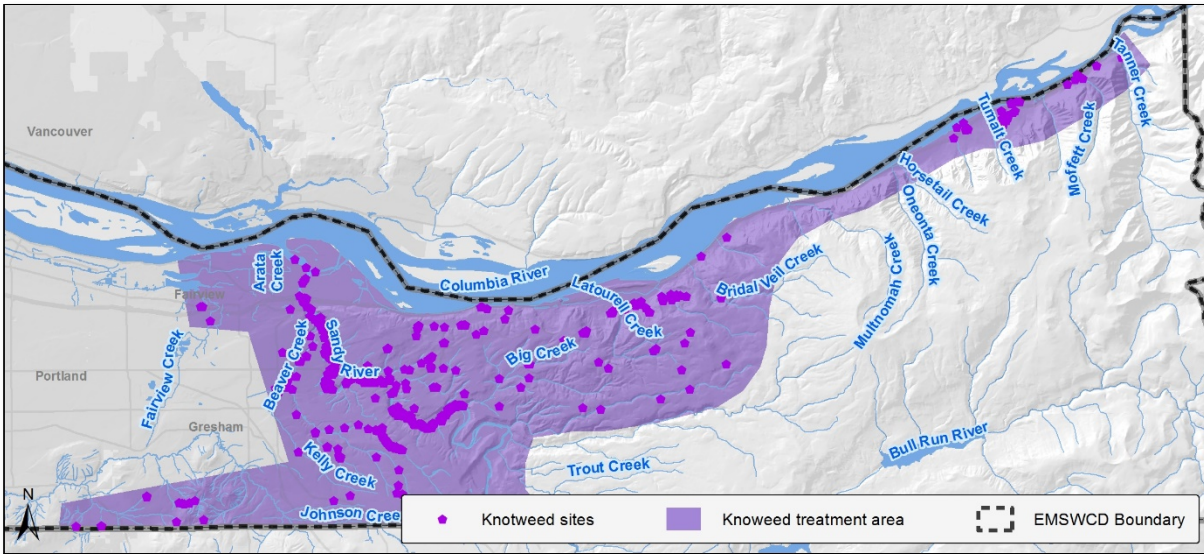
Map 7: Eagle Creek fire and weed control locations



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 were surveyed, and 1.14 acres 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 of 4 acres identified an infested area of 1,516 square feet.

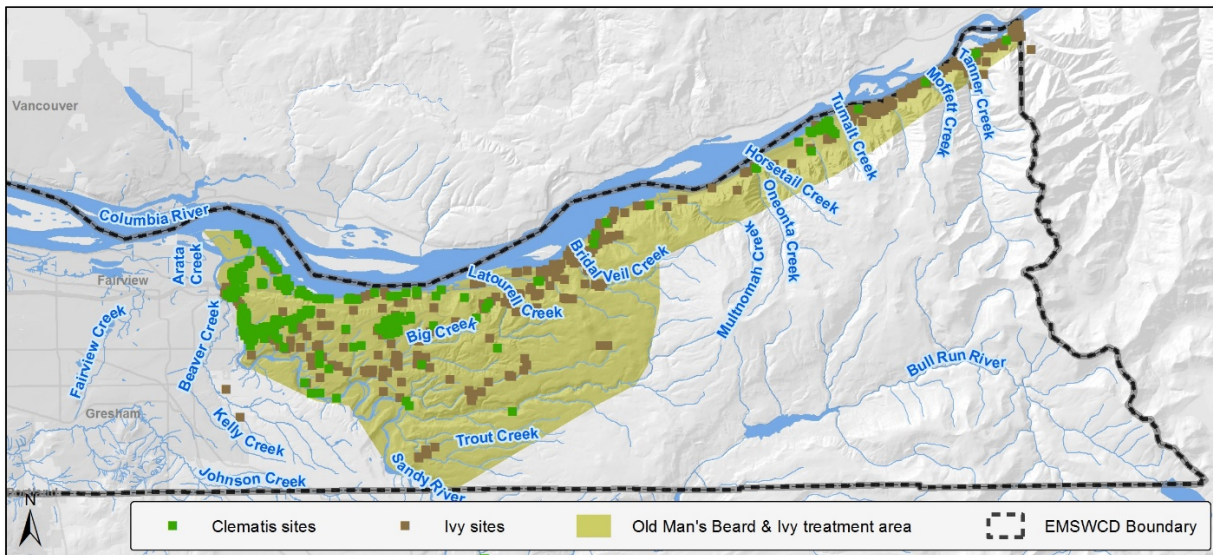


Map 8: Knotweed Survey Area



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 FY17-18 (see Map 9), but efforts were limited because of the Eagle Creek fire. An area of 12 acres was surveyed for new infestations leading to the discovery of 0.5 acres. For both species, control totaled 2.5 net acres across a gross area of 17 acres. Both species climb and have a negative impact on trees due to both the weight of the vines and the competition for light.

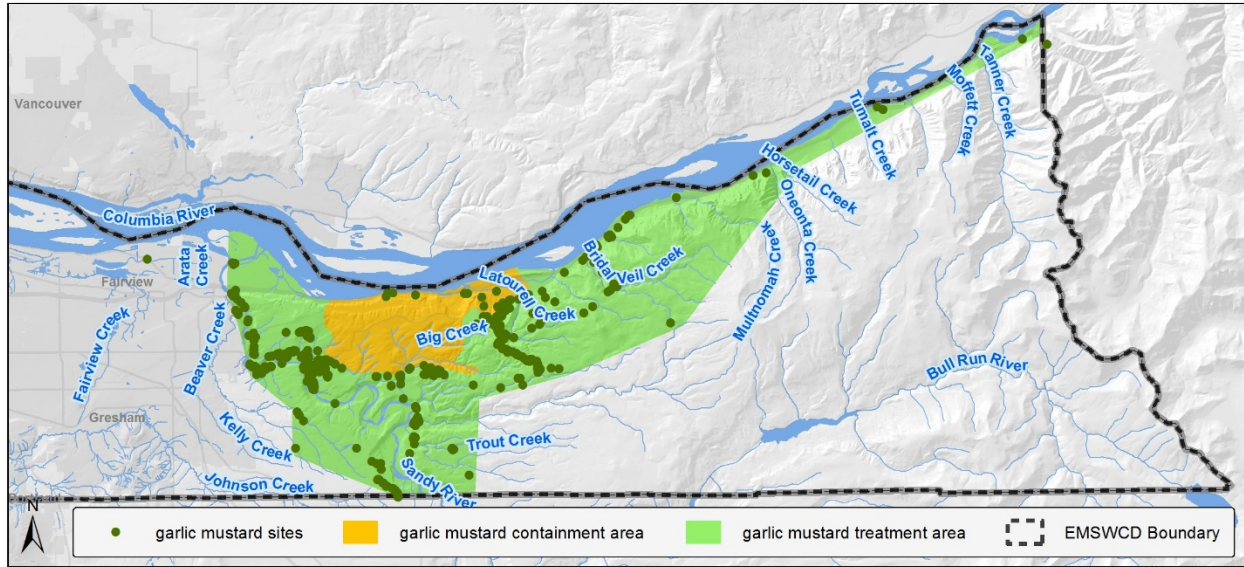
Map 9: Old Man’s Beard and Ivy Treatment Area





The garlic mustard project focuses on preventing spread from a containment area around Corbett to new locations (see Map 10). A net area of 6.5 acres of garlic mustard was treated in the fall of 2017, and 0.7 acres were treated across 57 acres in the spring. Garlic mustard is rarely found in new locations outside of the containment zone and the EMSWCD objective of annually eliminating all known reproductive plants outside of the containment zone is being achieved. Five acres were surveyed in the fall for new infestations, but no new infestations were found. In the spring, 0.31 acres of infestation was found across 7 acres surveyed.

Map 10: Garlic Mustard Containment Area



6. 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 FY17-18, the Urban Lands staff consisted of four FTEs, one part-time intern, and operated with a budget of \$717,922. The Program fosters a stewardship ethic in the urban landscape by encouraging people to incorporate resource conservation and pollution prevention into everyday life. With over 600,000 urban residents within EMSWCD’s service area, program efforts help individuals make a difference by introducing them to the benefits of incorporating green/sustainable 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 workshops and presentations, educational outreach and materials, web tools, annual events such as the very popular native plant sale and the Naturescaped yards tour, technical and financial assistance, and through large-scale demonstration projects.

A narrative summary of major accomplishments related to Urban Lands activities is provided in Sections 6.1 - 6.10, while details relative to the FY17-18 Work Plan are provided in Appendix 7. The FY17-18 Work Plan identified 36 specific activities related to Urban Lands, of which 28 (or 78%) were completed, eight (or 22%) were in progress with success likely in future.



In April 2017, the Board approved the creation of a part-time internship position that would assist in the management of the program’s workshops. This position was a resounding success and efforts are in place to continue the internship engage the next intern.

Table 7 provides a summary of public participation numbers for presentations, workshops, and events related to Urban Lands activities. In total, 93 separate presentations, events and workshops were held that resulted in over 3,759 public contacts.

Table 7: Summary of Public Participation in Urban Lands Activities

Presentations/ Workshops/ Events		# Held	# Attendees
General	Conservation Corner Tours	5	97
	Outreach Presentations	7	187
	Tabling at Partner Events	13	1191
<i>Sub-total</i>		25	1475
Events	Annual Native Plant Sale	1	824
	Annual Naturescaped Yards Tour (10 yards)	1	302
<i>Sub-total</i>		2	1126
Workshops	Native Plants Workshops	13	286
	1 hr Sustainable Landscaping presentations	14	205
	Naturescaping Workshops	10	217
	Rain Gardens Workshops	9	158
	Urban Weeds Workshops	6	127
	Beneficial Insects Workshops	5	44
	Pollinator Workshops	9	121
<i>Sub-total</i>		66	1158
TOTAL		93	3,759

6.1 Reaching New Audiences

The Urban Lands program is 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: To continue reaching new communities in urban east county, staff made further progress implementing the outreach strategies identified in the East County Outreach Strategy that was developed in FY2015/16. This working plan continues to help ensure that Urban Lands staff are strategically expanding services throughout the EMSWCD service area. In FY 17-18, staff met with 15 community groups and organizations and continues to engage and collaborate with traditionally underserved communities to increase program participation and impact in East Portland and East Multnomah County.

To deepen our relationship with new community groups, in FY 17/18, Urban Lands staff helped coordinate EMSWCD’s *Small Projects and Community Events (SPACE)* Grants. The SPACE grants program is a helpful tool to reach new audiences. Urban Lands staff worked with grantees to support their community projects, provide technical support, and link them to complementary Urban Land’s services and events. You can find more detailed information about SPACE Grants in the Grants Program narrative of EMSWCD’s Annual Report.



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

Workshop Diversification: In order to expand our reach into communities un/der-served by our previous efforts, Urban Lands staff began to experiment with the both the variety of workshops and with the delivery method. This year, the program experimented with a walk-and-learn pollinator workshop taught in Spanish. With the lessons learned from this successful pilot-project, staff have begun to outline a plan for how to implement more culturally responsive workshops moving forward. The program also continues to diversify the topics of the workshops, specifically regarding length (two hours instead of four hours), locations (actively promoting workshops east of 82nd Avenue), and timing (week nights rather than strictly on weekends). It is hoped that with these added variations, EMSWCD services will be accessible to more 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 offering Continuing Education Credits/Units (CEC/CEUs), and-partnering on the development of online tools designed to assist these groups as well as through our large-scale demonstration projects and technical assistance.

Jurisdictional Partners: Urban lands staff maintains a close working relationship with the cities of Gresham and Portland. Staff have also reached out to our partner jurisdictions of Troutdale, Wood Village, and Fairview to discuss how, through partnering, the EMSWCD and these jurisdictions can improve water quality within our mutual boundaries.

6.2 Naturescaping

Workshops and Presentations: Throughout FY17-18, the Urban Lands team promoted naturescaping by providing free workshops and hosting the annual Naturescaped Yard Tour.

During FY17-18, the following workshops were provided related to naturescaping:

- Introduction to Naturescaping: 6 presentations, 72 people; and
- Naturescaping Basics: 10 workshops, 217 people.

Naturescaped Yard Tour: The 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 took place on May 12th and featured ten yards, 35 volunteers, and attracted 302 visitors. This year the tour also 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 residents how to use rain gardens and other techniques to manage stormwater runoff on their property. These include presentations, workshops, technical assistance, and incentives.



Workshops and Presentations: During FY17-18, the following workshops and presentations were provided related to rain gardens:

- Introduction to Rain Gardens: 6 presentations to 76 people; and
- Rain Gardens 101: 9 workshops for 158 people.

Rain Garden technical assistance and “Rain Garden Registrations”: EMSWCD continues to support rain garden installation and education throughout our service area. In FY 17-18 staff responded to 23 inquiries about rain gardens. Most constituents were seeking technical advice but some had already used our materials to construct their own, and were contacting us to register them. Eight rain gardens were registered in FY17-18 and a total of 115 rain gardens have been registered since registration began in 2008. For every inch of rain that falls, these 115 gardens capture more than 74,000 gallons of rain. Urban Lands staff also provided 32 stormwater and/or drainage related technical consultations to EMSWCD residents during FY17-18.

Financial Incentives: Implementation of rain garden financial incentives in the City of Gresham was continued in FY17-18. 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, 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. In FY17-18, one homeowner finished their garden and received a \$200 reimbursement. Looking forward, staff are exploring new methods and tools to better encourage and incentivize the installation of stormwater solutions in high-priority urban areas, and to expand our services to more equitably serve all eligible urban residents.

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 the waterways and aquifers that provide the region’s drinking water supply. To help conserve water resources, EMSWCD provides 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 their food crops that require summer water. EMSWCD also provides technical assistance for, and encourages where appropriate, the installation of greywater and large-scale rainwater harvesting irrigation systems to reuse water out in the landscape. The program also encourages other water conservation practices such as drip irrigation, lawn reduction, planting native and drought-resistant plants, etc.

Technical Assistance: Urban lands staff provided eight water conservation consultations. These consultations involved questions about rainwater harvesting, greywater, and planting and mulch/soil recommendations. Many residents are interested in installing rain barrels for summer garden irrigation, and UL staff have developed a site-specific water-use analysis worksheet that helps people determine their watering needs and site storage capacity. This helps them decide which water conservation system will best meet their needs and budget.



Greywater: 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 subject area. In FY16-17, EMSWCD met with partners to discuss the need and creation of the Greening with Greywater project, a collaborative effort of Greywater Action, Recode, Depave, and others. For this new collaboration, EMSWCD provided guidance, grant funding, and hosted initial meetings and workshops to help this initiative get underway. In FY17-18 EMSWCD now promotes Greening with Greywater through website content, directing constituents to their resources, and providing technical assistance when applicable.

6.5 Native Plants

Willamette Valley 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 habitat. 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.

Workshops: EMSWCD's native plant workshops teach residents about the benefits of native plants and introduce native plant identification and maintenance techniques. EMSWCD worked closely with community partners and contracted presenters to provide 13 native plant workshops for 286 people. These were typically held on weekday evenings.

Native Plant Sale: EMSWCD's native plant sale is unique within the region in that it focuses, almost exclusively on bare-root trees and shrubs, ensuring customers receive quality native plant stock at inexpensive prices. During the January-February 2018 native plant sale, 83 volunteers were engaged, and 12,467 native plants were sold to 824 customers. The sale generated \$37,401 in revenue.

Native Plants Web Tool: In partnership with members of the Adult Conservation Education 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 is working to create a mobile-friendly, visually appealing, in-depth native plants database. In FY17-18, work was done to refine the data being entered into the tool, work began on the initial design aspects of the site and the first iterations of the online interface were developed. 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 urban weeds have been developed. Additionally, EMSWCD is helping to develop and fund a web-based Integrated Pest Management tool.

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 FY17-18, the program provided 6 backyard weeds workshops to 127 participants. These were typically held on weekday evenings.

Solve Pest Problems Web Tool: Throughout FY17-18, staff continued to work in partnership with the Solve Pest Problems team, formerly WOIRC (Western Oregon IPM Resources Collaborative). This collaborative which includes Oregon State University Extension, Metro, City of Portland, City of Gresham, and others, is working to create an online tool to help urban residents, master gardeners, and landscape professionals manage their pests with the best possible methods. In FY17-18, staff attended stakeholder meetings, helped to guide the planning, provided input on needs and design, and contributed \$50,000 in funding for web tool development and engagement with underserved communities.

6.7 Wildlife Habitat

Improving wildlife habitat is one of three priority goals for the Urban Lands Program. The program provides technical assistance to help homeowners create and maintain wildlife habitat within the urban areas of the district. Additionally, 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, new workshop topics were added to the program's offering. To assist with this effort, EMSWCD contracted with a local entomologist to offer workshops on both pollinators and beneficial insects.

Technical Assistance: This year, Urban Lands staff provided 69 wildlife habitat related consultations. These consultations ranged in topic from mulch and planting recommendations, to invasive weed control, reducing chemicals on the landscape, year-round practices to improve habitat, and garden practices that encourage pollinators. In response to requests from community gardens and constituents, UL staff also drafted a new "Pollinator Friendly Practices" handout to complement pollinator friendly plant lists.

Workshops: Beneficial insect workshops introduce participants to the invertebrates that provide free pest control around the clock. Emphasis is placed on plants and best practices that will attract and provide habitat for beneficial insects that will help their garden thrive. In FY17-18, the program provided 5 beneficial insect workshops to 44 participants. Pollinator workshops introduce participants to the different kinds of pollinators commonly found in gardens. Participants discover plant palettes to help attract and support pollinators, and learn about ways to provide shelter, water, nesting, and overwintering sites. In FY17-18, the program provided 10 pollinator workshops to 121 participants.

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 eco-roof, a composting toilet, permeable pavement and paving, naturoscaping, 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.

Educational Signage: 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 updated plant labels with more



informative, sturdier signage throughout the demonstration area. Urban Lands staff continues to develop educational materials about existing sustainable features and reviews the site and facility for additional implementation opportunities.

Virtual Tour: Staff have been collaborating with a former Geoscience Instructor and member of the Greater Portland Sustainability Education Network to help create a virtual tour that showcases the sustainable practices that have been implemented on EMSWCD's property. This tour will be included in the network's library as a part of a larger project titled, "Virtual Walkabouts for Sustainability."

Tours: Tours and use of the Conservation Corner in FY17-18 included:

- Five tours to 97 people, including two classes from Portland Community College, two classes from Kairos PDX Charter School, and one Sabin Community Development Corps summer work crew;
- Over 730 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.

Maintaining existing and establishing new demonstrations on-site: 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 handles infrastructure maintenance, Urban Lands staff in FY 17-18 took on primary responsibility for overseeing landscape maintenance, including managing annual and project-specific contracts, seasonal task prioritization, and overseeing work crews. This has resulted in closer collaboration between the technical and outreach aspects of our program and will improve our program's on-the-ground expression at our facility.

Nature Notes: This year staff also developed a new outreach tool, Nature Notes, that brings on-site naturalist observations to our constituents. This fun and accessible teaching tool demonstrates the immediate, tangible impacts of Naturescaping.

6.9 Large-Scale Demonstration Projects

FY15-16 marked the beginning of a new direction for the Urban Lands Program with the addition of large-scale, transformative demonstration projects. During FY17-18 the Urban Lands staff continued to expand upon this work and engage with new partners and projects.

Mt. Hood Community College Salmon-Safe Retrofit: During FY17-18, the Urban Lands Program continued to engage 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 to produce a prioritized list of 23 green retrofit opportunities. This year the partnership used this prioritized list to engage additional partners, obtain additional funding, and began work on the top three priority projects identified in the needs-assessment. The partnership hired OTAK, a design and engineering firm, to create engineering plans for the retrofit of parking lots E, F, G, H and A, as well as preliminary concepts for the retrofit and redesign of one of the main campus courtyards. These projects were selected using ranking criteria and ranked high primarily due to their heavy use/pollutant load and high visibility.



6.10 Urban Cost-share and Technical Assistance

The Urban Lands Program provides technical assistance to a wide range of audiences on a myriad of topics, such as invasive plant control, stormwater management, water conservation, wildlife habitat creation and enhancement (noted in several sections above). Staff make a special effort to reach out to all jurisdictions and underserved communities, and to make our services and materials accessible via multiple languages and delivery formats.

Cost Share: Some projects, if eligible, receive funding through EMSWCD's cost-share program, Conservation Landowner Incentive Program (CLIP). The CLIP cost-share program offers private landowners and managers financial assistance to implement significant conservation practices in high-priority areas of the district. In accordance with EMSWCD's long-range strategic planning goals, and in collaboration with jurisdictional partners, Urban Lands staff worked to revise the Urban CLIP program to better meet EMSWCD needs, improve the district's ability to serve residents in high-priority areas, and provide services in a more equitable manner.

Technical Assistance: This year, EMSWCD responded to 126 Technical Assistance requests, surpassing the annual target by more than 50%. Staff also consulted with and/or presented to several Homeowners' Associations and Community Development Corporations about implementing more sustainable landscaping practices, including: removing lawn, reducing the amount of highly-manicured ornamental landscaping, mulching instead of leaf blowing, naturescaping, and removing invasive plants. Technical assistance on these projects is on-going and may become eligible for cost-share assistance as EMSWCD refines its long-term goals. UL staff increased efforts to connect with underserved and non-English speaking communities, providing technical assistance through site-visits and translators, and also provided technical advice to support recreational and environmental planning efforts led by non-English-speaking communities and communities of color.

EMSWCD strives to be a leader in providing the most up-to-date information to all who contact us for assistance. We have received calls from across the country from individuals and organizations who found our online information to be some of the best available, and from individuals who have no source of local information. EMSWCD staff also makes every effort to assist local policy-makers and conservation practitioners by researching various issues and presenting our findings in a variety of formats. Topics UL staff researched this year included tree of heaven treatment, rainwater harvesting systems, and winter salt application impacts and best management practices.

7. Conservation Legacy

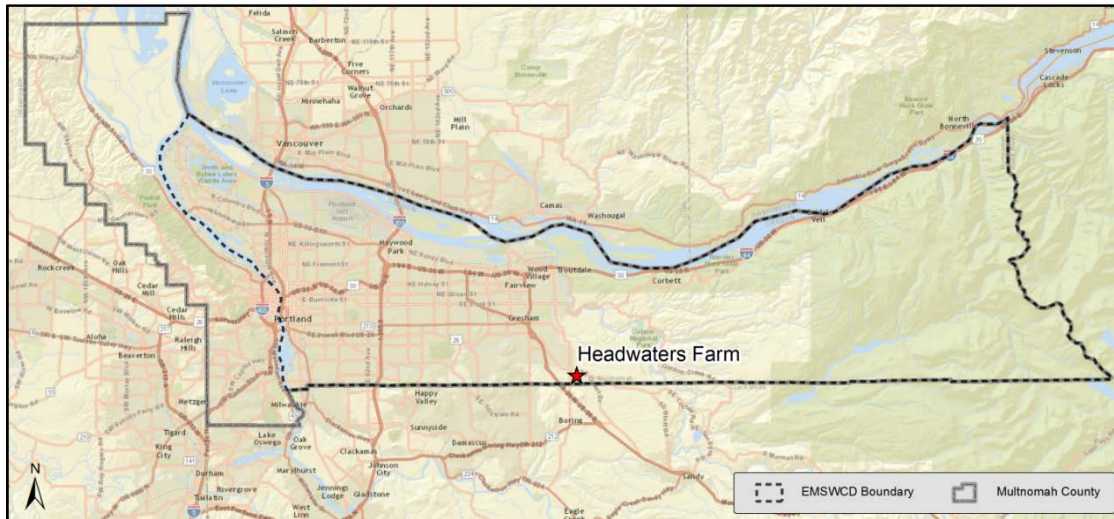
The EMSWCD's Conservation Legacy team, which consisted of 4.87 FTE and an operational budget of \$844,537 in FY17-18, helps other entities, such as conservation and environmentally-oriented public and private organizations, schools and community organizations, and private rural landowners, create a conservation 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 by supporting beginning farmers establish viable farm businesses and be good stewards of land.



7.1 Headwaters Farm and Incubator Program

EMSWCD's Headwaters Farm is located in the southcentral part of the district, on the outskirts of Gresham, Oregon (see Map 11). Headwaters is a 60-acre parcel, of which approximately 30 acres is farmland that is available to incubator farmers (see Map 12). This area is divided into nineteen blocks. There are an additional 14 acres consisting of the Dianna Pope Natural Area which contains riparian corridor along the North Fork of Johnson Creek. There is also a two-acre privately owned residential inholding within the farm.

Map 11: Location of Headwaters Farm



Headwaters Farm serves 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 networks. 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.

During FY17-18, the Headwaters Farm and related Headwaters Incubator Program were staffed primarily by 1.87 FTE's, a full-time Headwaters Farm Program Manager, who was assisted by the EMSWCD Facilities Manager (0.5 FTE) and a part-time and seasonal Headwaters Operations Assistant (0.37 FTE). While assisted from time to time by other EMSWCD staff, together, these three positions were responsible for site development and management, and the farm incubator program development and management. The operational budget, including capital improvements, for the Headwaters Program in FY17-18 was \$365,948.

A narrative summary of major accomplishments for Headwaters is provided below while details relative to the FY17-18 Work Plan are provided in Appendix 8. The FY17-18 Work Plan identified 35 specific activities related to Headwaters and HIP, of which 30 (or 86%) were completed, four (or 11%) is in progress and will be completed in FY18-19, and one (or 3%) was not completed.



7.1.1 Program Management

As part of the strategic planning process EMSWCD embarked on during FY17-18, the Headwaters program goals and objectives were refined, and effort was put into scoping possible additional programming at the farm as well as the development of a potential new facility that would function as an office and meeting venue amongst other possible functions. This planning effort is ongoing and will continue into FY18-19.

Map 12: Headwaters Farm





The five-year plan was not finalized and approved this year as planned and will be revisited and finalized after the EMSWCD strategic planning process has been completed. Relative to the activities identified in the FY17-18 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 serves as an agreement with incubator farmers);
- Applicant vetting, interviews, and participant acceptance; and
- New farmer orientation, mid-season check-ins, and end-of-year meetings.

7.1.2 Headwaters Incubator Program

2018 was the sixth growing season that the HIP program has been operational. The end of the 2017 season also saw the first cohort of farms, who all started in 2013, graduate from the program. Other farms have graduated before their five-year window at Headwaters Farm concluded.

Farmer recruitment and retention: A major component of incubator program management is recruiting participants and assisting new farmers get established with their operations. In the fall of 2017, ten applications from new farmers were submitted to HIP for the 2018 farm season. Of these, four new farms were accepted into the program, making a total of 14 farms operating through HIP on roughly 18 acres during the 2018 growing season (see Table 8).

Table 8: FY17-18 HIP Farmers

Farm	Acres Leased	Farm Business Type	Sales Outlets	Years in HIP
Alquimia Botanicals	0.25	Herbs/Value Added	Farmers Markets/Wholesale	5
Full Cellar Farm	2.25	Mixed Veggies	CSA/Farmers Market	5
Rainbow Produce	0.66	Mixed Veggies	Direct	4
Wild Roots Farm	2.75	Mixed Veggies	CSA/Restaurants/Wholesale	4
Black Locus Farm	4.6	Mixed Veggies	Restaurants/Wholesale	4
Gentle Rain Farm	0.5	Mixed Veggies	Wholesale to Personal Cracker Business	4
Springtail Farm	0.25	Strawberries	Farm Stand/Distributors	4
Glasrai Farm	1.5	Mixed Veggies	Farmers Markets	3
Fawnlily Farm	0.33	Flowers	Markets/Weddings	2
Flying Coyote Farm	2.25	Mixed Veggies	CSA	2
Amica Farm	0.5	Mixed Veggies	Farmers Markets	1
Mora Mora Farm	0.5	Mixed Veggies	Farmers Markets	1
Nute Family Farm	1	Rabbits and Poultry	Farmers Markets/Restaurants	1
Rise Up Remedies	0.5	Medicinal Herbs	Wholesale to Processors	1
14 Farms	17.84			



Farmer 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.

One of the prominent formal training offered during FY17-18 was farm finance. This topic was taught by Andrea Krahmer of Northwest Farm Credit Service and Scott Neiman of the USDA's Farm Service Agency. It tied together important issues pertaining to land access, capitalization, and tools for reducing loan interest rates.

A recording keeping cohort was also established at Headwaters Farm. This program is an approach to estimating labor and production costs for better decision making and more accurate farm financial projections. This initiative is led by Oregon Tilth and Oregon State University's Extension Service.

Other trainings and workshops included:

- Bookkeeping – spearheaded by Kellee Boyer, Blackthorn Bookkeeping.
- Tractor Training – taught by the Headwaters Farm Program Manager.
- Nutrient Management – taught by the Headwaters Farm Program Manager.
- Irrigation Water Management – taught by Dean Moberg, USDA-NRCS Basin Resource Conservationist, and Jeremy Baker, EMSWCD's Senior Conservationist.
- New Farmer Orientation – led by the Headwater Farm Program Manager.

Countless one-on-one exchanges were conducted between the Headwaters Farm Program Manager and incubator farmers or between the farmers themselves that contributed to HIP farmer learning.

HIP Graduate Support: Four farms graduated from HIP at the end of the 2017 growing season, Abundant Fields Farm, Happy Moment Farm, Tanager Farm and Stadnikov Farm.

All of these operations continued in some capacity in 2019. Abundant Fields faced with the challenges of land access decided to scrap the mixed vegetable operation in favor of pastured poultry. Happy Moment Farm leased land in Washington and continued to produce vegetables, primarily for personal consumption. Tanager Farm expanded their operation in Corbett, Oregon growing a couple of acres for CSA and other direct sales. Stadnikov Farm leased land from a Headwaters neighbor where they kept bees and dry-farmed tomatoes.

Graduate support activities undertaken in FY17-18 included:

- Assisting with the preparation of the Mainstem Farm acquired by EMSWCD in 2017 (see Section 7.2.2) and the selection of a current HIP participant to lease the property starting from the 2019 season.
- Offering site development options for Abundant Fields Farm, when their goal was to remain in vegetable production.
- Providing ongoing access to various Headwaters Farm resources and trainings.

7.1.3 Site Management and Improvements

Several improvements were made to Headwaters Farm during FY17-18. The most notable addition to the farm was the construction of an auxiliary wash station that improves overall farm operations by reducing demand for space in the central barn washing facility. Stormwater management was also a big



undertaking this year, culminating in the development of a water conveyance ditch along the main driveway and an infiltration ditch and stormwater basin along the Northern Driveway. These improvements protect infrastructure and also demonstrate good natural resource management.

Other notable improvements to Headwaters Farm during FY17-18 included:

- Build-out of the fourth hoop house.
- An informational and branding sign on the storage container.
- A roof over the bin washing area.
- Added parking at the barn.

7.1.4 Resource Protection and Soil Health

Another big success was the continued use of cover crops to improve soil health and water quality at Headwaters Farm. Fall plantings of legumes and grains were used as a tool for remediating land and preparing it for crop production. Summer cover crops of Sudan Grass and red clover were used to improve soil conditions in fallowed fields. In areas with intense invasive weed pressure, silage tarps were used to smother weeds and improve the production quality in future seasons. This was an experiment attempt to eliminate problem weeds without heavy soil disturbance or chemicals.

A quarter-mile long native hedgerow was established along the western property line. This was done by blowing in mulch over agricultural cardboard to suppress weeds, and then planting shrubs during dormancy.

7.1.5 Outreach and Demonstration

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. Over a dozen tours were conducted, including tours for Oregon State University's Master Ecologists class, NRCS and West Multnomah Soil and Water Conservation District, various local farmer development programs, and prospective HIP applicants. Additional off-site outreach included opportunities at Small Farm School, the Oregon Small Farms Conference, and at the National Incubator Farmer Training Initiative's Field School.

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 HIP 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 outright acquisitions, easement interests or other interests, 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 by partner agencies or organizations for long-term management. In its agricultural work, the Land Legacy Program seeks to address a multitude of issues that challenge farmers, including access to farmland, affordability, sustainable practices and the generational transition of farm land. In FY17-18, the Land Conservation Fund (capital fund) available for property interest acquisitions was \$7,683,426.

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 FY17-18 Work Plan are provided in Appendix 9.



The FY17-18 Work Plan identified 27 specific activities related to the Land Legacy Program, of which 19 (or 70%) were completed, five (or 19%) substantively progressed but were not completed as planned, and three (or 11%) were not completed during the fiscal year.

7.2.1 Program Planning and Management

FY17-18 was the first full year for EMSWCD's new Land Legacy Program Manager. A significant component of the Manager's time was devoted to the necessary work of strengthening the foundational elements of the program, as well as contributing to organizational strategic planning efforts.

Programmatic accomplishments realized for the Land Legacy Program during FY18-19 included:

- Development of elements of the five-year program plan including the focus and outcomes of the Land Legacy Program, and a more detailed plan for the agricultural land protection component of the program.
- The production and refinement of foundational documents for the agricultural land component of the program, including intake and evaluation forms, transactional guidelines and template documents, a working farmland easement template and property interest management guidelines and template documents.
- The development of key resources for the agricultural land component of the program, including an analysis of working farmland easement values and the cultivation of relationships and partnerships with land conservation entities and support professionals.
- The development of outreach materials, including a new brochure for the working farmland protection program, and an overhaul of the working farmland protection component of the website. Outreach efforts also included press releases, social media efforts and newspaper articles on Land Legacy Program projects Grant Butte and Mainstem Farm, conversations with key agricultural sector leaders.
- A substantial overhaul of the Program's records management system, including a standardized process for and implementation of a filing system for District property interests and the identification and implementation of an electronic database for property interest recordkeeping and stewardship.

7.2.2 Agricultural Land Protection

EMSWCD's working farmland protection program works to keep agricultural land available for and in active production and, where possible, to improve access opportunities, affordability and the maintenance or improvement of agricultural practices, focusing efforts on the area east of the urban growth boundary and west of the Sandy River, excluding the urban reserve (see Map 13). While focus was given to strengthening the program fundamentals this year, significant progress was also made with acquisition projects, the details of which are given below. With many of the foundational elements of the working farmland protection program now in place, it is anticipated that more time will be dedicated to pursuing land protection and stewardship projects from FY18-19.

Mainstem Farm (fee acquisition): A 15-acre farm property neighboring EMSWCD's Headwaters Farm was identified and eventually acquired in fee, closing in February 2018. This nursery operation was at a high risk of conversion to non-agricultural use, as the owner was retiring, and the property had approval for an unrestricted residential dwelling; conversion would have negatively impacted not only this property, but also Headwaters Farm and other adjoining agricultural properties. And, there were opportunities to extend and enhance HIP programming given the proximity to Headwaters, as well as to engage in riparian enhancement efforts along the 450 feet of Johnson Creek that passes through the property.

The harvesting of the last of the remaining nursery stock was completed by May 2018. The fields were then prepared, and a cover crop established for the 2018 growing season. EMSWCD anticipates leasing the property to a Headwaters Incubator Program graduate from the 2019 season.

Map 13: Land Legacy Program Focal Area for Agricultural Land Protection

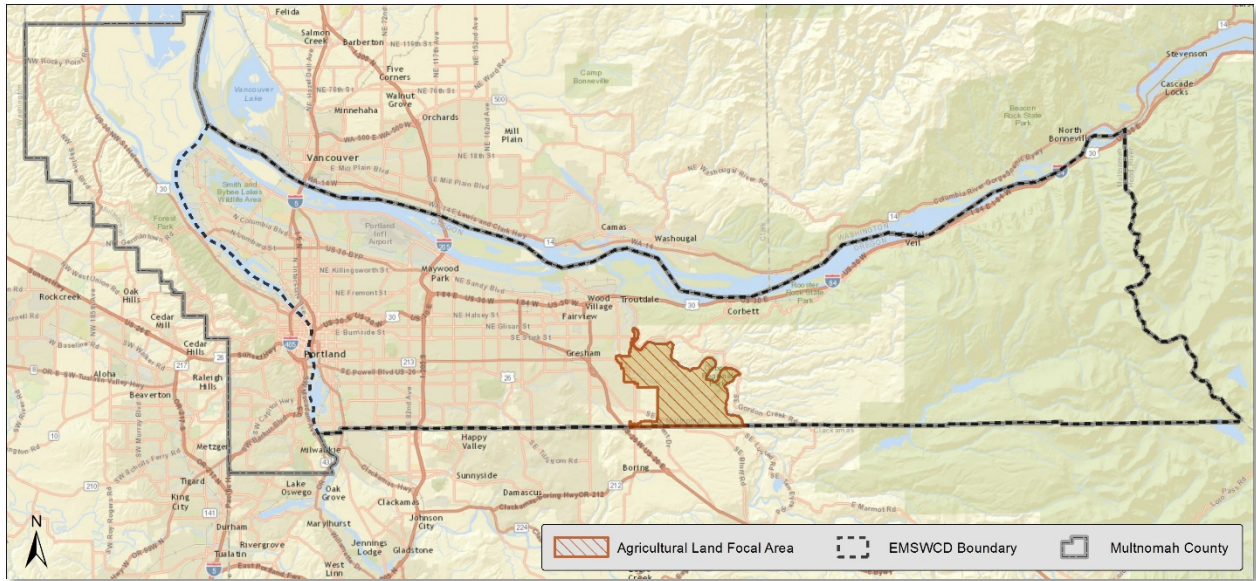
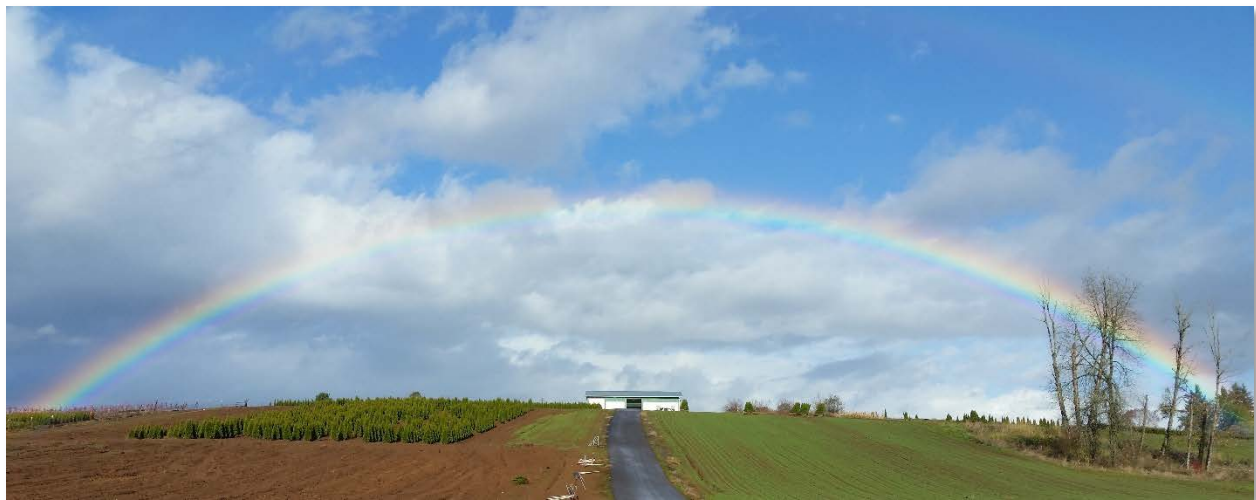


Figure 6. Mainstem Farm



Gordon Creek Rd Farm (fee acquisition and easement option): A 20-acre berry operation that was listed for sale was identified as being at significant risk of conversion to non/limited agricultural use. EMSWCD worked with the landowners to arrive at an agreement whereby EMSWCD would acquire the property, along with an option to acquire a working farmland easement on another 20-acre parcel under the same ownership. The purchase and option were brought under contract in FY17-18, and the acquisition of the property closed in September 2018. For 2019 the property will be leased for agricultural use, and a riparian corridor will be enhanced through EMSWCD’s StreamCare program.



Approximately ten other agricultural land protection opportunities were explored in FY17-18, some of which will continue to be pursued in FY18-19.

Oxbow Farm (disposition): In 2011, EMSWCD acquired the 57-acre Oxbow Farm property, which at the time was listed for sale. The property was subsequently leased back to two agricultural operators, and EMSWCD invested in habitat improvements on the property. After consideration of many options, EMSWCD listed the property for sale in April 2018. The property will be conveyed subject to a working farmland easement which will perpetually ensure the property remains in agricultural use, is operated in a manner that stewards on-site soil and water resources, helps ensure affordability and protects the contiguous forest habitat found on site. A buyer was selected in the fall of 2018, and it is expected that the transaction will close in 2019.

7.2.2.1 Agricultural Land Stewardship

Site stewardship activities include direct management of infrastructure, natural resources, and private/public use of any (non-office-related) properties owned by EMSWCD. At the beginning of FY17-18 EMSWCD owned two such properties, Headwaters Farm and Oxbow Farm, with the Mainstem Farm being added to the portfolio during the year (see Section 7.2.2 above). The Headwaters Farm, which also includes the Dianna Pope Natural Area, is addressed in this report in Sections 7.1 and 7.2.3.

In May 2017 EMSWCD acquired a 1.1-acre property adjacent to the entrance of Headwaters Farm, which is functionally being managed as part of Headwaters. In FY17-18 staff made progress with the clean-up and stabilization of the property, including the removal of unwanted structures and debris, and the demolition of the dilapidated house in August 2017. A grass cover was established to improve soil health and reduce stormwater run-off from the site. The property was identified as a possible location for the Headwaters farm office and a meeting venue. Effort was put into scoping possible options and their costs for a new facility on the site, as part of the organizational strategic planning process this year.

7.2.3 Natural Habitat Protection

EMSWCD is committed to protecting important habitats in the district by helping partners protect priority areas identified in conservation plans. The focus in FY17-18 was on identifying what the appropriate EMSWCD role would be for natural habitat protection in the context of the available resources of EMSWCD and the capacity and focus of potential partner agencies. To inform this process, discussions were had with all of the relevant regional conservation partners. EMSWCD identified that for the short-term it would continue to play a supporting role in the work of others, while also helping to build regional capacity and continuing to evaluate the appropriate role for EMSWCD.

Several natural resource properties were pursued in FY17-18 with potential partners, one of which progressed to closing.

Grant Butte: In partnership with Metro, EMSWCD built on its prior efforts to protect important habitat at Grant Butte. In December 2017, EMSWCD contributed funds towards the acquisition of an additional 15-acres of forested land which directly adjoins the Grant Butte natural area that Metro owns and manages. EMSWCD will continue to participate in a community stakeholder group that is working to define and implement a vision for the Grant Butte Natural Area.



Figure 7. Grant Butte



7.2.3.1 Dianna Pope Natural Area

EMSWCD currently owns and manages one natural area, the Dianna Pope Natural Area at Headwaters Farm. EMSWCD acquired Headwaters Farm in 2011 (see Section 7.1), and the restoration of the 14-acre riparian area along the North Fork Johnson Creek on the property was initiated shortly thereafter. In 2015, this 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. A Rural Lands staff serves as the manager of the DPNA. Staff completed the five-year Dianna Pope Natural Area Site Conservation Plan for the DPNA, and after a three-week public comment period for the plan, the final plan was approved by the Board of Directors in August 2017. The plan was updated in January 2018 to reflect changes and additional information.

During FY17-18, boundary markers were installed along the perimeter of the DPNA to clearly demarcate the boundary to neighbors and visitors to Headwaters. Maintenance was conducted within the DPNA, including weed control and planting 200 plants predominantly on the site where structures had been removed. Ongoing maintenance was ceased on two areas of the site where riparian trees and shrubs were established that were deemed free to grow. These sites represent diverse conditions and management prescriptions, and will serve as useful indicators of how StreamCare sites mature after graduation from the StreamCare program (see Section 6.2).

A monthly wildlife survey that began the previous year was continued this year and a first-year monitoring report compiled in FY17-18. Wildlife cameras installed at locations in the DPNA captured the presence of various wildlife species, including Wood Duck, Great Blue Heron and the resident beaver population (see Figure 8).

Figure 8. Beaver in the Dianna Pope Natural Area



7.2.4 New Parks and Natural Area Establishment

The Land Legacy Program also seeks to help secure access to open spaces for those residents that are currently lacking meaningful access. As part of the Strategic Planning process, EMSWCD evaluated what role EMSWCD would be best placed to play in these efforts, considering the context of available EMSWCD resources and the role and capacity of other entities doing this work. Similar to the Natural Area analysis, EMSWCD identified that for the short-term it would continue to play a supporting role in the work of others, while also helping to build regional capacity and continuing to evaluate the appropriate role for EMSWCD.

Undertaking an assessment to identify and prioritize potential access to nature opportunities within the EMSWCD service area was identified as a need for the year but was not pursued due to lack of staff capacity. This important task will be pursued in future when time allows.

Several access to nature properties were investigated or pursued in FY17-18 with partner agencies. These included properties within the Willamette River, Columbia Slough and Johnson Creek watersheds. None progressed to closing in this reporting period due to partner funding and/or management capacity challenges, though one project continues to substantially advance.



7.3 Grants

EMSWCD administers a multi-faceted Grants Program that helps fund projects that are led by external entities, which also help achieve EMSWCD's goals. In FY17-18, \$1,960,570 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 Incentive Program; 4) Strategic Partnership Agreements; and 5) Strategic Conservation Investments.

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 FY17-18 Work Plan are provided in Appendix 10. The FY17-18 Work Plan identified 17 specific activities related to the Grants Program, of which 13 (or 76%) were completed or largely completed. The remaining tasks were related to planning or partner coordination, which were postponed or cancelled, in favor of prioritizing the EMSWCD strategic planning process.

7.3.1 Partners in Conservation 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 two to three-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.

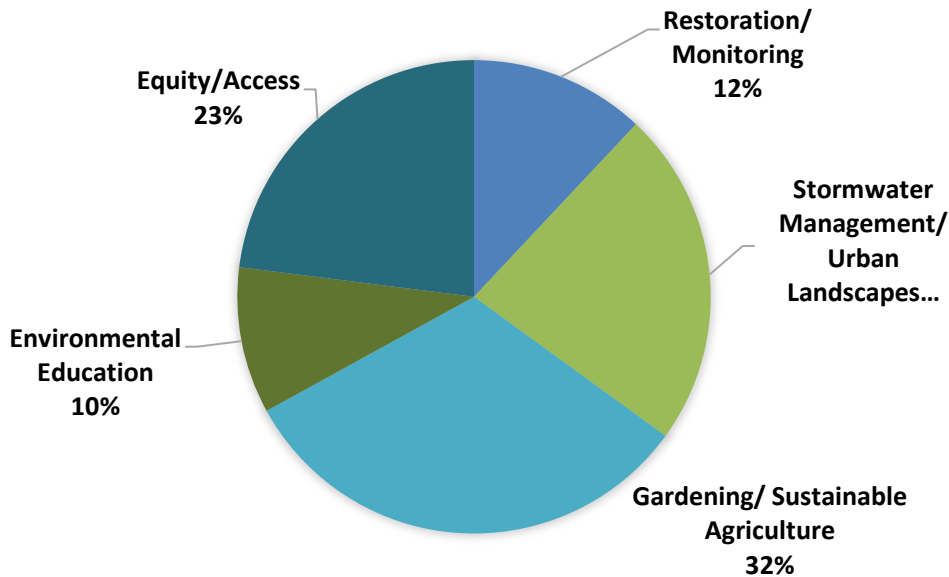
This year, EMSWCD awarded five PIC Plus 2-year grants of over \$100,000 each but funded somewhat fewer PIC grants overall compared to prior years. Supporting fewer projects with some larger grants may enable more significant impact in the long-term. Multi-year grants also reduce the administrative burden on organizations that return for successive funding each year.

During FY17-18:

- Out of 31 total grant applications submitted, the EMSWCD Board of Directors awarded 17 PIC grants in 2018, including five multi-year PIC Plus grants. Of those 17, one grant was withdrawn due to staff changes in the organization, and another has delayed contracting, pending the ability to secure match funds.
- Regular PIC grants ranged in size from \$6,530 to \$60,000. The average PIC grant size was \$24,000. The five PIC Plus grants ranged from \$75,000 to \$115,000.
- Thirteen PIC projects funded in 2018 involved underserved youth or communities in the district.
- A total of \$750,351 was awarded in PIC grants in 2018: 12% of funding went to restoration/monitoring projects, 23% to naturescaping/stormwater management, 32% to sustainable agriculture/urban gardening, 10% to environmental education, and 23% to equity/capacity building for underserved population (see Figure 9). It is important to note however that outcomes typically overlap for several of the PIC grant projects in these categories.



Figure 9: FY17-18 PIC Grant Funding by Category



A complete list of the awarded PIC grants in FY17-18 is given in Appendix 11. PIC and PIC Plus project highlights include:

- **Funded five PIC projects that support a variety of urban agriculture initiatives**, including the creation of two new community gardens by Grow Portland and Outgrowing Hunger and rehabilitation of several school gardens in low income schools in the EMSWCD service area. A second year of funding was awarded to Zenger Farm to continue their farmer internship program and to support their farm school program.
- **Funded three restoration, naturescaping and/or water quality monitoring projects**, including a project by Green Lents, establishing pollinator habitat in underserved neighborhoods with youth and community involvement. A grant was also awarded to Columbia Riverkeeper for monitoring E. coli in the Columbia River, along with restoration of select riparian sites involving a Native American work crew.
- **Funded one large scale, two-year restoration project in the rural part of the district**: The Lower Columbia Estuary Partnership received a two-year grant to assess feasibility and develop designs to consider alternatives for the restoration of lower Eagle Creek to benefit salmon, steelhead and lamprey.
- **Funded eight projects focused on environmental and/or garden education**. These included World Salmon Council’s Salmon Watch program to deliver watershed education related to salmon habitat to over 1500 students. In addition, for the first time, a grant was awarded to Adventures Without Limits to support underserved youth participating in rafting and kayaking trips that include environmental education lessons.
- **Funded two major projects that cross traditional sector lines and help to build alliances between conservation groups and community organizations**. The Friends of Trees adult workforce training initiative partners with three culturally specific non-profit organizations, one private tree care business, and a public agency. Green Lents, through its Green Ring program will work in collaboration with a housing development non-profit, a culturally specific non-profit and a local watershed council.



7.3.2 Small Project and Community Event Grants

Small Project and Community Event (SPACE) grants provided up to \$2,000 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 Executive Director gives final approval.

During FY17-18:

- Out of 48 SPACE grant applications, the EMSWCD Board of Directors approved 42 grant awards. One of these was later terminated prior to completion.
- A total of \$68,998 was awarded through the SPACE grant program for smaller community conservation and education projects and events.

A complete list of the awarded SPACE grants in FY17-18 is given in Appendix 12. SPACE grant highlights include:

- **Support projects that promote sustainable agriculture.** A SPACE grant provided funding for a summit of the Cully Food and Farm Alliance. The summit was designed to identify economic, educational, and workforce opportunities to strengthen the local food system and inspire participants to organize around particular areas of need.
- **Funded events focused on environmental education that reached at least 500 EMSWCD residents.** A SPACE grant supported the 16th annual Urban Ecology and Conservation Symposium. The Symposium provides a platform for presentations, discussion, and networking on the latest urban-related conservation science efforts in the region and the practical application of related ecological and social science research in the greater Portland/Vancouver region.

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 EMSWCD. Urban projects on private properties with springs, creeks, wetlands, or other water bodies are also eligible. The CLIP program provides up to 75% cost-share with up to \$10,000 per application. Applications can be submitted at any time and are approved by the Board of Directors. In FY17-18, CLIP projects received cost share funding commitments totaling \$71,813. Conservation practices include, for example, irrigation efficiency, weed control, erosion control, and revegetation and maintenance.

7.3.4 Strategic Partnership Agreements

In 2016, the EMSWCD entered into a five-year Strategic Partnership Agreement (SPA) with the three watershed councils that operate within the EMSWCD's service area; the Columbia Slough Watershed Council, the Johnson Creek Watershed Council, and the Sandy River 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 FY17-18, the second year of the SPA agreement implementation, EMSWCD awarded a total of \$250,000 under the SPA to support the operations and projects of the three watershed councils.



7.3.5 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 generally 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. One SCI grant was awarded during FY17-18 for \$20,000 to Oregon Agriculture in the Classroom for a project entitled *Where Should Development Go*. The project helps to develop a comprehensive resource to teach Oregon students in 6-8th grade about land use planning, specifically the balance of protecting agriculture and forestland while still accommodating population growth.

7.3.6 Line Item Grants

The EMSWCD's largest environmental education grant project for the last few years was the 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. An Oregon ballot initiative to fund Outdoor School, which the EMSWCD supported, passed in 2016 securing funding for Outdoor School at the state level. EMSWCD committed to three years of "gap" funding for Outdoor School until state funding could be obtained. In FY17-18, the new funding largely replaced the need for EMSWCD grant support for Outdoor School, with \$3,570 being spent to support student participation.

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 FY17-18 that reflect progress in this area include:

- The Grants Program adopted an on-line application and grants management system for SPACE that was put into operation in July 2018. This follows the earlier adoption of the online grants management system ZoomGrants for the PIC applications which was implemented for the 2017 PIC cycle. ZoomGrants enables on-line applications, awards, contracting, reimbursement administration and grant reporting in a centralized cloud-based system.
- As part of the EMSWCD strategic planning process, major accomplishments of the Grants Program for the prior three years (2014-17) were assessed, including summaries of grant project outcomes, funding amounts by subject area, distribution of grants by project types, and comparative grantmaking relative to other similar funders.
- Following an assessment of the existing grantmaking categories and goal statements as tools for helping EMSWCD achieve its grantmaking objectives, the Grant Program adopted revised program goals as part of the development of the next five-year EMSWCD strategic plan.

8. Next Reporting

As identified in Section 2.1, progress for the period July 2018 through June 2019 will be reported to the Board of Directors and the public through quarterly reports in October 2018, January 2019, and April 2019. The next annual report, the FY18-19 Annual Report, will be completed in September 2019.



Appendix 1: Board and Staff Directory

Board of Directors	Zone 1 Director	(Vacant)		
	Zone 2 Director	Laura Masterson		
	Zone 3 Director	Mike Guebert		
	At-large Director	Allison Hensey		
	At-large Director	Rick Till		
	Associate Director	Carrie Sanneman		
	Associate Director	Mike Gerel		
	Director Emeritus	Dianna Pope		
Executive Director		Jay Udelhoven	503-935-5352	jay@emswcd.org
Finance & Operations	CFO	Dan Mitten	503-935-5353	dan@emswcd.org
	Office Manager	Lindsay Nelson	503-935-5350	lindsay@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 Specialist	Jon Wagner	503-935-5369	jon@emswcd.org
	Outreach Specialist	Chelsea White-Brainard	503-935-5376	chelsea@emswcd.org
Urban Lands	Program Supervisor	Kathy Shearin	503-935-5365	kathy@emswcd.org
	Senior Conservationist	Whitney Bailey	503-935-5366	whitney@emswcd.org
	Outreach Specialist	Katie Meckes	503-935-5368	katie@emswcd.org
	Outreach Specialist	(Vacant)	503-935-5371	
	Urban Lands Intern	Brandi Boersma		brandi@emswcd.org
Conservation Legacy	Program Supervisor	Andrew Brown	503-935-5354	andrew@emswcd.org
	Land Legacy Manager	Matt Shipkey	503-935-5374	matt@emswcd.org
	Grants Manager	Suzanne Easton	503-935-5370	suzanne@emswcd.org
	Headwaters Manager	Rowan Steele	503-935-5355	rowan@emswcd.org
	Headwaters Assistant	Stuart Moeller		stuart@emswcd.org

Updated: 11/2/2018



Appendix 2: Financial Statement Summary

EMSWCD		EMSWCD	
Balance Sheet		Income and Expense Statement	
As of June 30, 2018		For the Year Ended June 30, 2018	
ASSETS		Expenses:	
Current Assets:		Soil and Water Conservation	\$ 4,101,952
Cash and investments	\$ 9,458,412		
Property taxes receivable	\$ 257,511	Program Revenues:	
Accounts receivable	\$ 5,673	Operating Grants and Contributions	\$ 78,488
Prepaid assets	\$ 1,015	Charges for Services and Sale of Products	\$ 89,910
Total current assets	\$ 9,722,611	Total Program Revenues	\$ 168,398
Noncurrent assets:		Net Program Expenses	\$ (3,933,554)
Land	\$ 4,361,746		
Capital assets, net of accumulated depreciation	\$ 1,196,124	General Revenues:	
		Property Taxes	\$ 4,643,666
Total assets	\$ 15,280,481	Interest Income	\$ 169,337
		Other Income	\$ 14,214
LIABILITIES		Total General Revenues	\$ 4,827,217
Current Liabilities:			
Accounts payable	\$ 369,783	Change in Net Position	\$ 893,663
Accrued payroll	\$ 17,466		
Other current liabilities	\$ 2,700	Net Position, Beginning of Year	\$ 13,913,895
Accrued compensated absences	\$ 82,974		
Total liabilities	\$ 472,923	Net Position, End of Year	\$ 14,807,558
EQUITY (NET POSITION)			
Invested in capital assets	\$ 5,557,870		
Restricted	\$ 1,158,839		
Unrestricted	\$ 8,090,849		
Total equity (net position)	\$ 14,807,558		
Total liabilities and equity	\$ 15,280,481		



Appendix 3: Finance & Operations Summary

Completed or progressing as planned, targets met or largely met	26/36	72%
Not completed as planned, but substantive progress made and success likely	5/36	14%
Not completed or progressing as planned	5/36	14%

FINANCE & OPERATIONS Annual Project Activities and Deliverables		Timeframe				YEAR END COMMENTS
		Q1	Q2	Q3	Q4	
Budget & Finance	Complete FY16-17 budget audit.	In progress	Complete	Complete	Complete	The audit was completed. No findings of interest. The report was presented to the Board in December 2017.
	Track FY17-18 budget.	In progress	In progress	In Progress	Complete	Ongoing and on schedule. Regular monthly budget reports have been created and distributed. No issues to report.
	Develop FY18-19 budget.	Not planned	Not planned	In Progress	Complete	Completed on schedule.
	Review Fiscal Policies and recommend changes as needed.	Not planned	Not planned	Not planned	No Progress	Not completed his year as planned. Moved to 2 nd quarter FY18/19 for new CFO to complete.
	Review Contracting Policies and recommend changes as needed.	In progress	In progress	No Progress	No progress	No further progress due to staffing issues.
	Complete an expense and revenue analysis of EMSWCD operations since inception of permanent property tax levy and report out on accomplishments.	In progress	In progress	In progress	No progress	No further progress due to reduced CFO hours and staffing issues.
	Review and monitor EMSWCD contractual agreements.	In progress	In progress	In progress	In progress	Continuous activity.
Office Management & Human Resources	General office support (e.g. reception, filing, travel arrangements, supply orders, meeting coordination, correspondence, workshop registration, events).	In progress	In progress	In progress	Complete	Completed on schedule.
	Information technology support to ensure properly functioning equipment and timely troubleshooting of technology problems.	In progress	In progress	In progress	Complete	Completed on schedule.
	Retain historical information per the state retention schedule, and maintain an organizational record keeping and archival system.	In progress	In progress	In progress	Complete	Completed on schedule.
	Work with UL/RL/CL staff to reorganize basement for efficiency and usability.	Not planned	In progress	In progress	Complete	Proceeded as planned. Work is ongoing, primarily led by other program staff.
	Work with Equity Team to identify and implement trainings, refine purpose and goals, and continue to	In progress	In progress	In progress	In progress	Proceeding and ongoing. Staff/board training was held in August. Follow-up meetings with CEI have occurred regularly. Staff and board are discussing equity



	move forward with incorporating equity, diversity and inclusion into organizational policy and program work.					“homework” readings and the Equity Team has begun the planning and implementation process.
	Collaborate with outreach and education staff to assess and evaluate the potential for expanded use of volunteers in EMSWCD’s activities.	No progress	No progress	No progress	No progress	This project had been put on indefinite hold as there does not appear to be a significant need for expanded use of volunteers.
	Research and recommend possible additional “employee well-being” benefits (e.g. HSAs, DCAPs, commute incentives).	Not planned	Not planned	Complete	Complete	Lindsay provided information on adding an FSA (flexible spending account) to our current benefits package. The FSA covers medical, dental, and DCAP support.
	Review health and other insurance benefits to determine if changes or enhancements are needed for upcoming fiscal year.	Not planned	Not planned	Complete	Complete	Other health and insurance benefits have been reviewed and at this time no changes are indicated. Open enrollment/renewal took place in May.
	Review and update Employee Handbook in conjunction with Personnel Policies.	In progress	In progress	In progress	In progress	Updating Policy Handbook as policies are created and approved. Significant progress made, but not completed.
	Plan logistics for and coordinate strategic planning retreat.	In progress	Complete	Complete	Complete	Board & staff planning retreat took place on November 6-8, 2017.
	Onboarding of 3-5 new associate directors.	In progress	Complete	Complete	Complete	Two new associate directors have been appointed and onboarded.
	Compile and provide an overview of EMSWCD’s HR policies and benefits in comparison to other agencies.	Complete	Complete	Complete	Complete	An initial evaluation was completed for policy adoption purposes. A further analysis is likely to be completed for round two of the policies.
	Research the feasibility of and options for replacing our aging phone system.	In progress	In progress	In progress	Complete	Solicited vendors for a new phone system to replace the old phone system which was at maximum capacity. The research, planning, and feasibility of new phone system was completed as scheduled. Vendor chosen, system purchased, and installed in FY18-19.
	Prepare for, coordinate and host 12 board meetings and 16 committee meetings.	In progress	In progress	In progress	Complete	Completed on schedule.
Facilities	General maintenance of buildings, equipment and facilities at Headwaters Farm.	Complete	Complete	Complete	Complete	Completed quarterly as planned, no issues to report.
	General maintenance of buildings and facilities at Oxbow Farm, and other properties acquired through the Land Legacy Program.	Complete	Complete	Complete	Complete	Completed quarterly as planned, no issues to report. The Oxbow property was listed for sale, anticipated to be sold in FY18-19.
	General maintenance of building, state vehicles and facilities at Williams Headquarters.	Complete	Complete	Complete	Complete	Completed quarterly as planned, no issues to report.
	Undertake a comprehensive assessment of the office grounds and building space use, and develop a long-term plan for implementing modifications and upgrades.	In progress	Complete	Complete	Complete	List was compiled and presented to the board at the Staff/Board retreat in November.



Marketing & Media	Restructure the five-year Marketing Plan to reflect current strategic planning efforts and adding appendices for each program area.	In progress	In progress	In progress	In progress	Completed a final draft of the Marketing Plan, need to meet with program supervisors to update program-specific appendices.
	Refine the Branding/Style/Identity Guide companion to the Marketing Plan to ensure consistency in messaging and outreach materials	In progress	In progress	In progress	Complete	Final draft completed, awaiting review.
	Analyze data collected from FY16-17 marketing survey to inform future marketing and outreach efforts.	In progress	In progress	In progress	Complete	In progress. Staff continue using data as its useful for a broader look at trends and audiences interested in specific services.
	Implement revised Marketing Plan, monitor progress and make course changes as needed.	Not planned	Not planned	Not planned	No Progress	No progress, not planned. Marketing Plan will be implemented once it is approved.
	Develop, revise, maintain and add content to the website to reflect ongoing EMSWCD updates, events and priorities.	In progress	In progress	In progress	Complete	Continually updated several parts of the website, added new tools and forms, improved display and functionality. Developed and edited front page and blog posts. Archived old content.
	Develop and integrate social media to drive traffic to website, encourage event participation and promote conservation practices.	In progress	In progress	In progress	Complete	Created several Facebook ads, promoted workshops, grew social media fan base. Began building up an Instagram account and cross-promoted ads there.
	Perform web and social media analytics to determine efficacy of marketing efforts and action-driven web content.	In progress	In progress	In progress	Complete	Conducted small- and large-scale analytics on workshops, campaigns and long-term analytics for marketing planning. Pulled together comprehensive details for Urban Lands and social media ads.
	Assist with outreach, press releases and media contacts.	In progress	In progress	In progress	Complete	Worked extensively with staff throughout the year to draft and edit press releases, articles and web content, and issue notices. Assisted program staff with event outreach and press outreach. Frequent contact with press to promote our stories and follow up on stories.
	Identify advertising opportunities, develop advertisement content and coordinate publication.	In progress	In progress	In progress	Complete	Created or managed several print and social media ads throughout the year, for workshops, special events, the plant sale, recruitment, etc. Explored several new advertising opportunities and initiated new venues.
	Coordinate printing for all mailing and outreach materials.	In progress	In progress	In progress	Complete	Worked with program staff to develop, design, and proof several print materials, and/or send them to print/mail.
Refine display and material templates as needed by programs.	In progress	Not planned	In progress	In progress	Assisted staff with existing templates, created materials or updates as staff requested, and created a modified trifold template. Worked with program staff to help refine event display templates.	



Appendix 4: Rural Lands - Water Quality Improvement Summary

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

RURAL LANDS Annual Project Activities and Deliverables		Timeframe				YEAR END COMMENTS
		Q1	Q2	Q3	Q4	
Rural Water Quality	Complete the five-year program plan.	In progress	In progress	In progress	No Progress	Work on the 5-year plan will continue after the strategic plan is finished.
	Develop an outreach strategy and calendar for each program area.	In progress	In progress	Complete	Complete	Outreach strategy/calendars completed for all program areas.
	Use mailings, advertisements, displays, presentations, workshops, demonstrations, social media, and tours to reach rural landowners concerning water quality and soil conservation.	In progress	In progress	In progress	Complete	A total of four workshops this fiscal year had 95 attendees. Topics were erosion, mud and manure, native plants and irrigation efficiency. In addition, 'office hours' events were held as a new way to reach landowners that may want to meet staff before scheduling a site visit. Ten people attended a field demonstration of installation of erosion prevention products.
	Prioritize outreach in our ODA Ag water quality focus area (Beaver Creek HUC).	In progress	In progress	In progress	Complete	Workshops were held in the grange hall closest to the ODA Ag water quality focus area and workshop promotion mailings targeted this area.
	Partner with other SWCDs to fund, develop and staff booths at the NW Ag Show and the Far West Show.	In progress	Not planned	Not planned	Complete	A successful booth focused on beneficial insects at the August 2017 Far West Show during the 1 st quarter. Planned for a booth on erosion prevention during the 4 th quarter for the 2018 show.
	Collect and analyze monthly samples in upper Beaver and Johnson Creeks.	In progress	In progress	In progress	Complete	Samples were successfully collected every month this year.
	Install continuous temperature loggers in upper Beaver Creek, upper Johnson Creek, Big Creek and Smith Creek.	In progress	Not planned	Not planned	Complete	Loggers were installed during the 4 th quarter.
	Conduct 20 site visits including first-time site visits with 5 landowners.	In progress	In progress	In progress	Complete	A total of 48 site visits were conducted; 11 of these were first-time visits.
	Develop 5 technical recommendations and/or conservation plans that include recommendations to address erosion and/or water quality.	In progress	In progress	In progress	Complete	A total of 9 practice recommendations/designs developed this fiscal year.



Assist 4 landowners with cost share applications.	In progress	In progress	In progress	Complete	Assisted 4 landowners with cost share applications.
Partner with NRCS to promote and deliver cost share assistance.	In progress	Not planned	Not planned	No progress	Since our District Conservationist position is still vacant, it was not possible to complete this item this fiscal year.
Identify specific ways to overcome the barriers to addressing erosion.	In progress	In progress	In progress	Complete	Continued outreach and relationship building with OAN, local OAN chapter, and individual nurseries.
Identify and implement erosion prevention demonstration projects.	In progress	In progress	In progress	Complete	Two erosion prevention projects in progress.



Appendix 5: Rural Lands - StreamCare Summary

Completed or progressing as planned, targets met or largely met	6/8	75%
Not completed as planned, but substantive progress made and success likely	0/8	0%
Not completed or progressing as planned, little substantive progress made	2/8	25%

RURAL LANDS Annual Project Activities and Deliverables		Timeframe				YEAR END COMMENTS
		Q1	Q2	Q3	Q4	
StreamCare	The existing, planted StreamCare areas on 465 acres along 16 miles of stream will be maintained to ensure good rates of plant survival.	In progress	In progress	In progress	Complete	459 acres maintained this fiscal year.
	Another 7 acres prepared and planted in 2017-18.	In progress	In progress	Complete	Complete	A total of 12.8 acres prepared and planted.
	Coordinate contracted labor crews to prepare new sites for planting, control weeds on existing sites, and plant native trees and shrubs.	In progress	In progress	In progress	Complete	Planned crew work largely undertaken as planned. A lack of crew availability limited some maintenance work.
	Maintain GPS and GIS data; track and compile deliverables.	In progress	In progress	In progress	Complete	Ongoing. Progressing as planned.
	Manage wholesale plant orders, delivery, and storage.	In progress	In progress	Complete	Complete	Plant orders received and sorted during 3 rd quarter.
	StreamCare sites that reach the five-year mark will be evaluated to determine if the site is ready to graduate or if the landowner agreement should be extended. Offer site visits to those graduating.	In progress	Not planned	Not planned	Complete	Five graduation site visits were completed.
	Offer assistance with enrolling in the ODFW Riparian Program for sites that graduate from StreamCare.	No progress	No progress	No progress	No progress	Due to staff limitations at ODFW, no progress was made this year.
	Develop options for offering easements on graduated StreamCare sites.	In progress	In progress	No progress	No progress	Options have been identified and discussed with Land Legacy staff. This was explored at strategic planning but is unlikely given staffing and funding constraints.



Appendix 6: Rural Lands - Weed Control Summary

Completed or progressing as planned, targets met or largely met	13/14	93%
Not completed as planned, but substantive progress made and success likely	1/14	7%
Not completed or progressing as planned, little substantive progress made	0/14	0%

RURAL LANDS Annual Project Activities and Deliverables		Timeframe				YEAR END COMMENTS
		Q1	Q2	Q3	Q4	
Weed Control	Complete five-year program plan	In progress	In progress	In progress	In progress	Work on the 5-year plan will continue after the strategic plan is finished.
	Confirm reports of species on the EDRR weed list, obtain landowner permission, and provide rapid treatment to locations outside of the City of Portland.	In progress	In progress	In progress	Complete	No reports of EDRR weeds this year.
	Provide technical assistance with weed identification and control methods.	In progress	In progress	In progress	Complete	Responded to calls and emails throughout the year.
	Participate in both the 4-county and Columbia Gorge Cooperative Weed Management Areas.	In progress	In progress	In progress	Complete	Continued to attend meetings and trainings. One staff member is co-chair of Columbia Gorge CWMA and another is chair of the outreach and education committee with the 4-county CWMA.
	Re-visit knotweed sites and continue to treat any new growth.	In progress	Complete	Complete	Complete	Completed during 2 nd quarter. A total of 4530 square feet treated.
	Continue to survey for additional knotweed; obtain permission and treat sites.	In progress	Complete	Complete	Complete	Completed during 2 nd quarter. A total of 4 acres surveyed; 1,615 square feet found and treated.
	Continue to annually treat all known satellite populations of garlic mustard to prevent seed set.	In progress	In progress	In progress	Complete	Treated a net of 4 acres of garlic mustard across 97.75 acres.
	Continue to survey for and treat new satellite populations of garlic mustard.	Not planned	Not planned	In progress	Complete	Surveyed 7 acres; found and treated 0.31 acres of garlic mustard.
	Coordinate with partners to ensure that garlic mustard control is happening regionally.	Not planned	Not planned	In progress	Complete	Coordinated with Multnomah County, State Parks, USFS.
	Provide a free dumpster in Corbett for landowners to dispose of pulled garlic mustard plants.	Not planned	Not planned	In progress	Complete	Landowners deposited 3 tons of garlic mustard into the dumpster.
	Continue to survey for additional infestations of false brome, English ivy, Old man's beard, and spurge laurel as well as all EDRR species and species of concern.	In progress	In progress	In progress	Complete	A total of 12 acres surveyed for new infestations of ivy and old man's beard; 0.5 acres found and treated.
	Treat all known false brome and spurge laurel populations in target areas where landowner agrees.	In progress	In progress	In progress	Complete	Largely completed as planned. The majority of planned false brome control could not happen due to the Eagle Creek fire.



	Continue working to reduce English ivy and Old man's beard in the target areas.					
	Re-vegetate weed control sites as needed.	Not planned	Not planned	Complete	Complete	Planted 10.5 acres 3 rd quarter.
	Analysis to determine if the reduce coverage goals for false brome, English ivy, Old man's beard and spurge laurel were met and to set new goals.	Not planned	Complete	Complete	Complete	Completed and incorporated into strategic planning presentation in 2 nd quarter.



Appendix 7: Urban Lands Summary

Completed or progressing as planned, targets met or largely met	28/36	78%
Not completed as planned, but substantive progress made and success likely	8/36	22%
Not completed or progressing as planned, little substantive progress made	0/36	0%

URBAN LANDS Annual Project Activities and Deliverables		Timeframe				YEAR END COMMENTS
		Q1	Q2	Q3	Q4	
Urban Program	Complete the five-year program plan.	In Progress	In Progress	No Progress	In Progress	Progress made with the strategic planning effort this year. Program plan is currently on hold pending finalization of the district-wide 5-year strategic plan.
	Pilot Project: Engage one education and outreach intern for Urban Lands workshop coordination	In Progress	In Progress	In progress	Complete	Intern is in place. Recruitment for next intern was underway at the end of this reporting period.
	Define program monitoring and evaluation metrics.	In Progress	In Progress	In progress	In Progress	Gathering internal and external monitoring and evaluation information. Still defining metrics to be tracked.
	Complete research of affordable housing developments and how we might engage them with new CLIP opportunities.	In progress	In progress	In progress	In progress	Met with, and provided technical assistance several times, to Sabin CDC. This project was somewhat put on hold pending revision of Urban CLIP eligibility guidelines; to be continued.
	Develop 3 new printed outreach pamphlets.	No Progress	Not planned	In progress	In progress.	Discussions held on timeline and budgeting for new materials, team discussions held to identify needs and appropriate format for new materials.
	Refine and update EMSWCD web content.	In Progress	In progress	In progress	Complete	Urban CLIP and Rain Garden Incentive information updated, and Nature Notes feature added.
Workshops / Education	Provide 1-hour presentations to increase awareness of sustainable landscape issues. 10/year; 200 attendees.	In Progress	In progress	In progress	Complete	1 st quarter: 2 presentations, 24 people. 2 nd quarter: 5 presentations, 61 people. 3 rd quarter: 5 presentations, 65 people. 4 th quarter: 2 presentations, 55 people.
	Provide 4-hour naturescaping basics workshops to increase awareness of wildlife/pollinator, water conservation, and water quality issues and residential scale solutions. 6/year; 150 attendees.	In progress	In progress	In progress	Complete	1 st quarter: 1 workshop, 20 attendees. 2 nd quarter: 3 workshops, 77 attendees. 3 rd quarter: 4 workshops, 94 attendees. 4 th quarter: 2 workshops, 26 attendees.
	Provide 4-hour Rain Garden workshops to increase awareness of water quality issues and residential scale solutions. 6/year; 150 attendees.	In progress	In progress	In progress	Complete	1 st quarter: 0 workshops 2 nd quarter: 4 workshops, 76 attendees. 3 rd quarter: 3 workshops, 57 attendees. 4 th quarter: 2 workshops, 25 attendees.



	Provide 2-hour native plants workshops to increase awareness of native plant benefits for residential landscapes. 6/year; 150 attendees.	In progress	In progress	In progress	Complete	1 st quarter: 2 workshops, 50 attendees. 2 nd quarter: 2 workshops, 27 attendees. 3 rd quarter: 6 workshops, 165 attendees. 4 th quarter: 3 workshops, 44 attendees.
	Provide 2-hour urban weeds workshops to increase awareness of the threats posed by invasive and noxious weeds. 6/year; 150 attendees.	In Progress	In progress	In progress	Complete	1 st quarter: 1 workshop, 30 attendees. 2 nd quarter: 2 workshops, 47 attendees. 3 rd quarter: 1 workshop, 13 attendees. 4 th quarter: 2 workshops, 37 attendees.
	Provide 2-hour Pollinator workshops to increase awareness of wildlife habitat and reduce synthetic chemical use in the landscape. 6/year; 150 attendees.	In Progress	In progress	In progress	Complete	1 st quarter: 1 workshop, 20 attendees. 2 nd quarter: 3 workshops, 48 attendees. 3 rd quarter: 1 workshops, 12 attendees. 4 th quarter: 4 workshops, 41 attendees.
	Provide 2-hour Beneficial Insects workshops to increase awareness of wildlife habitat and reduce the use of synthetic chemicals used in the landscape. 6/year; 150 attendees.	In Progress	In progress	In progress	Complete	1 st quarter: 1 workshop, 8 attendees. 2 nd quarter: 2 workshops, 16 attendees. 3 rd quarter: 0 workshops requested, 0 attendees. 4 th quarter: 2 workshops, 20 attendees.
Technical and Financial Assistance	Provide technical consultations and site visits to residential, commercial, and industrial landowners. 80/year, 20/quarter.	In progress	In progress	In progress	Complete	A total of 126 total non-grant related technical assistance consultations conducted. Exceeded target for each quarter.
	Provide technical consultations and site visits to grants program applicants and/or projects. 20 consults/year.	In progress	In progress	In progress	Complete	Total of 20 technical consultations given for PIC and SPACE grants related projects for the year.
	Provide incentives to support installation of residential rain gardens and other sustainable practices in qualifying areas.	In progress	In progress	In progress	Complete	Total of 8 new rain garden registrations, and 14 rain garden related consultations, including site visits for the year.
	Connect with 3 large land managers per year to build relationships, encourage sustainable land management practices, and promote EMSWCD services.	In progress	In progress	In progress	Complete	Discussions and meetings held with Treehill Park HOA, Portland Community Gardens, NAYA, Sabin CDC, Rockwood Rising, and City of Fairview. Ongoing work with Boise Eliot Nature Grove, Gesthemane Lutheran Church in Mill Park, and City of Troutdale.
Events	Host a native plant sale to support naturescaping principles throughout the EMSWCD service area by providing a diverse selection of affordable native plants to residents. 700 participants; 10,000+ bare-root trees and shrubs sold.	Not Planned	In progress	Complete	Complete	Event held in February. 834 customers bought 12,000 plants. Distributed 858 Native Plant t-shirts to customers.
	Offer a naturescaped yards tour to demonstrate and encourage naturescaping principles. 500 attendees.	Not Planned	Not Planned	In progress	Complete	Planning, host and volunteer recruitment progressed well in the 3 rd quarter. The event took place in May.



						400 registered participants, 302 on the day of the event, visited 10 sites.
Outreach	Engage new and existing community leaders/groups/organizations in priority areas each quarter. Q1=4, Q2=2, Q3=2, Q4=4.	In progress	In progress	In progress	Complete	1 st quarter: 3 meetings, 22 people. 2 nd quarter: 4 meetings, 117 people. 3 rd quarter: 3 meetings, 5 people. 4 th quarter: 5 meetings, 112 people. 15/256 total
	Provide group tours of the EMSWCD facilities to demonstrate naturescaping principles in practice. 4 tours/year; 100 attendees.	In progress	In progress	In progress	Complete	5 tours held with 97 total attendees.
	Table at community events with literature about EMSWCD programs and events.	In progress	In progress	In progress	Complete	Tabled at 13 events, involving 1191 participants.
	Translate selected workshop and outreach materials. Identify which materials/workshops content should be translated, develop a schedule, identify translation resources/companies, get materials translated.	No Progress	No Progress	In progress	Complete	Assisted in the translation of CWMA fact sheets. Work still being done to identify internal materials for translation. Planning for EMSWCD's 1 st Spanish Pollinator workshop is underway. Event registration and materials are being translated in preparation for 5/19 event. Quotes and procedure obtained from IRCO for getting materials translated. Spanish workshop completed in 4 th quarter. On-going discussion with community partner to identify needs for next culturally-specific workshop. Discussions underway to identify lead for outreach material translation.
	Attend 6 community meetings to promote EMSWCD workshops and introduce public to the benefits of sustainable landscaping practices.	In progress	In progress	In progress	Complete	Total of 7 meetings held for the year, involving 187 people.
	Conservation Corner - assess how we utilize the demonstrations at the headquarters office and develop an outreach plan to enhance the visibility and education value of the site.	In progress	In progress	In progress	Complete	Conservation Corner team has begun planning for long-term design, implementation, maintenance and outreach opportunities for the site early in the year. Plans are in development for additional signage, a re-vamped green roof and green wall on bike shed, and neighborhood outreach events. Conservation Corner Outreach Plan has been completed and will guide implementation of projects and activities that will increase visibility of the site. Online virtual tour of landscape and conservation features is close to completion.



Partnerships	Help to guide the development of user-friendly native plants web tool. Participate in Guidance Committee and provide support to Oregon Flora Project as needed to develop the tool.	In Progress	In Progress	In progress	In Progress	OFF lost access to their primary web developer which slowed the project down and pushed the public launch to next fiscal year.
	Help to guide the development of user-friendly IPM web tool. Participate on review committee.	In progress	In Progress	In progress	Complete	Staff participate on both Steering Committee and Advisory Committee. Reviewing content and providing feedback on lay-out and delivery of information. Phase 1a of contract is complete.
	Utilize and promote community organization or non-profit services to increase wildlife and pollinator habitat within targeted neighborhoods via community action projects, workshops and citizen science.	In Progress	In Progress	In progress	Complete	Urban Lands staff attended first reconvening of Greening Schoolyards group in March. Staff attended 2 Grant Butte meetings, related to the use and development of a facility at Grants Butte.
	Work with and support PDX Greywater Partnership's efforts to implement the "Greening with Greywater" workshop series.	In Progress	In Progress	In progress	Complete	Staff promoted tour of Greywater systems, helped to promote the workshop series, and helped to bring Greywater Partnership to CONNECT to present to statewide audience. The Greywater Partnership has been promoted on the EMSWCD website through the Urban Lands Water Conservation section
	Collaborate with partner SWCD's towards a more strategic approach to providing more continuity across urban messaging content and possibly workshop offerings.	In Progress	In Progress	In progress	Complete	Urban Lands staff have begun to participate in a State-wide communications collaborative (Clean Rivers Coalition).
	Collaborate with Watershed Councils within EMSWCD boundaries.	In progress	In progress	In progress	Completed	Urban Lands staff attend CSWC Board meetings, JCWC IJC meetings, and Beaver Creek Partnership meetings. Staff also coordinated on tech assist requests and knowledge sharing.
Demonstration Projects	Work with project partners to draft a 5-year implementation plan for prioritized retrofit projects on the MHCC campus.	In Progress	In Progress	In progress	In Progress	Staff turn-over at the college limited progress on this effort. Attended Steering committee meetings, reviewed plans and prioritizing projects as partners agree and new funding is secured.
	Create an outreach implementation plan for the MHCC retrofit project.	In progress	Not planned	In progress	In progress	Meeting with outreach team and drafting outreach plan. Urban Lands staff developed 3 documents to help provide direction and structure for outreach activities moving forward. Staff turn-over at college also limited progress on this effort.



Develop and initiate contracts and agreements necessary to begin implementation of the three top priority projects on the MHCC Campus.	Complete	Complete	Complete	Complete	RFP was issued for design and construction, contracted with a firm. Working with that firm to design first three projects.
Begin work on the three top priority projects identified in the MHCC assessment.	Not planned	Not Planned	In progress	Complete	95% designs were completed, RFP for the work went out in May and a contractor selected in June 2018. Construction work is scheduled to be completed before the fall 2018 term. Community DePave to kick off the construction engaged over 100 volunteers.
Partner with community organizations, jurisdictions and non-profits to identify potential large-scale demonstration projects within targeted neighborhoods. Develop project plans and partnership agreements.	In progress	In progress	In progress	In progress	Continue to meet with CDC's and jurisdictions to explore additional partnership opportunities.



Appendix 8: Conservation Legacy - Headwaters Farm and Incubator Program

Completed or progressing as planned, targets met or largely met	30/35	86%
Not completed as planned, but substantive progress made and success likely	4/35	11%
Not completed or progressing as planned, little substantive progress made	1/35	3%

HEADWATERS Annual Project Activities and Deliverables		Timeframe				YEAR END COMMENTS
		Q1	Q2	Q3	Q4	
Headwaters (HW) Program	Finalize Five-Year Headwaters Farm Plan.	Not planned	Not planned	In progress	In progress	Some progress made with strategic planning this year, awaiting conclusion of the Strategic Plan to provide direction for this 5-year plan.
	Outreach and engagement to prospective farmers, program partners, and the public will be conducted annually through social media, print media, events, presentations, tabling, farm tours, fliers, and press releases.	In progress	In progress	In progress	Complete	Public speaking events included participating in Portland State University's Land Access panel; met with reporter from Tribune; and wrote an article for Growing for Market publication. Offered four tours: two for perspective farmers, PSU ag researchers, and Master Ecologists; a total of 38 visitors to the farm.
	Obtain at least ten HIP applicants for the 2018 growing season.	Not planned	Complete	Complete	Complete	Ten applications were received in the fall of 2017.
	Two-to-five new farms recruited in FY17-18.	Not planned	Complete	Complete	Complete	Four new farm businesses were accepted into HIP for the 2018 growing season.
	Host at least twelve incubator farmers at all times.	In progress	Complete	Complete	Complete	Just as in 2017, there are 14 farm businesses participating in HIP for 2018.
HW Site Improvements	Construction of a 148' x 30' hoop house.	Not planned	In progress	Complete	Complete	Construction of the hoop house structure is complete, and it is now in operation.
	Construction of a four-bay, forced air, covered compost facility.	In progress	In progress	In progress	In progress	A lower cost, appropriately sized, replicable micro-bin design has been selected. The slab was poured in FY17-18, and bin construction will take place later during the summer of 2018.
	Informational, safety, and regulatory signage installed throughout Headwaters Farm.	In progress	In progress	In progress	Complete	Several safety signs have been put up around the farm and a large, branding/informational sign has been installed on the container. A temporary sign discouraging dog walking in the DPNA was installed.
	Demolition of the residence at 29040 SE Orient Drive; general site improvement.	Complete	Complete	Complete	Complete	This work was completed in August 2017 and the final permitting for the demolition has been approved.
	Build an additional wash station to mitigate high demand in existing facility.	In progress	In progress	In progress	Complete	The new structure was completed and has been in use since early June.



	Build stairs to connect the back of the barn to the prop house and hardening off area.	Not planned	Complete	Complete	Complete	A wide, solid juniper stairway with packed gravel was installed to allow for foot traffic between HIP facilities without causing erosion on the slope.
HW Farmer Support	Tractor safety and operation training.	Not planned	Not planned	In progress	Complete	This training was offered on April 12 th .
	Record keeping cohort, participation in farm business record keeping training.	In progress	In progress	In progress	Complete	The 2018 cohort has met twice with the facilitator and HIP staff are working with farmers to keep up on their time trials.
	BCS maintenance and individual farmer operation trainings.	Not planned	Not planned	In progress	Complete	Multiple trainings were offered in April.
	New farmer orientation.	Not planned	In progress	Complete	Complete	This training was offered on February 6 th .
	Nutrient management training.	Not planned	Not planned	In progress	Complete	This training occurred on April 29 th .
	Irrigation management training.	Not planned	Not planned	In progress	Complete	This training occurred on May 29 th .
	Land access and finance training.	Not planned	In progress	Complete	Complete	This training took place on March 5 th .
	Post-harvest handling training.	Not planned	Not Planned	No progress	No progress	Due to expert availability and frequency of offering, this training will now be Integrated Pest Management and offered on July 25 th , 2018.
HW Soil Health	Cover cropping used on all farmable areas of Headwaters Farm while not currently in production (approximately 34 acres possible).	In progress	In progress	In progress	Complete	Summer covers were established in fallowed fields in May, including on the Mainstem Farm property.
	Soil samples taken for all fields in October—both in production or not—to help determine fertility needs and document change.	Not planned	Complete	Complete	Complete	Soil samples were taken in mid-October before significant rain events.
	Management of invasive weeds.	In progress	In progress	In progress	Complete	Invasive species removal has occurred throughout the growing season, using silage plastic, and hand weeding by staff and farmers.
	Lime fields and applications of other amendments as needed.	Not planned	Complete	Complete	Complete	Soil samples have indicated that liming is not needed this year.
HW Resource Protection	Realignment of roadway along the North Fork of Johnson Creek within the Dianna Pope Natural Area, including 275ft of new gravel road situated away from the water resource and deconstruction and planting of 325ft of the existing roadway.	In progress	In progress	In progress	In progress	Permits were submitted to Multnomah County and expected to be approved later in the summer. Project construction will occur in FY2018-19.
	Grass waterway installation (~200ft) along the eastern driveway from the barn down towards the creek.	In progress	In progress	In progress	Complete	This project was completed successfully in June 2018.



	Stormwater trenches backfilled with perforated pipe and drain rock along the barn-office driveway (~450ft) and the western driveway (350ft).	In progress	In progress	In progress	Complete	This project was completed successfully in June.
	Infiltration ditches on each side of the new hoop house to manage stormwater and reduce flows into the existing grass waterway.	Complete	Complete	Complete	Complete	Both infiltration ditches are installed and fully functional. To date there have been no observed cases of overflow.
	Establish additional 1,325ft of native hedgerows directly adjacent the western driveway.	In Progress	In Progress	Complete	Complete	Planting occurred in February and some weed management was done in March. Establishment appears to be strong.
	Work with incubator farmers to implement a suite of practices that promote good stewardship, including: organic practices, cover cropping, soil amending as needed, properly timed tillage, drip irrigation, reducing compaction, among others.	In Progress	In Progress	In Progress	Complete	The farmers are implementing conservation agriculture practices, including: nutrient management, irrigation management, weed management, integrated pest management, pollinator establishment, and soil building practices.
HW Demonstration	Highlight and promote key conservation efforts by keeping an active social media presence and updating the HIP page on the EMSWCD website regularly.	In Progress	In Progress	In Progress	Complete	Numerous social media posts were made through the year, many of which were targeted at raising awareness for the incubator program and conservation agriculture.
	Write article on silage tarp bulk purchase for Growing for Market publication.	Complete	Complete	Complete	Complete	This article was written and published in the September 2017 edition of Growing for Market. A second GFM article was submitted for the August 2018 edition.
	Create plan for the incorporation of interpretive signage and other informational documentation at the farm; begin making and displaying signs.	Not planned	Not planned	In Progress	In Progress	HIP staff have worked with the Rural Lands team to create design an interpretive panel in the Dianna Pope Natural Area.
	Lead tours at Headwaters Farm for prospective farmers, program partners, and the general public.	In Progress	In Progress	In Progress	Complete	Four tours were offered at Headwaters Farm. These included: two for perspective farmers, one for Portland State University Researchers, and one for a group of 30 Master Ecologists in training). 38 total participants.
	Help facilitate training at Small Farm School on land access and evaluation.	Complete	Complete	Complete	Complete	A class was taught on soil health and nutrient management, and the land access and evaluation tour was facilitated with CCSWCD and OSU Extension.
	Tabling, presentations, events, and other outreach opportunities as they arise.	In progress	In progress	In progress	Complete	Outreach and networking conducted at the Changing Hands conference, ODA Bee Project workshop, and other trainings.



Appendix 9: Conservation Legacy - Land Legacy Summary

Completed or progressing as planned, targets met or largely met	17/27	63%
Not completed as planned, but substantive progress made and success likely	7/27	26%
Not completed or progressing as planned, little substantive progress made	3/27	11%

LAND LEGACY Annual Project Activities and Deliverables		Timeframe				YEAR END COMMENTS
		Q1	Q2	Q3	Q4	
Land Legacy Program (LLP)	Finalize 5-year Land Legacy Program plan.	In progress	In progress	In progress	In progress	Land Legacy Committee (LLC) signed off on main recommendations for the Land Legacy Program. The formalization of the 5-year plan will be postponed in favor of advancing the program in the near term.
	Develop and implement outreach program for the Ag community.	In progress	In progress	In progress	Complete	Conversations with nearly all influential Ag sector leaders, postcard mailed, peer-to-peer references activated, participated in 2 farm succession planning workshops, and next phase or outreach scoped out.
	Update and expand Land Legacy content on the EMSWCD website as well as other promotional materials.	Not planned	In progress	In progress	Complete	Farmland component of website updated, new farmland brochure has been produced and printed.
	Develop and implement data and project management tracking and filing systems.	In progress	In progress	Complete	Complete	“Landscape” software implemented for project data management, closing transactions policy and filing system finalized and closed projects are being catalogued.
	Develop/refine program foundational documents	In progress	In progress	In progress	In progress	Substantively completed but some identified foundational documents will be completed in FY18-19.
LLP Farm Lands	Refine agricultural focal area property prioritization and potentially develop similar methodology for non-focal area agricultural properties.	In progress	No Progress	No Progress	No Progress	Deferred due to low urgency for product and given competing priorities for available capacity. Likely to be completed in FY18-19.
	Provide 4 distinct opportunities for the 75 highest priority landowners to learn about the working lands conservation easement program.	No Progress	In progress	In progress	Complete	Website update, postcard mailed, Mainstem press release and article, discussions with leading Ag Sector players, peer-to-peer reference network activated, participation in 2 succession planning workshops and various other events (e.g. Farm Bureau, District workshops).
	Conduct working lands conservation easement valuation analysis.	In progress	Complete	Complete	Complete	Valuation completed, information was shared with relevant partners.



	Refine goals of the farmland component of the program.	In progress	In progress	In progress	Complete	LLC signed off on main recommendations.
	Research and develop farmland conservation techniques.	In progress	Complete	Complete	Complete	Recommendations to LLC made and accepted.
	Opportunities rapidly and creatively responded to; two or more properties will be brought before the EMSWCD board to consider for protection.	In progress	In progress	In progress	Complete	Numerous farmland opportunities considered, 1 property interest closed on, 2 other property interests under contract/option. Oxbow conceptual offer accepted that would include option for conservation of additional properties.
	Farm management plan policy developed; District property interests managed in accordance with policy.	Not planned	In progress	In progress	In progress	Agricultural Management Plan guidelines drafted for internal review. Guidelines will be presented to the Board for adoption in FY18-19.
	Conservation easement management policy (and associated materials) developed.	In progress	In progress	No Progress	Complete	Substantively completed as planned. Easement management guidelines document and baseline documentation materials were developed. Guidelines will be presented to the Board for adoption in FY18-19.
	SWCDs / Land Trust partnerships explored and potentially developed.	In progress	In progress	In progress	Complete	Staff participated in the Willamette Valley Conservation Group, and Willamette Valley Ag Lands Initiative. The relationship with COLT was substantively advanced this year.
	Farm succession related materials refined/developed and workshop held.	Not planned	No Progress	In progress	In progress	Provided outreach for and presented at 2 succession planning workshops. Identified potential resource for succession planning with Clackamas SBDC, which will be pursued in FY18-19.
LLP Natural Lands	Refine Natural Lands program goals.	In progress	In progress	In progress	In progress	LLC accepted staff recommendations, to be incorporated into final strategic plan document.
	Maintain catalogue of relevant partner conservation plans, identify and obtain new partner plans, and to the extent possible, retrieve the associated maps and spatial data to allow for a prioritization of natural areas in need of protection. Work with partners to ensure EMSWCD has the most up to date versions of all relevant plans.	Complete	Complete	Complete	Complete	Relevant partners plans have been obtained. Staff will continue to identify new or revised plans with partners as opportunities arise.
	Meet with potential partners to discuss priority natural areas; if successful, support protection efforts financially with partner entity in the lead.	In progress	In progress	In progress	Complete	Continued to remain available reactively, explored several opportunities with partners.



	Evaluate whether existing reactive paradigm should continue or be modified.	In progress	In progress	Complete	Complete	LLC accepted staff recommendation regarding approach to natural lands.
	Finalize and adopt the long-term management plan for the Dianna Pope Natural Area (DPNA).	Complete	Complete	Complete	Complete	DPNA management plan was finalized and approved by Board in August 2017.
	Design and install boundary markers, welcome sign, and interpretive sign in DPNA.	Not planned	In progress	In progress	In progress	Boundary markers have been procured and were installed around the entire DPNA boundary. The interpretive sign has been designed and ordered, the installation will take place in FY18-19.
	Complete and report on wildlife and plant survey of the DPNA	In progress	In progress	Complete	Complete	Report on the first year of wildlife surveys was drafted in and finalized. The monthly wildlife surveys are ongoing.
LLP Access Lands	Refine Access to Nature program goals.	In progress	In progress	In progress	In progress	LLC accepted Staff recommendations, to be incorporated into final strategic plan document.
	Maintain catalogue of relevant partner conservation plans, identify and obtain new partner plans, and to the extent possible, retrieve the associated maps and spatial data to allow for a prioritization of access to nature areas in need of protection.	In progress	In progress	No Progress	No Progress	Relevant partners plans have been largely obtained. Further work identification and prioritization deferred due to lack of capacity and lower priority.
	Using partner plans and other relevant tools that relate to under-served communities and access to nature; assess and prioritize potential access to nature protection opportunities.	In progress	In progress	No Progress	No Progress	Deferred due to lack of capacity and lower priority. It is unlikely that EMSWCD will be leading on this.
	Meet with potential partners to discuss priority access areas; if successful, support protection efforts financially with partner entity in the lead, especially those targeted to under-served communities.	In progress	In progress	In progress	Complete	Continued to remain available reactively, explored several opportunities with partners.
	Evaluate whether existing reactive paradigm should continue or be modified.	In progress	In progress	Complete	Complete	LLC accepted Staff recommendation.



Appendix 10: Conservation Legacy - Grants Summary

Completed or progressing as planned, targets largely met	13/17	76%
Not completed as planned, but substantive progress made and success likely	2/17	12%
Not completed or progressing as planned, little substantive progress made	2/17	12%

GRANTS Annual Project Activities and Deliverables		Timeframe				YEAR END COMMENTS
		Q1	Q2	Q3	Q4	
Grants Program	Complete 5-year Grants Program plan.	In progress	In progress	In progress	In progress	Program planning advanced during strategic planning. Finalization of the Grants Program plan postponed until after the conclusion of the EMSWCD strategic plan.
	Fund at least one large scale, multi-year restoration project through the PIC Plus or Strategic Partnership Agreement.	Not planned	Not planned	In progress	Complete	The Lower Columbia Estuary Partnership was awarded funding for 2-year project to assess the feasibility and develop designs alternative for restoration of lower Eagle Creek to benefit salmon, steelhead and lamprey.
	Fund at least five restoration, naturescaping and/or water quality monitoring projects.	Not planned	Not planned	In progress	Complete	Three PIC 2018 projects were funded this year, including to Green Lents for establishing pollinator habitat in underserved neighborhoods with youth and community involvement, and Columbia Riverkeeper for monitoring E. coli in the Columbia River and restoration of select riparian sites. 11 SPACE grants were funded that supported smaller scale naturescaping and water quality projects including creation of a small natural area in a low-income neighborhood.
	Fund at least five projects that address stormwater runoff, water quality/ conservation, and/or soil erosion.	Not planned	Not planned	In progress	Complete	Four PIC 2018 applications were approved for funding, including a grant to Depave to remove impermeable pavement with volunteers and partners. Funding through SPA is supporting a large demonstration project involving a major stormwater retrofit. Five SPACE grants were approved, including one with the City of Troutdale for an Earth Day volunteer event addressing erosion through slope stabilization with native planting.
	Fund at least three project that promotes sustainable agriculture.	Not planned	Not planned	In progress	Complete	Five PIC projects were funded that support a variety of urban agriculture initiatives, including the creation of two new community gardens by Grow Portland and Outgrowing Hunger. Funding was awarded to Zenger Farm for their farmer internship program. Three SPACE



						grants addressed farmer education and support, including support for a summit of the Cully Food and Farm Alliance and the CSA Share Fair. Six SPACE grants supported enhancement of community gardens and participation of low income and immigrant communities.
Grants - Env. Education	Convene PIC grantees and other key stakeholders involved in environmental education for older youth and/or the green jobs pipeline to: identify the scope of programs in the EMSWCD service area; identify needs and how to address them; and gain input on how we can provide more strategic funding in this area.	Not planned	No progress	Not planned	In Progress	Did not take place as planned. This convening was delayed until after the EMSWCD strategic planning, and to not duplicate similar efforts by other organizations. A similar convening is being planned for later in 2018.
	Fund at least five mission-specific environmental and/or garden education projects for youth.	Not planned	Not planned	In progress	Complete	Eight PIC 2018 applications focused on environmental and/or garden education were funded this year, including World Salmon Council's Salmon Watch program to deliver watershed education related to salmon habitat to over 1500 students. Four projects involve students in gardening activities to teach ecological concepts and to expose them to culturally relevant food and nutrition hands on learning experiences. Eight SPACE grants supported school-based programs to enhance outdoor learning.
	Fund at least five projects that contain an educational component – hands-on involvement of students or volunteers, work skills training (restoration, gardening, sustainable agriculture), and/or demonstration/interpretive element.	In Progress	In Progress	In progress	Complete	Six PIC 2018 grants were awarded this year that have strong educational components but are more directed at older youth, adults and volunteers. One project supports Friends of Trees to implement a two-year adult training program focused on urban forestry and restoration related topics.
	Fund at least five community events focused on environmental education that reach at least 500 EMSWCD residents through SPACE grants.	In Progress	In Progress	In progress	Complete	Six SPACE projects were funded for environmental education events open to the public, including the Urban Ecosystem Research Consortium, Urban Ecology and Conservation Symposium with over 350 participants and the Willamette River Festival with over 4000 people in attendance.
Grants - Gardens	Re-convene PIC grantees and other key stakeholders involved in school and community gardens to: consider follow-up to the school survey results and mapping projects funded through 2016 PIC grants.	Not planned	No progress	Not planned	No progress	This was postponed until FY18/19 due to strategic planning, and time constraints.



	Complete garden needs assessment	Not planned	In progress	Not planned	No progress	Planned for the 2 nd and 4 th quarters. Follow-up survey was conducted by consultant for Intertwine, data is still to be incorporated into existing data sets and map.
	Fund the development of at least three new community or school garden spaces in the District.	Not planned	Not planned	In progress	Complete	A PIC 2018 grant to Grow Portland will support two new community gardens and one new school garden. Two new school gardens were supported with SPACE grants.
	Fund upgrade and/or maintenance of at least five community or school gardens.	In Progress	In Progress	In progress	Complete	PIC 2018 grants are supporting refurbishment of four school gardens through Grow Portland.
	Participate in the Intertwine Greening of Schoolyards collaborative to help implement initiatives focused on increasing the presence of gardens and other green infrastructure on public school grounds.	In Progress	In Progress	In progress	Complete	Staff attended three meetings this year and continued to monitor progress and provide input with collaborative group members.
Grants - Capacity	Fund at least three projects that help build organizational and technical capacity of organizations to carry out conservation projects.	Not planned	Not planned	In progress	Complete	Seven PIC 2018 grants awarded this year include project components that support capacity building by either funding new staff, piloting new project areas to develop skills, and/or supporting training for conservation and equity work.
	Participate in the Equity Grant Makers group, EMSWCD's Equity Team, and training to address barriers to greater equity in grantmaking and conservation funding.	In Progress	In Progress	In progress	Complete	The Grants Manager has been extensively involved in the EMSWCD Equity Training this year through the Center for Equity and Inclusion sessions, the staff Equity Team and the small group equity staff meetings. Staff also continues to help facilitate and participate in the Equity Grant Makers Network – one meeting was held at the EMSWCD offices this year.
	Support, through grants and/or facilitation, at least two partnerships that cross traditional sector lines and help to build alliances between conservation groups and culturally specific community organizations.	Not planned	In Progress	In progress	Complete	PIC 2018 grants included two major projects supporting cross-sector partnerships. The Friends of Trees adult workforce training initiative partners with three culturally specific non-profit organizations, one private tree care business, and a public agency. Green Lents, through its Green Ring program is working in collaboration with a housing development non-profit, a culturally specific non-profit and a local watershed council.



Appendix 11: 2018 PIC Grants

TOTAL: \$750,351

Adventures Without Limits

Adventures Without Limits - Experiential Learning for Underserved Youth \$6,529

This project partners with local nonprofits Hacienda CDC and Friends of the Children to provide six full day experiential learning opportunities for underserved youth, including one overnight camping trip.

Audubon Society of Portland/Columbia Land Trust

Backyard Habitat Certification Program - Outer East Multnomah County Expansion \$35,000

This project provides technical assistance, incentives, resources, and recognition to east Multnomah County residents as they create backyard habitats and manage stormwater, deepening investment in eastern part of the County.

Columbia Riverkeeper

Columbia River Monitoring and Restoration Project \$17,000

This project will collect and share E. coli water quality data to promote safe swimming and fishing, partner with Wisdom of the Elders Workforce to restore riparian habitat, and organize a *Conoce Tu Columbia/Know Your Columbia* stewardship and educational event for Latino communities.

Depave

Depave 2020 \$60,000

Depave projects engage communities and reconnect urban landscapes to nature through education, advocacy and stewardship. Depave's 2018/19 work in east Multnomah County will develop, plan and implement three projects – Boise-Eliot Humboldt School, Kelly Elementary School, and Rockwood Greenspace. Capacity building will focus on training and support for the new executive director.

Ecology in Classrooms and Outdoors

Ecology Enrichment in Elementary Schools \$26,000

ECO will provide lessons and outdoor experiences to classes in Title 1 elementary schools, working with teachers to define and implement district and school-specific environmental education, which will be focused on the goal of creating the next generation of conservation-minded leaders.

Friends of Trees

Urban Forestry and Restoration Adult Training Program \$114,919

The project will organize and host a paid twelve-week adult training program focusing on urban forestry and restoration related topics, with the participation of four community benefit organizations – APANO, POIC, VERDE, and Wisdom of the Elders. Upon completion, participants will be placed in a paid internship.

Friends of Zenger Farm

Reducing Barriers: Developing Future Farmers and Relevant Youth Programming \$100,036

Through a multi-year farm internship program, Zenger aims to reduce barriers and increase interest among a diverse range of potential farmers. The project will also enhance Farm School (a youth field trip program) to ensure relevancy to classroom curriculum and the culturally diverse David Douglas School District.



Green Lents

Lents Green Ring: Connecting People & Pollinators \$75,000

This project builds capacity in partnership with ROSE CDC and Wisdom of the Elders through supporting conservation youth internships, establishing pollinator habitat at approximately 10 sites in Lents, and working to deliver environmental equity in the community.

Grow Portland/Outgrowing Hunger

Expanding ecological gardening opportunities for East Portland \$100,00

Grow Portland and Outgrowing Hunger will work in partnership on this project, which focuses on expanding ecological gardening opportunities for underserved communities in East Portland and East County. The project will include: building three new community and school gardens, refurbishing and expanding four school gardens, delivering culturally relevant garden education, and planning for future community gardens in low-income communities.

Janus Youth Programs, Inc.

Garden Works \$22,000

This is the first of a 3-year project to develop and implement a cooperative model that leverages the existing food infrastructure and leadership capacity of low-income North Portland communities, all as a part of Janus Youth's Village Gardens program. The project includes training in financial literacy, food access, conservation, community cohesion and program equity.

Lower Columbia Estuary Partnership

Lower Eagle Creek Restoration \$75,000

The project goal is to assess feasibility and begin to develop designs for restoring lower Eagle Creek to benefit salmon, steelhead, and lamprey. LCEP will assess restoration alternatives and develop designs for stakeholder-chosen alternatives to improve processes, Cascade Hatchery operations, riparian conditions, and visitors' recreational experiences.

Native American Youth & Family Center

Native Gathering Gardens for the Seventh Generation \$10,000 *(EMSWCD's Board withdrew the grant in September 2018 based upon staff's recommendation and prior consultation with the NAYA).*

Through work with community members, NAYA plans to develop a gathering garden design grounded in permaculture principles and focused on low maintenance, safety, and cultural significance. Garden development will involve youth from the After-School Program and include additional community planting events.

Portland Opportunities Industrialization Center Inc.

POIC+RAHS & Friends of Trees Student Crew Leadership Training Program \$40,115

In partnership with Friends of Trees, this project offers environmental education, leadership, and community engagement opportunities to low-income and minority high school youth. Through hands-on classroom learning and site-based experiences, students restore habitats; participate in community outreach, volunteer recruitment, and training; plant, monitor, and prune public trees; and gain an appreciation for the region's urban forest and watersheds.



Reynolds School District

Multnomah Youth Cooperative \$25,537

In partnership with conservation organizations, MYC students are given the opportunity to learn about natural resources, human impact, habitat and restoration through hands on projects in natural areas. Students take part in invasive plant removal, native plant revegetation, erosion control and field education.

Sauvie Island Center

Connecting Urban Students to a Working farm \$10,000

The project will support the participation of 15 classes from schools in North, NE and SE Portland in the farm-based environmental education program at Howell Territorial Park on Sauvie Island, coupled with winter classroom visits. Lessons take place on a farm and natural area, using the farm environment to introduce children to nature and science curriculum including plant life cycles, healthy soils, wildlife, the food web, and pollination.

Wisdom of the Elders

Wisdom Workforce Development \$20,000

This project will strengthen Wisdom's capacity in environmental assessment, habitat restoration, and monitoring by training Native American adults in service learning projects with 12 conservation partners. It will also involve Native youth in similar activities, provide indigenous perspectives including Traditional Ecological Knowledge in ecosystem restoration at public events in the community, and build organizational capacity for improved workforce development.

World Salmon Council

Salmon Watch \$13,215

Using salmon as a keystone species of Northwest ecosystems, the program provides students with a unique opportunity to learn about ecosystem and watershed health firsthand through comprehensive, multidisciplinary education in the classroom, field study and in-stream observation, and community service. The project will engage over 1,500 students and will partner with the Blueprint Foundation to increase participation of youth that have faced historical barriers to inclusion.



Appendix 12: 2017-18 SPACE Grants

Portland Ecologists Unite!, \$1,395 – A lecture and discussion featuring Dr. Lance Gunderson of Emory University and co-author of “Panarchy: Understanding Transformations in Human and Natural Systems”.

Master Gardeners, \$1,605 – Expansion of existing Community Demonstration Garden to a larger parcel within the Learning Garden Laboratory in Southeast Portland.

Crystal Springs Partnership, \$1,500 – Support for Salmon Celebration event that is presented by a diverse group of community members, city staff, and businesses.

The Willamette River Fest, \$1,950 – Funding for Willamette River Festival on the Cathedral Park waterfront to enhance appreciation for the lower Willamette as an important part of a larger watershed.

Vive NW, \$2,000 – Development of a bilingual portal to be used in partnership with The North West Earth Institute to implement the EcoChallenge program.

Save the Giants, \$500 – A 3-hour workshop for K-6 school teachers to provide them with curricular materials and selective nature sites for incorporating urban forestry and ecology education into classroom activities.

Dig In Community, \$2,000 – *Agreement Terminated*. To produce a “Field Activity Guide” to elevate teachers’ understanding of environmental restoration and enhancement.

Ecumenical Ministries of Oregon, \$2,000 – Partner with students and faculty from Rosemary Anderson High School’s Gresham campus to provide education around social justice impacts of climate change.

Confluence, \$1,550 – Partnering with USFS, National Forest Foundation, and Friends of the Sandy River Delta to recruit 75 community members to help resurface part of Confluence Trail at the Sandy River Delta.

Pollinator Parkways, \$2,000 – Converting 3,000 sq. ft. of parking strips into pollinator habitat, creating interpretive signage, and working with residents to foster stewardship.

Grace Institute, \$1,475 – Community celebration event for National Recycling Day with educational artist performances and live music.

Oregon Youth Outreach, \$1,150 – Monthly environmental stewardship outings, participating in projects ranging from invasive plant removal to trail cleanup to wildlife rehabilitation.

Birch Community Services, \$1,136 – Update and replace tools and resources at community garden that serves low-income residents.

Urban Greenspaces Institute, \$2,000 – Payment for keynote speakers for the 16th annual Urban Ecology and Conservation Symposium.

Cully Food and Farm Alliance, \$1,500 – Event to gather producers, non-profits, small business, and other diverse participants to meet each other and prepare to apply for Oregon Food Bank’s FEAST process that will identify economic, educational, and workforce opportunities in the local food system.



Zenger Farm, \$2,000 – Funds to complete stormwater features and native planting around the perimeter of new Outdoor Classroom.

Boise Eliot Native Grove, \$2,000 – Native trees, wildflowers, logs, and rocks to repurpose unused PBOT property into community native garden.

Muslim Community Center, \$2,000 – Soil preparation and site clearing for garden space that will serve community center participants and neighbors.

Sabin CDC, \$1,167 – Youth and young adult volunteers building a natural playground and pollinator garden at three low-income housing locations in NE Portland.

Green Lents, \$1,500 – Establish pollinator habitat site with PSU students and neighborhood volunteers.

Portland Area CSA Coalition, \$1,500 – Public event and celebration to connect community members to CSA farms that serve the Portland region.

Rogue Farm Corps, \$1,845 – Workshop linking farmers, ranchers, and foresters focusing on land access and succession planning.

Willamette Partnership, \$2,000 – Partnering with SOLVE to engage students in three service-learning events focused on restoration and watershed health.

El Programa Hispano Catolico, \$2,000 – Implement a three-part outdoor learning space at Ron Russell Middle School featuring raised beds and outdoor education area.

City of Troutdale, \$2,000 – Earth Day Event, featuring volunteers removing invasive species and replanting with natives at a public natural area.

Dharma Rain Zen Center, \$1,900 – An interpretive trail highlighting native species with a focus on children-focused education for the adjacent preschool.

Floyd Light SUN Community School, \$2,000 – Transportation costs for the school to offer students eight watershed service-learning field trips as part of an afterschool class with Dig In Community as a partner.

Cully Neighborhood Association Tree Team, \$1,025 – Remove/replace 12 dead and dying birch trees on Cully Blvd, infected with bronze birch borer.

Oregon Master Gardeners, \$1,000 – Expanding our existing Demonstration Garden to a larger parcel within the Learning Gardens Laboratory in SE Portland. Funds for native plants in perennial beds.

Berrydale Community Garden, \$1,500 – Native plants for pollinator garden at community garden site.

ROSE CDC, \$2,000 – Partnering with Wisdom Workforce to create three pesticide-free properties by enhancing the landscaping and creating new gardening opportunities at several small affordable housing communities in outer SE Portland.

Institute of Permaculture Education for Children, \$2,000 – Restore forested natural area and provide access for environmental education.

Kairos PDX, \$600 – Transportation for 3rd and 4th grade classes to visit Bonneville Dam and Fish Hatchery.



POIC, \$500 – Native plants and maintenance tools for three bioswales at East Portland site.

Beaumont Middle School, \$935 – Materials and curriculum support for botanical illustration project for grades 6-8. Students will create a unique educational native plant coloring book.

Clarendon Community Garden, \$2,000 – Native plant pollinator garden at community garden site in North Portland.

Ethiopian and Eritrean Cultural and Resource Center, \$2,000 – Development of raised bed garden at the site of Dharma Rain Zen Center that will serve refugees and immigrants.

African Family Holistic Health Organization, \$1,900 – Environmental education workshops for refugee families that focus on edible gardening practices.

Verde, \$2,000 – Support for culturally-specific performances at the Cully Park Grand Opening event.

Boy Scouts of America, \$1,000 – Support materials and refreshments for installation event to mark stormwater drains in Fairview.

Food by Design, \$2,000 – Rainwater catchment system at a community garden site that serves both housed and houseless community members.

Vanport Placemaking Project, \$2,000 – Educational signage focusing on watershed health and floodplains at the historic location of the Vanport Floods in North Portland.