

# Sustainability in Prisons Project Fiscal Year 2015 Annual Report



**the evergreen  
state college**  
olympia, washington



Fiscal year 2015 was characterized by remarkable efforts to improve Sustainability in Prisons Project (SPP) programs in Washington State. We established *three* new conservation nursery programs, including the sagebrush nursery at CRCC shown above, an amazing achievement considering the timeline for project implementation and the level of collaboration required. Widely held SPP enthusiasm was shown at our first statewide SPP Summit event: more than 100 staff, partners, and students met for two days of presentations and discussions. All 12 WA prison contributed to the evolving vision of what it means to be SPP. Photos by Jeff Clark of the Bureau of Land Management (above) and Zandra Jones, an undergraduate student at the Evergreen State College (Evergreen; below).



# Year in Review: photo highlights



**OUTSIDE THE TOWER**

## **Bringing science inside prison walls**

SPP's Director for Evergreen, Dr. Carri LeRoy, was published in *Science*, one of the best-regarded scientific journals in the world. She described her nature drawing workshop for incarcerated students, taking nature and science outside the "tower" of academia. Photo by Tiffany Webb.



Steve Sinclair joined SPP as a Senior Advisor in 2014, and by the end of the fiscal year he became SPP Director for DOC; here he is at the Statewide Summit in April, 2015, presenting to a packed room. Photo by Joslyn Rose Trivett.





A Pacific chorus frog sits among violets in WCC's Skill Builders Unit, an area for incarcerated men with cognitive challenges. They collect the violets' valuable seeds for prairie conservation. This nursery is a part of Centralia College's horticulture program created for the Skill Builders Unit. Photo by Sue Sheldon.



NPR's Tom Banse interviewed members of the Conservation Nursery crew at SCCC in November; the piece was picked up by public radio stations media nationally. Photo by Ricky Johnson.





The hoop house at CRCC brings nature inside the prison with a new conservation nursery; the facility is growing sagebrush for restoration of greater sage-grouse habitat, and it is a partnership with Institute for Applied Ecology, Bureau of Land Management, WA State University, and others. Photo by Kelli Bush.



MCCCW SPP Butterfly Technicians at Liz Louie and Samantha Turner hosted visitors from University of Denver, DOC Headquarters, and SPP; the technicians provided program information for a proposal to study the social impacts of working in SPP's conservation programs. Photo by Andi May.





The Western pond turtle care program at CCCC is going strong, and has released 25 healthy turtles thus far; this year, LCC made impressive progress toward hosting a second turtle program, this one caring for turtles from the Columbia River area. Photo by WDFW Biologist.



AHCC has abundant vegetable gardens: a huge main garden, and a courtyard garden for nearly every living unit. Inmates tend these gardens, and send the produce to the prison's kitchen; their harvest goes to inmate-dining halls. Photo by AHCC staff.





This year, Roots of Success continued to expand to new WA prisons, and is on-track to be standard programming for 11 of 12 facilities. In May, several male inmate-instructors became Master Trainers, certifying them to train new inmate-instructors as needed to meet the demand. The Master Trainer event was hosted by WCC shown above. Photo by Joslyn Rose Trivett.



SPP's Science and Sustainability Lecture Series continues to thrive at SCCC and WCCW, and attendance was the highest ever. In fiscal year 15, we pursued expanding the lecture series to WCC and MCC. Photo by Tiffany Webb.









In November 2014, SPP staff toured WSP's Sustainable Practices Lab. The lab employed 139 inmates in repairing and repurposing materials to the benefit of prisons statewide, other state agencies, and dozens of non-profits. Photo by Andy Porter of the Walla Walla Union-Bulletin.



This year, SPP visited the Intensive Management Unit (IMU) at MCC for the first time. WA's Correctional Industries created a chair that makes classroom-based programming possible in the IMU. With this innovation, even inmates in maximum security can gain SPP education. Photo by Fiona Edwards.





# Sustainability in Prisons Project

## Fiscal Year 2015 Annual Report

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*Butterfly Technician Elizabeth Louie shows Roots of Success Coordinator Christina Stalnaker how to “process” an adult butterfly following emergence from its pupa. Photo by Lindsey Hamilton.*



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# 1. Background Information

## Report Objectives

This report provides information on SPP activities during Washington State fiscal year 2015 (FY15) which includes the period from July 1<sup>st</sup> 2014 through June 30<sup>th</sup> 2015. Washington Department of Corrections (WDOC) considers all sustainability initiatives taking place in Washington prisons to be part of SPP. The primary objective of this document is to update partners on statewide SPP activities. While this effort does not capture every sustainability effort, we have developed working lists of all SPP-WA programs (Appendix 1) and partners (Appendix 2), and recognize the impressive diversity and number of opportunities offered. We will continue to improve our reporting and tracking methods each year in order to provide an increasingly comprehensive annual update of all SPP programs.

## SPP Mission

The Sustainability in Prisons Project (SPP) is a partnership founded by the [Washington State Department of Corrections](#) (WDOC) and [The Evergreen State College](#) (Evergreen). Our mission is to bring science and nature into prisons. We conduct ecological research and conserve biodiversity by forging collaborations with scientists, inmates, prison staff, students, and community partners. Equally important, we help reduce the environmental, economic, and human costs of prisons by inspiring and informing sustainable practices.

## SPP Vision

This union of ideas and activities – and people inside and outside prison walls – creates a collaborative, intellectually stimulating environment in which incarcerated men and women play key roles in conservation and advancing scientific knowledge. We encourage teamwork, mutual respect and a stewardship ethic among individuals who typically have little or no access to nature or opportunities in science and sustainability. Our vision is not only to save tax dollars and natural resources, but also to help incarcerated adults rebuild their lives for the benefit of all.

## SPP Essential Components

Although each endeavor and corrections institution is unique, our experiences point to five [Essential Components](#) for every SPP program:

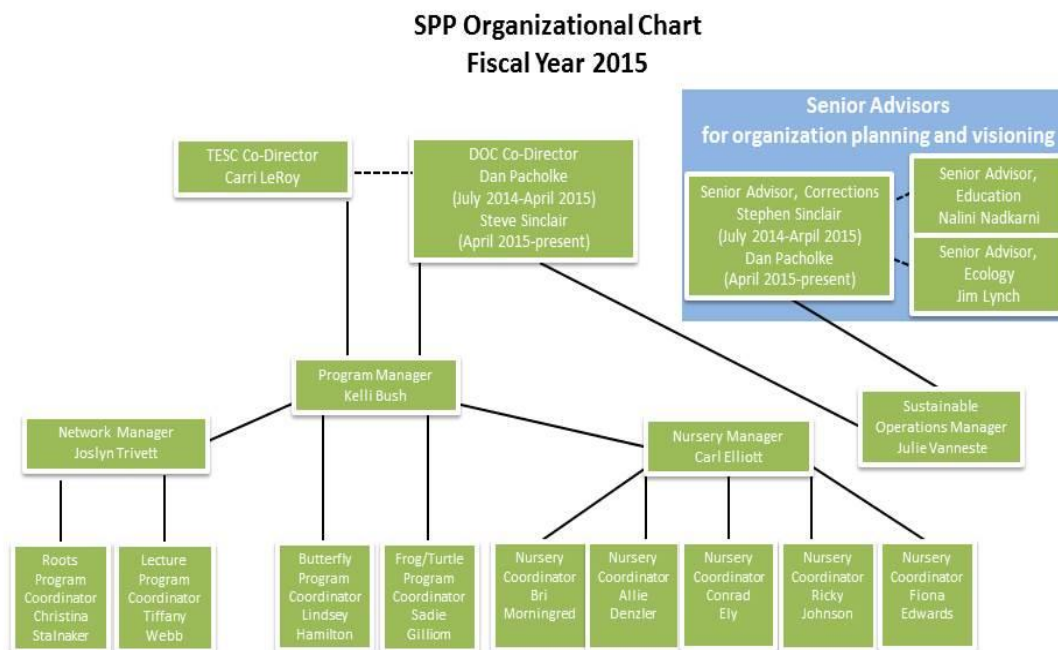
1. Partnerships and collaborations with multiple benefits
2. Bringing nature “inside”
3. Engagement and education
4. Safe and sustainable operations
5. Evaluation, dissemination, and tracking

## SPP Staff and Organization Chart

The organization chart below in Figure 1 includes current staff as of July 2015. There are many corrections, academic, conservation, and community organization staff contributing the success of SPP; however this chart is limited to core staff at WDOC and Evergreen. For the majority of FY15, SPP was co-directed by Dr. Carri LeRoy from Evergreen and Mr. Dan Pacholke from WDOC. In April 2015, Mr. Steve Sinclair assumed the Director role for the WDOC side of the partnership. SPP Co-Founder Dan Pacholke transitioned from his role as Director to SPP Senior Advisor for Corrections. The organization currently includes three Senior Advisors, four staff, and nine program coordinators.



Program Coordinator positions are staffed by Evergreen students working 19 hours per week. Student-staff are typically recruited from the Evergreen Master of Environmental Studies graduate program and work for two year terms. Each summer several students complete their work with SPP and new students begin. Two individuals not named on the chart below worked in conservation nursery coordinator positions for SPP during FY15: Jaal Mann and Drissia Ras.



**Figure 1. SPP Organizational Chart**

## Partnerships

Partnerships and collaboration are an essential component of SPP work and nearly every SPP program. We continually work to identify new potential partners and mutually beneficial programs. A working list of SPP partnerships is included as Appendix 2; during FY15 more than 60 different organizations contributed to SPP programs in WA.

## 2. Budget

Regular budget reports were sent to Co-Directors and SPP managers throughout the fiscal year. Reports include current funding source start and end dates, program areas supported, starting balance, current balance, notes on the status of the funding source, and payment details. A subsection of the report includes status information for pending grants, contracts, and awards (see Table 1).

The percentage of funding provided by individual sources varies from month to month as sources become available or close. In FY15, SPP had just under \$500,000 in funds from 11 different sources, including a contract with WDOC. Other sources consist of state and federal contracts, foundation donations, private donations, and a federal grant. In addition to the funds expended from various grant and contract sources, staff continuously seek new funding and close out existing grants and contracts. In FY15 SPP Evergreen staff were responsible for stewarding funds from 19 different sources.



**Table 1. SPP FY15 Grant and Contract Funding Requests**

<b>Source</b>	<b>Program Area</b>	<b>Funded?</b>	<b>Timeline</b>
<b>CNLM (ACUB &amp; other grant sources)</b>	conservation nursery	yes	12/1/13-11/30/14
<b>CNLM (ACUB &amp; other grant sources)</b>	conservation nursery	yes	12/1/14-11/30/15
<b>DOC FY 15</b>	SPP general	yes	7/1/14- 6/30/15
<b>DOC FY 16</b>	SPP general	yes	7/1/15-6/30/16
<b>DOC/CI</b>	Roots	yes	8/1/14-6/30/15
<b>DOC/CI</b>	Roots	yes	7/1/15-6/30/16
<b>Government Innovations</b>	SPP general	no	
<b>HAF 2014</b>	Network, eval., SPP general	yes	10/25/13-10/25/14
<b>JBLM</b>	conservation nursery	yes	9/1/14-8/30/15
<b>JBLM</b>	conservation nursery	yes	9/1/14-8/30/15
<b>JBLM</b>	conservation nursery	yes	9/1/15-8/30/16
<b>Norcliffe</b>	bee & composter recycler certification	no	
<b>NSF Conference Grant</b>	SPP Network	yes	extended from 9/1/12-8/30/15
<b>NSF- Human Natural Systems</b>	SPP evaluation & Nursery & Butterfly	pending	5/1/16-4/30/21
<b>Seattle Foundation 2013</b>	SPP general	yes	unrestricted
<b>Seattle Foundation 2014</b>	SPP general	yes	unrestricted
<b>Seattle Foundation 2015</b>	SPP general	yes	unrestricted
<b>WDFW Checkerspot</b>	butterflies	yes	1-1-14-12-31-14
<b>WDFW Checkerspot</b>	butterflies	yes	1-1-15-12-31-15

**\*proposals highlighted in green were successfully funded**



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### 3. Sustainability Job Programs

SPP jobs provide inmates opportunities to contribute to communities and ecosystems while gaining job training, education, and sustainable living skills. The list included in Table 2 shows all sustainability job program placements during FY15. This list was developed by a small team of partners representing the WDOC and Evergreen sides of the SPP partnership.

Depending on the position, participants in sustainability jobs received various levels of training and education and exposure to community collaboration, work with living things, and opportunities to contribute. While all positions listed in Table 2 have been evaluated for linkages to SPP's Five Essential Components, we plan to further investigate each program at each facility to establish the relative quality of each job program. The Green Track initiative (also described under *Education Programs*) aims to establish a progression of SPP educational and job programs, and knowing more about each program will be critical to defining the various levels of the "track".

In total nearly 3,800 of the approximately 16,800 men and women incarcerated in Washington were involved in sustainability job programs in FY15.

**Table 2.** FY15 SPP Jobs in WA Prisons

<b>Job Program Title</b>	<b># of positions FY15</b>
Agricultural Engineer	9
AMERICAN BOARDING KENNEL ASSOC	2
BASIC OBEDIENCE - ABKA	1
BASIC PET CARE - ABKA	17
Beekeeper	1
BICYCLE REPAIR	31
BIKE & WHEELCHAIR REPAIR	9
BIO WASTE CUSTODIAN	24
BOOK REPAIR	1
BUTTERFLY REARING TECH	8
CAT HANDLER	26
COMMUNITY WORK CREWS	992
COMPOST WORKER SUSTAINABLE	17
CRAFT SUSTAINABLE CLRK	3
Computer Refurbishing	10
Cultural Crafts Program	12
Dog Handler Mentor	3
DOG OBEDIENCE HANDLER	298
DOG SERVICE HANDLER	27
DOG SRVCS/OBED SECONDARY	83
DOG WALKER	26
Fire Wood Stacker	7
FISHERIES WORKER I	11



FOOD SRVCS WASTE RECYCLER	172
FORESTRY I WORKER	706
FORESTRY II WORKER	36
FROG REARING	5
Furniture Finisher	3
GROUNDSCOOPER I	381
GROUNDSCOOPER II	54
HORTICULTURE I WORKER	112
HORTICULTURE WORKER II	43
HORTICULTURE-THERAPEUTIC COM	13
INSIDE GROUNDSCOOPER	13
KENNEL WORKER ABKA	18
MECHANIC WHEEL CHAIR REPAIR	2
PRAIRIE PLANT CONSERVATION	57
RECYCLING WORKER	299
REGALIA PROGRAM	2
RE-USE FABRIC-SUSTAINABLE	78
ROOT Of Success Trainer	44
Sawyer	13
SUSTAINABILITY GROUNDSCOOPERS	1
Teddy Bear Creations	47
WASTE TREATMENT OPERATOR II	9
WASTE TRT 1 OPERATOR	17
WORM FARM WORKER	24
	3767

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## 4. Sustainable Operations

Sustainable operations are those activities, policies, programs, and infrastructure we engage to reduce the economic, social, and environmental costs of prisons. Nearly all sustainable operations initiatives take place in Washington Department of Corrections (Department) prison facilities and are led by Department staff.

The operational decisions the Department adopts and the opportunities engaged, impact the environment both immediately and exponentially. Not only is there an immediate impact, but these operations are a model which can influence behaviors both at the institutional level and individually.

### Progress at a Glance

**Table 3.** Sustainable Operations Measures

	2009	2011	2014	09-14
Energy – KWH	410,990,709	367,544,121	344,544,811	16% decrease



Potable Water – Gallons	901,114,209	761,325,278	813,725,299	10% decrease
Transportation Fuels	532,918	367,407	402,476	24% decrease
Landfill waste – tons	7,011	4,697	3,636	48% decrease
Recycling/composting – tons	3,333	4,002	4,012	20% increase
Total waste	10,344	6,371	5,593	46% decrease

## Energy

### Goals:

- Benchmarking energy consumption of standalone buildings and campuses of over 10,000sqft.
- Implementation of all cost-effective energy efficiency investments identified through investment grade energy audits
- By 2020, a 20 percent reduction of total building energy using a 2009 baseline. Monitoring of progress toward this goal through use of EPA's Energy Star Portfolio Manager Benchmarking Accounts
- Supplying current and continual energy consumption information

### Progress:

The Department is on track to meet the above mentioned goals and has achieved a 16% energy reduction in total building use to date. The cost of energy continues to rise. In 2014, the Department spent over \$14 million to heat and light prison facilities, one million more than in 2013 despite a reduction in consumption. The Department continues to look for and implement creative opportunities to reduce energy consumption. One example includes, facilitating the rapid conversion to LED lighting by creating a fast track purchasing mechanism within the Department. WDOC has issued a policy statement requiring all facilities to purchase only LED replacement bulbs and equipment for fluorescent tube replacement. The replacement of all T5, T8, and T12 lighting will significantly reduce energy consumption. This systemic change in lighting technology will reduce energy consumption, and significantly reduce bulb waste and staff time currently dedicated to more frequent bulb replacement associated with older fluorescent technology.

## Water Conservation

### Goal:

The Department's water conservation goal is to achieve a maximum consumption rate of 115 gallons per offender per day in minimum security settings and 130 gallons per offender per day in higher custody facilities. This goal is under review as required by our Statewide Water System Plan.

### Progress:

In 2014:

- Minimum security facilities consumed potable water at a rate of 116.6 gallons per offender per day
- Higher custody facilities consumed potable water at a rate of 117 gallons per offender per day
- From 2009-2014, prison facilities have reduced the consumption of potable water by 10%

Strategies to reduce potable water include:

- Installation of rain water catchment systems



- Low flow irrigation design: using timers and drip irrigation systems
- Low flow toilets and showers are now standard features in all facilities
- Planting native and drought-tolerant plants, especially at eastside facilities: CRCC, WSP, and AHCC to reduce the need for landscape irrigation.

We are also looking for opportunities to fund infrastructure projects to complete delivery of reclaimed water to AHCC and WCC. Both facilities have the potential to utilize municipally supplied reclaimed water to offset the use of potable water in gardens and plant maintenance operations. Funding is needed to complete the necessary reclaimed water infrastructure upgrades.

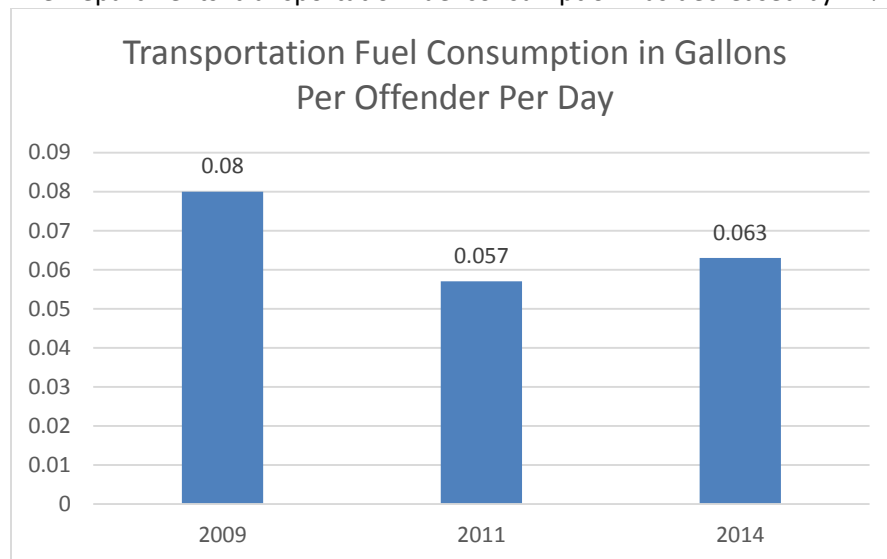
## Transportation Fuels

### Goal:

- To reduce transportation fuel consumption by 20% from the 2009 consumption rate.
- To increase the use of biofuels or electric vehicle use (to the extent practicable) toward the 100% usage of these fuel types to satisfy transportation needs.

### Progress:

The Departments' transportation fuel consumption has decreased by 21% from 2009 to 2014.



**Figure 2. Fuel Consumption Comparisons**

**\*Reflects WDOC prisons fuel consumption only.**

Department use of biodiesel has not increased. Biodiesel is currently only being utilized by operations at WCC. WCC was an early adopter of this alternative fuel when it first became available beginning in 2003. They have continued to work through periodic issues associated with fuel quality and equipment compatibility and shoulder the associated cost increases.

The Department continues to invest in zero emission vehicles and charging stations. The Department Currently leases three zero emission, all electric vehicles and one transitional zero emission vehicle for standard transportation applications.

In addition, the Department routinely utilizes zero emission facility support vehicles. These low speed vehicles replace gas or diesel powered vehicles in all aspects of facility operations and support. The

Department currently owns and operates 24 of these all electric vehicles with 3 more approved for purchase.

The Department has further renewed its commitment to reduce transportation fuel use and emissions by pledging to West Coast Electric Fleets that it will evaluate Zero Emissions Vehicles (ZEV) during all fleet purchases and leases; looking for any opportunity where a ZEV vehicle could fit operational needs. While the Department aspires to a greater commitment to ZEVs, the vast majority of fleet vehicles serve in response and patrol roles making it impractical to pledge a higher level of replacement. However, *Transitional* Zero-Emissions Vehicles (TZEVs) such as the Chevy Volt, *do* in many cases meet operational requirements. Therefore, the Department also commits to evaluating the procurement of TZEV's to replace fleet vehicles in all applicable cases and can replace a significant percentage of its fleet with TZEVs

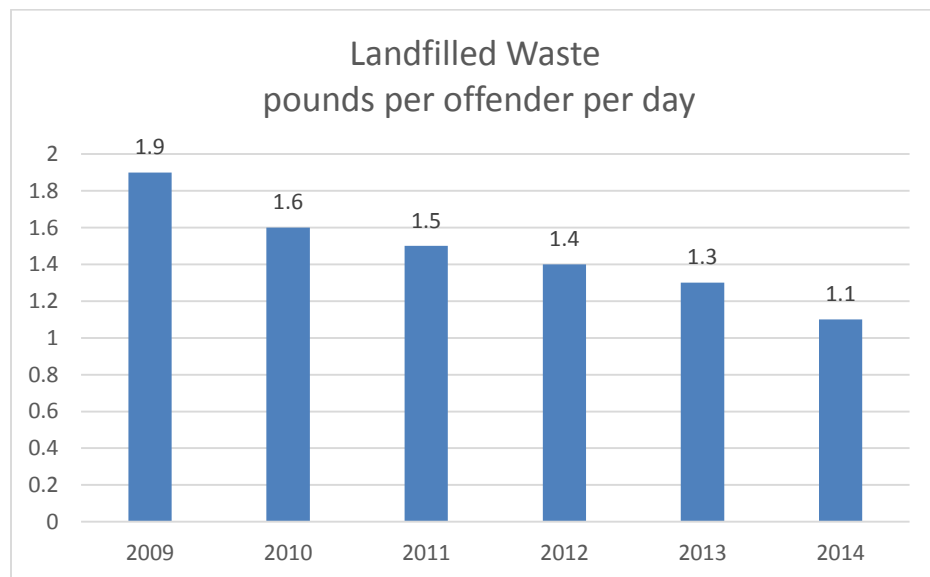
## Waste

**Goal:** Reduce waste going to the land fill to .5 pounds per offender per day.

**Progress:** Total waste generation continues to trend steadily downward. Much of this progress can be attributed to success in diverting food waste. Facilities are continuing to improve their up-stream diversion efforts.

The standard waste management protocol expected at all facilities is that any trash receptacle must be co-located with the appropriate diversion/recycle receptacles. This gives staff and offenders the convenient opportunity to responsibly manage their waste.

Although waste reduction is continuing with steady progress, the Department is not on track to reach the goal of 0.5 pounds per day by the close of 2015. However, the trend shows waste should be below 1.0 pound per offender per day by the end of 2015, a notable reduction.



**Figure 3.** Landfill Waste Comparisons

## Sustainable Purchasing

Sustainable purchasing must be a major part of future waste reduction efforts. As recycle markets remain unstable and many waste streams must still go to the landfill, we need to look at reducing the



amount of materials brought into facilities. We should be reducing our consumption of environmentally harmful products and packaging, rejecting products that perpetuate harm to our environment, and looking for more environmentally preferable options. The Department has developed a Sustainable Purchasing Policy compelling those involved in procurement and product selection to consider environmentally preferable options.

## **Sustainable Food Service**

Two programs stand out in efforts to improve the sustainability of our food service operations. These are the Farm to Prison and Garden to Table projects.

Both have similar goals:

- Reduce the carbon inputs associated with food production and procurement
- Improve the health and well-being of our populations and communities
- Strengthen our food security
- Waste reduction
- Provide skills and opportunities that support successful reentry
- Development of community partnerships

### **Farm to Prison**

Our farm to prisons program began as a pilot modeled after the Farm to School Program. Although during the first year of the pilot the two test facilities realized a 26% cost savings on effected purchases, the pilot did not replace a significant amount of traditionally sourced produce. The pilot is now technically discontinued, but the mechanisms are still available to facilitate direct sales between small local farms and our facilities.

The main reasons the program did not have more impact were:

- Farms could realize higher prices for their produce elsewhere
- Volumes needed by facilities cannot be met by small farms
- Delivery was difficult or not cost effective for farms

That said, several of our facilities maintain regular and mutually beneficial relationships with small local farms. Even more interesting is the amount of inquiry the pilot continues to receive from around the county.

### **Garden to Table**

Gardening at prison facilities has deep roots going back many years, but it has been just in the past several years that facility grounds have been reclaimed for various garden projects with such rapidity. Garden space at facilities has increased significantly, claiming lawns and gravel yards. Production of vegetables has increased with more emphasis on growing produce that can be easily utilized by facility food service operations.



*Carrots harvested from the many gardens at AHCC go straight to the prison kitchen, and onto inmates' plates. Photo by AHCC staff.*

The concern for local food system security and growth of a healthy local agricultural economy continues to gain traction and support. Our communities and governments are realizing we must make the best of our local resources and strengthen our regions capacity for local food production, networks, and food security. In addition, growing, sourcing, and utilizing fresh produce in our facilities creates meaningful jobs, and educational opportunities in food production, care and

handling, storage, and food preparation. These are skills that are empowering and stimulate healthy and productive conversations within the inmate population and that are shared with their family members and communities.

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## 5. Community Contribution Programs

SPP's community contribution programs sustainability programs that directly contribute to the outside community. These programs typically are partnerships between corrections centers and community organizations. Creating partnerships with correctional facilities allows community organizations to increase capacity and provides offenders options to contribute to the world outside the secure perimeter. Many of these programs are well-established and predate SPP. Our objective is to acknowledge and support these productive partnerships, and to provide a comprehensive overview report of activities taking place statewide.

SPP's conservation and sustainable operations programs also make community contributions; for example, the Conservation Nurseries provides hundreds of thousands of plants to regional restoration, and sustainable operations programs contribute by reducing prisons' environmental footprint and saving taxpayer dollars. Those contributions are detailed in other sections of this report. SPP programs focused on community contributions are described here under a few categories.

### Dog and Cat Programs

Dog and cat programs are the most common example of community contribution programs, and are common in prisons across Washington. These programs are considered part SPP because of the characteristics they have in common with conservation programs and their strong connection to SPP's five Essential Components. Nearly all of WA's prisons have formed one or more partnerships with community non-profits to create programs in which offenders train dogs and cats for general or service animal adoption. Inmates receive support from partner organizations to provide excellent animal care and obedience training. There were 501 incarcerated men and women participating in dog or cat programs in prisons across the state in FY15. A complete list of FY15 dog and cat programs and partners is included below.



**Table 4. FY15 Dog and Cat Programs**

<b>Prison</b>	<b>Program focus</b>	<b>Partner Organizations</b>	<b>Known Highlights FY15</b>
AHCC	Pawsitive Dogs: dog adoption	Diamonds in the Ruff and Spokanimal	20 dogs adopted
CBCC	Dog adoption	Welfare Animal Guild (WAG!)	
CCCC	Service dogs for veterans	Brigadoon Service Dogs	22 dogs to veterans to provides services including diabetic alert, mobility assistance, and behavioral health
CRCC	Ridge Dogs: dog adoption	Benton Franklin Humane Society, Adams County Pet Rescue and Forgotten Dogs Rescue	300 dogs in 2014, 900 dogs since 2010
CRCC	Cat adoption	New program	
LCC	Larch Cat Adoption Program (LCAP)	West Columbia Gorge Humane Society and Humane Society for SW Washington	
MCC-TRU	Dog adoption	Summit Assistance Dogs	20 dogs, 4 of which were eligible for training as service dogs; 76 offenders participated
MCC	Cat adoption	Purrfect Pals	
OCC	Dog adoption	Olympic Peninsula Humane Society	
SCCC	Freedom Tails: dog adoption	Harbor Association of Volunteers for Animals (HAVA)	
SCCC	Service dogs for veterans	Brigadoon Service Dogs	
WCC	Law enforcement dogs		
WCCW	Dog adoption, service dogs, dog care (client services to therapy dogs, grooming & kenneling)	Prison Pet Partnership (program originated in 1981!); Collar of Hope	Cared for more than 10,500 animals, average occupancy of 101%; 28 dogs adopted; offenders gave 180 hours of service dog instruction to community volunteers; nationally certify groomers
WSP	Dog adoption	Blue Mountain Humane Society	
WSP	Cat adoption	Blue Mountain Humane Society	

We have heard from inmates and staff alike that pet programs are a benefit to all involved, and to the larger prison community as well. We have heard numerous testimonials on both the in-prison and post-release benefits of pet programs. The quote below from a dog trainer at CRCC provides a nice example:

that surrounded me. I never felt like I fit in any where, until I started the dog program. Now I find myself learning countless skills that can help me in the real world, such as patients, how to take care of living beings, how to be pro social with people, and many other things as well. By the help of this program and my bosses, as well as the people around me, I know how to succeed, and owe it to this program.

### Reclaim, Repurpose or Restore, and Donate

Consistent with the earliest days of SPP programs, WA prisons have a mindset to “throw nothing away,” to pull from a waste stream (within or outside the prison) and transform refuse into something of value.



*This gorgeous chess set was made from reclaimed wood in WSP's Sustainable Practices Lab; it will be donated to raise funds for a local charity. Photo by Joslyn Rose Trivett.*

Looking at reports of offender job programs, 242 offenders are employed in this area of work. This is likely an underestimation. Every program within WSP's Sustainable Practices Lab repurposes materials for community donation, ~140 inmates work in those programs, and only some of those programs are represented in the summary below. Similar omissions exist for other prisons as well.

In some cases, these programs directly meet an organization's need, such as quilts to a homeless shelter, refurbished computers to schools, and produce to food banks. In other cases, they donate handmade or restored creations for organizational fundraising.

**Table 5.** FY15 Community Contributions Programs to Reclaim, Repurpose, Restore, or Donate

Prison	Program focus	Known Partner Organizations	Known Highlights FY15
AHCC	Computer refurbishment	School District 81	17 computer systems were donated to schools
AHCC	Firewood cutting	SNAP Spokane	donated 493 cords of wood to low-income households
AHCC	Horticulture	Second Harvest Food Bank	200 lbs of produce to a non-profit (and 1000 lbs since!)
CCCC	Horticulture	Rochester Organization of Families (ROOF) & Thurston County Food Bank	6.5 tons of produce to other prisons and local food banks
CCCC	Wood reclaim	DNR Urban and Community Forestry Program	Donate to Evergreen woodshop and area nonprofits



CRCC	Teddy bears		100s of teddy bears since program launch 18 months ago
LCC	Firewood cutting		
LCC	Horticulture	Clark County Food Bank	
MCC	Wheelchair repair		
MCC	Vermicomposting	Fircrest Residential Habilitation Center, City of Monroe	Grew 5000 flowers for the city; worm bins for occupational therapy program at Fircrest; gave 2 million worms to other programs (other prisons, schools, and centers)
OCC	Firewood cutting		
SCCC	Bicycle and wheelchair repair	Lion's Club	
WCC	Horticulture	City Reach Food Bank, Thurston County Food Bank, Saint's Pantry Food Bank, Shelton Community Kitchen	17,340 lbs to food banks (2015 season)
WCCW	Bicycle repair	Port Orchard Kiwanis Club's rodeo, JBLM families, Gear Up	165 bikes donated to kids
WCCW	Horticulture	Tacoma Community College, WSU Master Gardeners, Mother Earth Farm	Mother Earth Farm donated 75,000 pounds of fresh produce to the Food Network to distribute to local food banks; participated in Master Gardeners spring plant sale
WCCW	Floral Design	Tacoma Community College	Arranged 20+ weddings, 15+ funerals, 12+ community events
WSP-SPL	Bicycle repair	Crime Watch	SPL donated 199 items to state agencies (e.g. refurbished sign for state park) and <b>25262 items to 105 non-profit charities!</b>
WSP-SPL	Cultural crafts	Carnegie Art Foundation	
WSP-SPL	Fabric crafts (teddy bears, quilts, etc.)		
WSP-SPL	Sign Shop		
WSP-SPL	Wood and carving shop		

## Community Work Crews

The minimum security prisons (LCC, OCC, MCCCW, and CCCC) and units (Minimum Security Unit="MSU") house inmates for a relatively short time preceding release. Many minimum security inmates are allowed to work "outside the fence", and join offsite crews. These crews are a vehicle for positively reconnecting to the outside community: providing exposure to and experience in the world outside the fence, while contributing needed community services. Participation in these crews can ease the transition back to the community post-release.

These crews employ more inmates than any other kind of program under the SPP umbrella, 1,772 incarcerated men and women this fiscal year. With so many inmates participating at hundreds of sites statewide, we need to learn more about these programs, including how well each does and does not fit the SPP model.

**Table 6. Community Work Crews**

Prison	Crew type	Known Community Partners	Known Highlights FY15
AHCC	Community Work Crew		
AHCC-MSU	Forestry	DNR and WA State Parks	Planted ~390,000 trees in ~1200 acres; fire fuel reduction/vegetation management for 715 acres.
CCCC	Community Work Crew	All crews: 47 community sites! (e.g. City of Tumwater, Left Foot Organics, Black Hills School)	All crews: 34,974 Hours to support local community contracts
CCCC	Forestry	DNR	
CCCC	Prairie Restoration Crew	CNLM, DNR, JBLM, Friends of Puget Prairies, and others	Dedicated to full-time prairie restoration in southern Thurston County
CRCC-MSU	Community Work Crew		
LCC	Community Work Crew		
MCCCW	Community Work Crew	19 community sites (e.g. Girl Scout camp, Grapeview School, Kitsap Conservation District)	Landscape and facilities maintenance including noxious weed removal & trail maintenance
MCCCW	Fisheries		11 inmates dedicated to marking and releasing salmonids for 3 months
MCC-WSR-MSU	Community Work Crew		
WCCW	Organic Farm Crew	Mother Earth Farm	1 day of class/4 days at farm weekly

## 6. Conservation Programs

SPP conservation programs represent ambitious collaborations among multiple partners. Each program receives crucial support from a variety of contributors including inmates, corrections staff, SPP graduate student staff from Evergreen, SPP staff, agency scientists, and community partners. Program success is dependent on each participant contributing their expertise and time. Programs are designed to maximize benefits for each collaborator by sharing workload and leveraging resources.

### Oregon Spotted Frog Program

The Oregon spotted frog (OSF; *Rana pretiosa*) is a state-listed endangered species and federally-listed threatened species; this warm water marsh species has vanished from an estimated 70% of its historic range. Since 2009, SPP has partnered with the OSF recovery group: scientists and conservation leaders from the Washington Department of Fish and Wildlife, the US Fish and Wildlife Service, and three zoos. With support of the recovery group, SPP has participated in a program to head start OSF in captivity and release them to wetlands in Pierce County.

Inmates, staff, and students have worked together to successfully raise 879 OSF in six seasons at Cedar Creek Corrections Center (CCCC; see Table 7). Inmate technicians are excellent at captive rearing work.



They routinely achieve high rates of survival and raise large frogs closer to reproductive maturity at the time of release. Since 2009, 13 inmate technicians have received herpetological training, six graduate students have coordinated the program, and four corrections staff have served as WDOC staff liaison for the frog and turtle programs. Since fall 2013, four inmate technicians have been awarded SPP certifications for their work and demonstrated knowledge in the herpetology program.

In 2013, the OSF captive rearing program was temporarily put on hold during recovery plan updates. Captive rearing resumed in 2014 in CCCC's new herpetological area, designed to house both the Oregon Spotted Frog and Western Pond Turtle programs.

The OSF program is scheduled to be put on hold during an evaluation period by the US Fish and Wildlife Service. This year may have been the last year for head starting OSF—we await further information from our partners.

**Table 7.** Oregon Spotted Frog Rearing at CCCC March 2009 – October 2015

Year	Eggs Received	Number Released	Overall Survival	Overwintering Received	Overwintering Released	Overall Survival	Total Released
2009	80	62	84%	5	5	100%	67
2010	99	82	83%	29	26	90%	108
2011	256 (202 viable)	163	81%	67	59	88%	222
2012	368	247	67%	11	4	36%	251
2014	100	64	64%	0	N/A	N/A	64
2015	269 (201 viable)	167	83%	0	N/A	N/A	167
<b>TOTAL</b>	<b>1172 (1050 viable)</b>	<b>785</b>	<b>77%</b>	<b>112</b>	<b>94</b>	<b>84%</b>	<b>879</b>



*Frog technician Angelmeyer bids good-bye to the frogs he helped raise at CCCC. Photo by Sadie Gilliom.*

## Western Pond Turtle Program

The western pond turtle (*Emys marmorata*) is a state-listed endangered species and federal species of concern. The turtles once ranged from the Puget Sound lowlands through western Oregon and California to Baja, California. Recovery in Washington will require long-term efforts because the turtles mature slowly, requiring up to 10 years to produce their first offspring. Led by Washington Department of Fish and Wildlife (WDFW), partners have been working toward the recovery of western pond turtles since the late 1990s. At the start of recovery efforts, only about 150 turtles remained in the wild in two locations. Today, more than 2150 captive-reared turtles have been released at 6 locations. In 2013, SPP joined partners to assist in on-going recovery efforts. The results of SPP's contributions are listed in Table 8 below.

In recent years, some western pond turtles have been afflicted by an infection of the shell ("shell disease"). In some individual turtles the disease requires an initial period of intensive care provided by veterinarians at PAWS. After completing intensive care treatments, some turtles are moved to Cedar Creek Corrections Center (CCCC) to receive extended care provided by two trained inmate technicians. An existing building at CCCC was modified to provide an appropriate environment for turtle rehabilitation. The technicians provide daily maintenance care while the turtle's shells complete the healing process. As each individual turtle heals, it can be released back into the wild. After their release, WDFW monitors the turtles in the wild for health and ability to reproduce. Inmate technicians receive SPP certifications for this work (in combination with their participation in the Oregon Spotted Frog Rearing program).

**Table 8.** Western Pond Turtle Rehabilitation at CCCC 2013 - July 2015

Year	Turtles Received	Turtles Released
2013	8	2
2014	14	17
2015 (as of July 2015)	3	6
<b>Total</b>	<b>25</b>	<b>25</b>

## Conservation Nursery Programs

Since 2009, SPP has steadily expanded programs to produce native plants for ecological restoration. Our first conservation nursery program started at Stafford Creek Corrections Center (SCCC) in 2009. This year we invested significant effort into launching two new programs: violet seed production at Washington Correction Center (WCC) and Washington Corrections Center for Women (WCCW) and sagebrush plug production at Coyote Ridge Corrections Center (CRCC). We now operate a total of five conservation nursery programs throughout the state.

### Sagebrush Conservation Nursery

Early spring 2015, 20,000 sagebrush plants were sown at CRCC. Due to the dedication of corrections staff, partners, and inmates, the program was able to overcome early season challenges to flourish. The CRCC Maintenance Department played a critical role in program operation. All maintenance staff shared program coverage when the primary corrections supervisor was not available. This program also represents a new model for SPP conservation program operation: a contractor, Gretchen Graber from WSU, supported program coordination and education elements.



Program funding support was provided primarily by partners with the Institute for Applied Ecology (IAE) and the Bureau of Land Management. The CRCC program is part of a multi-state effort led by IAE to restore habitat for the greater sage-grouse. Sagebrush prison programs are currently operating in Oregon, Idaho, and Washington prisons, with plans to expand to other states. Sagebrush plants will be outplanted on BLM lands November 2015. Building on a successful first season, this program will expand in 2016 to include more plants and a second sagebrush-steppe plant species.

This season, five inmate technicians participated in the program and each received certification. From April to June 2015, we provided two lectures on sagebrush; approximately 50 inmates and corrections staff attended the first, and five sagebrush technicians and corrections staff attended the second. Next season the collaboration will expand educational programming for participants and the general population.

### **Prairie Conservation Nurseries**

SPP continues to be among the most generative organizations for South Puget lowland prairie restoration. SPP receives funding support for the Prairie Conservation Nursery Program from the Center for Natural Lands Management (CNLM) and Joint Base Lewis McChord (JBLM). Plants produced by SPP's prairie conservation nurseries are used by state and federal agencies and conservation organizations including the U.S. Fish and Wildlife Service, JBLM, WA Dept. of Fish and Wildlife, WA Dept. of Natural Resources, and CNLM. In close collaboration with CNLM, the program supplies plants to an increasing list of agencies. The National Park Service and the National Forest Service are the newest national partners.

### **Plant-Plug Production**

During FY15 the prairie conservation nursery program operated plant production at three sites: Stafford Creek Corrections Center (SCCC), Washington Corrections Center for Women (WCCW), and Shotwell's Landing Nursery. Shotwell's Landing is supported by a Prairie Conservation Crew from Cedar Creek Corrections Center (CCCC), a crew of 10 inmate technicians dedicated to prairie restoration at multiple sites in Thurston County. Currently, the three nursery sites have an annual sowing capacity of 700,000 plugs, and produce up to 420,000 viable plant-plugs annually. In 2014, the nursery delivered 373,602 plant plugs for Taylor's checkerspot recovery and regional prairie restoration (see Table 9). In 2015, we are on track to deliver more than 400,000 plants.

Overall, while increasing production and species diversity, SPP's Prairie Conservation Nursery Program has maintained high survival rates—while a 50% delivery rate may not seem impressive, considering that *none* of the species grown are commercially successful, 50% is phenomenal. The total number of plant-plugs produced since 2009 is also impressive: we have surpassed 1.5 million during the reporting period.

**Table 9.** SPP Conservation Nursery Program Plant-Plug Production Summary, 2009-2015

	2009*		2010*		2011*		2012		2013		2014		2015**		Total/ Average
	Plant-plugs	# sp	Plant-plugs	# sp	Plant-plugs	# sp	Plant-plugs	# sp	Plant-plugs	# sp	Plant-plugs	# sp	Plant-plugs	# sp	Plant-plugs
Sown Winter	0		-	0	127,200	5	272,850	24	452,368	31	478,600	38	467,960	34	1,331,018
Sown Summer	189,000	9	338,485	15	163,600	9	218,400	12	227,164	20	319,375	34	297,224	30	1,267,024
Total Sown	189,000	9	338,485	15	290,800	14	491,250	36	679,532	51	797,975	72	765,184	64	2,598,042
Total Sown Capacity	200,000		320,000		320,000		470,000		650,000		700,000		700,000		
Percent of Capacity	95%		106%		91%		105%		105%		114%		109%		103%
Total Requested	100,000	9	415,500	17	320,600	19	421,260	42	402,000	65	418,100	72	425,614		2,403,074
Percent Delivered of Sown	52%		51%		72%		68%		55%		47%				58%
Total Delivered	98,000	9	173,336	15	209,057	14	336,341	38	375,242	42	373,602	68	56,204**		1,523,782

\* 2009, 2010, 2011 totals show for SCCC nursery only; 2011 SCCC nursery site relocation disrupted plant production that year

\*\*2015 Sown Winter and Total Delivered reported as of June 30, 2015; total Sown Summer as projected

### Seed Production

Two new projects were started in 2014-15 to cultivate early blue violet (*Viola adunca*) for seed production. A combined total of 5,400 square feet are devoted to violets at WCCW and WCC. The infrastructure for these projects was fully funded by JBLM's Fish and Wildlife program and CNLM. At WCC, the program is located in the Skill Builders Unit (SBU) where it is integrated into the Centralia College horticulture program for inmates with severe cognitive and behavioral challenges.

The preliminary harvest numbers for violet seeds are outstanding: we have achieved more than *twice* the normal harvest rate for this species. The cultivation, harvest and cleaning of the early blue violet is an intensive process requiring trained, diligent labor. The corrections centers offer an excellent opportunity to provide assistance. However, the production of seed within the context of the SBU requires significant personnel resources. While SPP has dedicated substantial personnel time to the program (see *Training and Education*, below), we need to further increase our onsite availability for training and supervision to provide appropriate training to the SBU. SPP will also work closely with WCC to identify staffing resources from the offender population to increase the offender-teaching assistant-to-student ratio. We expect this staffing issue to take some time for SPP and the WCC administration to resolve.

### Training and Education

SPP's graduate student program coordinators provide frequent and direct guidance and education to inmate technicians. The graduate students serve as the primary liaisons between all partners, including the WDOC staff who supervise and counsel the inmates. Since 2010, the Conservation Nursery Program has trained nearly 150 inmate technicians, 14 graduate students have provided program coordination, and 5 corrections staff have served as program supervisors. At the four nurseries, we offered 24 lectures and 97 workshops during the reporting period. Further details are provided in Table 10.



**Table 10.** Conservation Nursery Lectures and Workshops July 1 2014-June 30, 2015

	SPP Staff	Graduate Students	Program Partners	Total Presenters	DOC Attendees
<b>Lectures</b>					
SCCC	1	4	0	5	27
WCCW	1	4	1	6	10
CCCC - Shotwell's Landing	3	4	6	13	33
WCC	0	0	0	0	0
<b>Total</b>	<b>5</b>	<b>12</b>	<b>7</b>	<b>24</b>	<b>70</b>
<b>Workshops</b>					
SCCC	4	8	0	12	27
WCCW	4	20	1	25	10
CCCC - Shotwell's Landing	4	12	4	20	33
WCC	14	26	0	40	26
<b>Total</b>	<b>26</b>	<b>66</b>	<b>5</b>	<b>97</b>	<b>70</b>

This year, SPP offered extra workshops at WCCW and WCC to address the intricacies of violet seed collection and cleaning. At WCCW, this seemed to result in boosted crew morale and retention. Creating a new project at WCC's SBU required extensive preparation and contact with the offender technicians. In cooperation with Centralia College, SPP researches and presents curricula fitting the diverse and variable learning levels of SBU offenders. Often, the graduate student staff spends *twice* the amount of time presenting at WCC as compared to WCCW. The extra time investment is required for SBU crew's comprehension; increased contact time also fosters trust between SPP staff and the crew.



*SBU crew share their enthusiasm for the horticultural program at WCC. Photo by Sue Sheldon of Centralia College.*

The violet seed project is funded by contracts from conservation land managers at JBLM and CNLM, partners who have demonstrated strong support for SPP's mission to bring restoration ecology into a corrections environment. However, funds for conservation on south Puget prairies are finite, and the new program at WCC is proving funding-intensive. Their support of the program is assured through 2016. SPP will propose means for WDOC to partially or wholly fund the educational component of the violet seed program at WCC in FY17, while the conservation partners continue to fund the infrastructure and direct seed processing training.

### Program Improvements

In FY14 and FY15, SPP staff implemented three strategies to improve the Conservation Nursery Program: 1. more consistent SPP staff presence, 2. increased educational offerings, and 3. professionalizing technician certification. Comparing retention rate and certification awards between the two years, we see a correlation (Tables 11 and 12). In the second year, more participants earned certificates, and we retained more offender technicians (fewer participants means less annual turnover). The certification rate rose at SCCC by 44% and at WCCW by 27%.

The exception was for CCCC's offsite crew; they have struggled with security issues leading to infractions and dismissal from the crew. These issues are primarily the responsibility of CCCC's custody staff, but SPP has participated in problem solving meetings with the CCCC off-site team and the crew member's counselors. We recognize that program participation and completion are impacted by a number of factors beyond our control including infraction, release, and job assignment changes.

**Table 11: Conservation Nursery Certificates July 1 2014-June 30, 2015**

Location	800 hours	400 hours	Total	Total Participants	% Certified
SCCC	7	4	11	14	79%
WCCW	1	2	3	5	60%
CCCC - Shotwell's Landing	3	4	7	22	32%
<b>Total</b>	<b>11</b>	<b>10</b>	<b>21</b>	<b>41</b>	<b>51%</b>

**Table 12: Conservation Nursery Certificates March 2013-March 2014**

Location	800 hours	400 hours	Total	Total Participants	% Certified
SCCC	3	6	9	26	35%
WCCW	3	0	3	9	33%
CCCC - Shotwell's Landing	4	9	13	32	41%
<b>Total</b>	<b>10</b>	<b>15</b>	<b>25</b>	<b>67</b>	<b>37%</b>

### **Taylor's Checkerspot Butterfly Program and Other Pollinator Programs**

SPP has engaged the patience and diligence of inmate technicians to achieve great success with pollinating insects including honey bees and two species of butterflies.

Four prisons raised honeybees in FY15. These programs provide training for inmate technicians and contribute to rebuilding bee populations. WCCW added a new beekeeping program this year, complementing the beekeeping experience some inmates gain offsite at Mother Earth Farm. In partnership with Olympia Beekeepers, CCCC offered the first known apprentice level beekeeping certification in a prison. In response to interest from multiple facilities, SPP is developing a funding proposal to expand beekeeping and apprentice beekeeping certification programs to more prisons in FY16.

Fall 2014, inmate technicians and staff in the Mental Health Unit at WSP reared and tagged 1,345 monarchs for release. This program is operated in partnership with Washington State University professor Dr. David James.

Our flagship pollinator program is with the Taylor's checkerspot butterfly (*Euphydryas editha taylori*), a Federally-endangered species that once flourished from southern British Columbia to central Oregon. Only a few small, isolated populations of the butterfly remain. The SPP rearing facility at Mission Creek Corrections Center for Women (MCCCW) adds to the scope and resilience of recovery efforts and bolsters the original rearing program at the Oregon Zoo. The first Taylor's checkerspot caterpillars were delivered to MCCCW February 2012. The end of FY15 marks the completion of the program's fourth

successful breeding season. Three cohorts of these animals have been cared for by inmate technicians at MCCCW throughout their complete life cycle.

As of September 2015, inmate technicians, students, corrections staff, and partners have reared and released more than 8,000 caterpillars and adult butterflies onto South Sound prairies. More than 21 inmate technicians have received animal husbandry training, 3 graduate students have coordinated the program, and 3 WDOC staff have served as liaisons. Since fall 2013, SPP has issued 7 certificates for inmate technicians completing training in the program.

In July 2014, 2,731 caterpillars went into diapause (animal dormancy) at MCCCW for the winter. A total of 2,701 caterpillars survived diapause, an over-wintering survival rate of 99.1%. In late February and early March of 2015, we released 2,234 caterpillars at two sites within Glacial Heritage Preserve and JBLM. The 240 captive-bred caterpillars that were retained contributed to the 2015 breeding season. In spring 2015, 5,376 eggs were collected from both wild and captive bred females. Rearing outcomes for this reporting period are summarized in Table 13.

**Table 13.** Taylor's Checkerspot Rearing and Adult Butterfly Breeding at MCCCW July 2014 - June 2015

	Into Diapause July 2014	Released February/March 2015	Retained for Breeding March 2015	Egg Laying Females April/May 2015	Eggs Produced May/June 2015
Wild	1,934	1,549	240 (120 transferred to OR Zoo)	20	2,688
Captive-bred	685	685	0	26	2,688
Second Diapause Caterpillars	36	36	0	N/A	N/A
Unidentifiable Caterpillars	76	76	0	N/A	N/A
<b>Totals</b>	<b>2,731</b>	<b>2,346</b>	<b>240</b>		<b>5,376</b>



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## 7. Education Programs

Education is integral to SPP's programs; our aim is to make the most of formal and informal opportunities for education, and to offer new knowledge and new practice to inmates, staff, and all partners. SPP programs dedicated to education as a central focus include our Science and Sustainability Lecture Series, an environmental literacy course called Roots of Success, and those community college programs related to nature and/or sustainability.

### Community College Courses

CCCC, MCC, WCC, and WCCW offer vocational horticultural classes, and those students gain access to classroom instruction and hands-on work in those prisons extensive gardens. At CCCC, horticulture graduates may be hired as Teaching Assistants who largely oversee the greenhouses, aquaculture program, and many fields. At MCC, the students interface with the vermicomposting program which has a robust scientific basis. At WCC, the students also participate in SPP's conservation nursery, producing seeds of a prairie violet essential to rare and endangered butterflies in the region. WCCW's students have access to diverse specialties such as flower arrangements, house plants, and farming.

Through a partnership with Peninsula College, CBCC and OCC recently started offering Green Building and Carpentry. Other facilities also have vocational building programs that include green building modules.

In FY15, SPP met with Brian Walsh, former instructor at CBCC, and now the Policy Associate for Corrections Education at Washington State Board for Community and Technical Colleges. We share interest in creating more sustainability-related vocational programs. Planning is in progress for an arboriculture education program, leveraging the expertise of DNR's Community Forestry program.

### Lecture Series

During fiscal year 2015, highlights from SPP'S Science and Sustainability Lecture Series include:

- Early development for a lecture series in the Intensive Management Unit (IMU) at Monroe Correctional Complex with the help of Mike Walker, IMU and ITU Program Manager
- Development underway for a lecture series at Washington Corrections Center; Associate Superintendent Dean Mason created a lecture series DOC staff-team who visited the lecture series program at SCCC and met with staff; program expected to begin fall 2015
- Lecture series certificates now recommend transfer credits for enrolled students at The Evergreen State College (Evergreen)
- Met high demand for scientific nature drawing with two workshops on that topic
- Held the first live animal presentation at SCCC
- In response to high demand and limited classroom space at SCCC, updated lecture series sign up to first-come-first serve
- First presentation by previously incarcerated lecturers (SCCC 5/25/2015)

Overall attendance of the Lecture Series for FY15 continued to increase, and was up 11% at SCCC and 7% at WCCW compared to FY14. This is likely due to no cancelled lectures this year; for the first time, a lecture was held at both WCCW and SCCC every month for the first time—no emergent security situations interfered, and no lecturers canceled at the last minute!

Lecture topics and number of inmate-attendees at both facilities are detailed in Tables 14 and 15 (due to repeat attendance, many students are counted more than once).

**Table 14.** Summary of Lecture Series at Stafford Creek Corrections Center FY15

<b>Date</b>	<b>Presenter</b>	<b>Topic</b>	<b>Attendance</b>	<b>SPP Host</b>
7/17/2014	<i>Dr. Carri LeRoy</i> SPP Co-Director and Member of the Faculty, Evergreen State College	Scientific Nature Drawing Workshop	37	Tiffany Webb
8/21/2014	<i>Tiffany Webb</i> SPP Lecture Series Program Coordinator and MES Graduate Candidate, Evergreen State College	Scientific Nature Drawing Workshop	31	Tiffany Webb
9/18/2014	<i>Allie Feidt</i> Education and Outreach Coordinator, South Puget Sound Salmon Enhancement Group	Salmon Habitat Restoration in the Puget Sound	78	Tiffany Webb
10/16/2014	<i>Jonathan Betz-Zall</i> Member of the Faculty, Highline College	Introduction to Environmental Justice	37	Tiffany Webb
11/20/2014	<i>Kirk Hafner, M.S.</i> South Sound Solar, Inc.	Solar Energy and Job Opportunities	55	Tiffany Webb
12/18/2014	<i>Tiffany Webb</i> SPP & TESC	Environmental Justice (follow up from 10/16 lecture)	69	Tiffany Webb
1/22/2015	<i>Lindsey Hamilton, Bri Morningred, &amp; Tiffany Webb</i> SPP Program Coordinators & MES Graduate Candidates	SPP Overview & Virtual Tour of Sustainability in WA Prisons	53	Tiffany Webb
2/19/2015	<i>Linda Glasier, PhD</i> Washington Department of Ecology (ECY)	Stormwater and Construction Runoff	60	Tiffany Webb
3/19/2015	<i>Joy Ramstack Hobbs, PhD</i> Science Museum of Minnesota	Diatoms: Microscopic Windows to the Past	68	Tiffany Webb
4/16/2015	<i>Ben Alexander</i> Sound Native Plants	Native Plant Propagation	65	Tiffany Webb
5/25/2015	<i>Kristin Covey, Jonathan Jones-Thomas, &amp; Brian Funk</i> Brightwater Treatment Center, King County	Wastewater Treatment & Job Opportunities	64	Tiffany Webb
6/21/2015	<i>Bethany Alender, Patrick Ferguson, &amp; Laura Milleville</i> MES Graduate Candidates, Evergreen State College	MES Thesis Presentations	59	Tiffany Webb
<b>Total</b>			<b>676</b>	SCCC

**Table 15.** Summary of Lecture Series at Washington Corrections Center for Women FY15

Date	Presenter	Topic	Attendance	SPP Host
7/1/2014	<i>Scott Morgan</i> Sustainability Director, Evergreen State College	Sustainability Workshop	40	Tiffany Webb
9/9/2014	<i>Jeff Antonelis-Lapp</i> Member of the Faculty, Evergreen State College	Natural History of Mt. Tahoma (Rainier)	18	Tiffany Webb
10/7/2014	<i>Danica Hendrickson and Kimberly Corrigan</i> Facing the Future Sustainability Curricula	Fueling the Future: Fossil Fuels and Alternative Energy Workshop	43	Tiffany Webb
11/4/2014	<i>Millie Piazza, PhD</i> Environmental Justice Coordinator, Washington Department of Ecology (ECY)	Introduction to Environmental Justice in Washington State	46	Tiffany Webb
12/16/14	<i>Tiffany Webb</i> SPP & TESC	Environmental Justice (follow-up from 11/4 lecture)	32	Tiffany Webb
1/13/2015	<i>Sadie Gilliom, Lindsey Hamilton &amp; Tiffany Webb</i> SPP Coordinators	SPP Overview & Virtual Tour of Sustainability in WA Prisons	41	Tiffany Webb
2/3/2015	<i>Lynne Weber</i> West Sound Wildlife Shelter	Live Animal Presentation	56	Tiffany Webb
3/3/2015	<i>Joy Ramstach Hobbs, PhD</i> Science Museum of Minnesota	Diatoms: Microscopic Windows to the Past	33	Tiffany Webb
4/7/2015	<i>Rus Higley</i> Marine Science and Technology Center (MaST) at Highline College	Live Octopus & Intelligence	65	Tiffany Webb
5/2/2015	<i>Ben Alexander</i> Sound Native Plants	Native Plant Propagation	23	Tiffany Webb
6/2/2015	<i>Dr. Kevin Francis and Chelsea Smith Waddell</i> MES Director and MES Graduate Candidate, Evergreen State College	MES Student Thesis "Endangered Oregon Spotted Frog Habitat Characteristics" and MES Director Presentation "Epochs"	22	Tiffany Webb
Total			419	WCCW

Since the lecture series became a consistent offering in 2009, we have recorded 4,000 inmate-attendees at the two main facilities, 3,062 at SCCC and 1,886 at WCCW. Counting individual students who have attended the lecture (removing repeat attendance), we have recorded 1,749 inmate-students, 969 from



SCCC and 780 from WCCW. Adding known inmate-students from other facilities and years, we estimate at least ~2000 inmate-students have attended the lecture series.

As reflected in participant surveys and anecdotal shares, inmate-students respond very positively to the lecture series. Workshops and lectures with an interactive component appear to generate the highest levels of student engagement. Students also frequently request lectures that cover job opportunities and offer resources; Lecture Series Program Coordinator, Tiffany Webb, prioritized lectures from experts willing to bring green jobs information from their respective field.

The lecture series continued to offer three levels of certification recognizing attendance of 5 lectures, 10 lectures, and 20 or more. Level 3 certificates were updated to recommend consideration as transfer credit for admitted students at The Evergreen State College, a potential academic benefit to the many incarcerated students without other access to higher education credits. Certificate recipients showed very strong, positive emotional response to the updated certificates, suggesting social-emotional benefits as well. Since certificates have started to recommend credit, interest in the lecture series has increased at both facilities. Next year, we plan to also offer certification to DOC staff members that attend lectures. Lecture series certificates awarded are detailed in Table 16.

**Table 16.** Summary of Students Eligible for Lecture Series Certification

Facility	Certificate	# Awarded
SCCC	Level 1 – 5 or more lectures	25
	Level 2 – 10 or more lectures	14
	Level 3 – 20 or more lectures	2
WCCW	Level 1 – 5 or more lectures	52
	Level 2 – 10 or more lectures	3
	Level 3 – 20 or more lectures	1
<b>Total</b>		<b>64</b>

### Lecture Series Evaluation

In FY15, we analyzed results from 2009-2014 student surveys. A summary of results can be found in Evaluations; to see the full report, please contact Joslyn Rose Trivett, SPP Network Manager.

### Roots of Success

Roots of Success is an environmental literacy curriculum developed by Dr. Raquel Pinderhughes, Professor of Urban Studies & Planning at San Francisco State University (more at [rootsofsuccess.org](http://rootsofsuccess.org)). WDOC began offering the program in July 2013, and interest and availability of the program has grown steadily since. Staff and offender responses to the program content have been very positive. Inmate-instructors have successfully delivered the full curriculum (10 modules, minimum of 50 hours) with minimal staff supervision. Thus far, a total of 406 inmate-students have received certification for all ten modules of the curriculum. Eighteen 18 CI inmate-students have been certified for the condensed curriculum.

Since the last reporting period, 173 inmate students have graduated. Washington Corrections Center graduated 9 inmate students from the abbreviated version of the curriculum, Expanded Fundamentals. See Table 17 for summary details.

**Table 17.** Summary of Roots of Success Graduates FY15

Facility	Graduation date	Graduates	Instructors
SCCC	7/22/14	23	Robert Aleksinski (staff), David Duhaime, Cyril Delanto Walrond, & Grady Allan Mitchell
	10/31/14	22	
	1/30/15	20	
<i>SCCC total</i>		65	
WSP	4/24/14	12	Robert Branscum (staff), John Oyen, Anthony Williams, Joseph McClain, Michael Oakes, Dwayne Sanders, Mike Hoover, Keith Parkins, & Anthony Powers
	7/22/14	13	
	10/28/14	10	
	12/5/14	13	
	1/30/15	13	
	3/12/15	14	
<i>WSP total</i>		75	
CBCC	2/27/15	10	Carlos Bernardez, Douglas Gallagher, Dylon Peterson, Felix Sitthivong, Tronie Young
<i>CBCC total</i>		10	
AHCC	12/12/15	9	Michael Stroman, Alan Gard, Austin Tucker
	3/24/15	5	Alan Gard and Austin Tucker
<i>AHCC Total</i>		14	
WCC-CI	3/5/15	9	John Fitzpatrick and Philip Hicks
<i>WCC-CI Total</i>		9	
<b>Total for all facilities</b>		<b>173</b>	
Note: all Roots graduates receive a graduation certificate from Roots of Success.			

The status of the Roots of Success program is summarized for each facility. Summary for the full curriculum is fully updated; summary for the condensed curriculum is not complete.

**Table 18.** Summary of Roots Status by Institution

Roots of Success Overview by Institution						
Institution	Status	# Offender Instructors	# Staff Instructors	# Graduates since start	Liaison	Notes
<b>Full curriculum - SPP led</b>						
AHCC	3rd cohort in session	3	1	14	Sgt. Robert Mackey	Considering teaching in Minium Security Unit
CBCC	3rd and 4th cohorts in session	7	3	20	Mark Black	Two new inmate instructors and two new staff instructors
CCCC	Discontinued	1	1	10		
CRCC	5th cohort in session	6	4	72	Sandy Leisinger	One instructor was promoted to Master Trainer, one staff member and two inmates are now instructors
LCC	Preparing to start 1st cohort	4	1	0	Sean Piliponis	Four inmates and one staff member have been trained as instructors
MCC	Preparing to start in summer	5	1	0	Scott Leaf	Secured classroom, need computer
MCCCW	Preparing 1st cohort	1	1	0	Dagoberto Cabrera	Four inmates have been trained as instructors, preparing to start 1st cohort
OCC	Preparing to start in summer	3	1	0	Greg Banner	Four inmates and one staff member have been trained as instructors
SCCC	8th and 9th cohort in session	4	1	123	Robert Aleksinski	Three instructors were promoted to Master Trainers
WCC	Full Curriculum planning meeting in July	6	1	0	Jean Anderson	Supporting Exanded Fundamentals Pilot Course, will begin Full Curriculum next
WCCW	Preparing 1st cohort	5	1	0	Paula Andrew	Five inmates and one staff member have been trained as instructors
WSP	13th Cohort in session	6	2	167	Robert Branscum	One instructor was promoted to Master Trainer
<b>Total</b>		<b>51</b>	<b>18</b>	<b>406</b>		

Condensed curriculum - CI led						
Institution	Status	# Offender Instructors	# Staff Instructors	# Graduates	Liaison	Notes
AHCC- CI	Preparing to start*	0	1		Mark Roney	*Waiting for updated curriculum materials to be distributed.
CBCC-CI	Preparing to start*	0	1		Anthony Pickard	
CI- HQ	Preparing to start*	1	4		Lucienne Banning	
CRCC-CI	Preparing to start*	0	1		Tara Proctor	
MCC-CI	Preparing to start*	0	1		Cheri Miller	
SCCC-CI	Preparing to start*	0	1		Hector Ortiz	
WCC-CI	2nd cohort in session	0	1	9	Kathryn Shea	Pilot course graduated, feedback generated curriculum overhaul
WCCW- CI	Preparing to start*	0	1		Kathryn Shea	
WSP-CI	Preparing to start*	2	1		Calvin Thorpe	
<b>Total</b>		<b>3</b>	<b>11</b>	<b>9</b>		

All students complete a Roots of Success-created survey at the conclusion of the class; highlights shared by the organization:

<b>Survey Results from Roots of Success Students</b>
95.71% - Would recommend to others
71.81% - Improved their academic skills
83.01% - Feel more comfortable working in teams
96.53% - Know more about green jobs and career pathways
86.49% - Feel more prepared for a job interview with an employer

**Figure 4.** Sample Survey Results

Inmate-instructors also complete surveys, and their responses are even more positive. *One hundred percent* of instructors said they enjoyed teaching the program, would recommend it to others, and that they saw participants become familiar with green jobs and career pathways. Descriptions of the program's value included:

“Students gained the sense of personal ownership that they can affect life and society and that they are still connected to the world beyond their facility.”

“Roots of Success has been an intricate part of changing the culture of prison and improving the lives of those who participate.”

“Brought many guys of different religions, races, and values together and made it comfortable to work towards change in our lives and communities.”



*Future Roots of Success instructors listen to Master Trainer and course creator Dr. Pinderhughes; Roots' Aliessa Baldé documents the training. Photo by Joslyn Rose Trivett.*

In FY15, 25 offenders and 6 staff members were certified as Roots of Success instructors. Six existing instructors were promoted to Master Trainers, a certification that allows them to certify other Instructors. See Table 19 for more details. At the close of the reporting period, plans were in motion to provide Roots at 11 of the 12 prisons in WA. Updated plans for the

abbreviated version of the curriculum, Expanded Fundamentals, were unknown.

**Table 19.** Summary of Roots of Success Instructor Trainings

<b>Roots Instructors Certified</b>	
Staff	6
Inmates	25
Master Trainers	<b>6</b>
<b>Total</b>	<b>31</b>
<b>Roots Instructors Certified by Facility</b>	
Clallam Bay	4
Coyote Ridge	4
Larch	5
Mission Creek	4
Olympic	5
Stafford Creek	3
WCC	5
WCC-W	6
WSP	1
<b>Total</b>	<b>31</b>

Note: all Roots instructors were certified by Roots of Success.



The primary challenge to the Roots of Success program was the per student cost incurred by host facilities. SPP staff explored options for reducing that cost, and those efforts continue in FY 16.

In the future, we intend Roots to be the first stop on SPP's "Green Track", an innovative job readiness and environmental education initiative for offenders conceived and coined by WA DOC leadership. Green track will provide progressive opportunities in education and practice, and a way to engage inmates in solving environmental issues in the prison and home communities, locally and globally. Once more programs in the Green Track are established, Roots of Success will serve as the prerequisite for more advanced SPP programming.

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## 8. Evaluation

In FY15, we made substantial progress in evaluating SPP programming, and in pursuing formal research of impacts.

### Conservation Technician Data Request

In April and May, 2015, we worked on a data request with DOC research staff to describe inmate-technicians in our conservation programs (conservation nurseries, and endangered species rearing and care programs). We found that **technicians in the four conservation programs are less racially/ethnically diverse** than DOC's averages for incarcerated adults statewide. They are much more likely to have a Low risk assessment than the statewide norm, but more than half of the technicians are designated High Violent or High Non-Violent.

Considering recidivism, we had complete data (start and end dates) for 27 technicians in three of the four programs, all who have released in the last 3 years: 2012=2; 2013=7; 2014=13; 2015=5. None have returned to prison on a new felony. It is far too early to refer to this as a rate of recidivism; a sample of 30 is the low threshold of gaining confidence in results. Thus, for conservation technicians, **we have at least three more years to wait before we will have early results on recidivism.**

From the Infraction/Grievance data and larger sample size (n=62), we saw a decrease during and post program. However, only General (low level) Infractions decreased: from 4.22 pre to 2.11 and 2.00 during/post. All technicians had very low counts of Serious and Violent Infractions *prior* to the program so it was not possible to draw conclusions about reducing those infraction types (i.e. violence in prison). Considering Grievance data, the reduction may indicate increased well-being or satisfaction with the in-prison environment. However, since we support and encourage use of Grievances whenever they serve as a pro-social means of communicating concerns, this is a limited indicator. In general, we can say that **early data indicates that the program *may* have a positive effect on offender behavior and well-being.**

### Conservation Technician Surveys

Beginning in October, 2014, program evaluation surveys were administered to inmate technicians from CCCC, MCCCW, WCCW, and SCCC. We received 21 participant surveys and 17 new hire surveys in FY15, a promising rate of return given that there were ~27 total in these positions during the year. The survey program continues, and we expect to have sufficient respondents to warrant analysis in FY16.

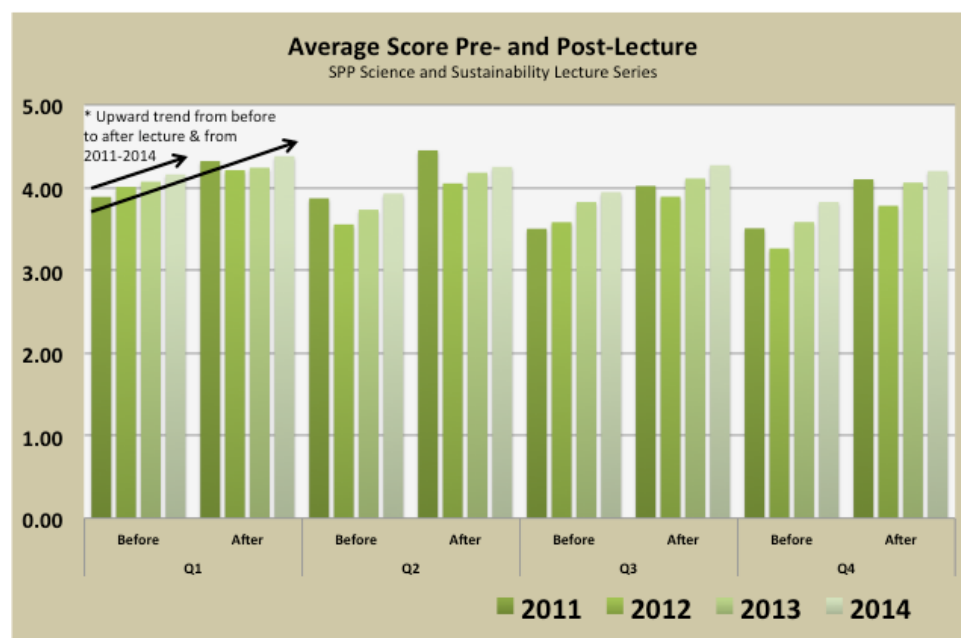
## Science and Sustainability Lecture Series

### Evaluating Environmental Knowledge

All students of the SPP Lecture Series from 2009-2014 were asked a series of true and false questions before and after attending a lecture. Answers were compared for individuals to see if students were gaining information from attending the program. Results found that incarcerated students are coming to lectures with a relatively high level of environmental knowledge, but are leaving having gained additional knowledge on lecture topics (23% increase in correctly answered questions at WCCW; 18% for SCCC). Lecture topics are different each month, therefore students acquire broad and diverse environmental content knowledge.

### Evaluating Environmental Attitudes

From 2011-2014, students of the lecture series were asked before and after a lecture to rate their likelihood of seeking and discussing environmental information. Results showed that most students report a fairly high level of environmental interest before the lecture even begins, and most of them do not shift in that attitude. For inmates who do report a shift after attending the lecture, it is far more likely to be a *pro-environmental* shift. Pro-environmental shifts are strongest in relation to the lecture topic itself, rather than environmental issues in general. More broadly, from 2011 to 2014 attitudes steadily shifted towards the pro-environmental end of the scale; this potentially points to the cumulative impact of the lecture series and sustainability programs WCCW and SCCC offer throughout their facilities.



**Figure 5.** Average Likert scores for WCCW and SCCC pre-and post-lecture for 2011-2014.

### Lecturer Surveys

We began surveying guest lecturers of the Science and Sustainability Lecture Series in October, 2014, and have been disappointed by a very low rate of return for surveys given to lecturers beginning in October, 2014. Following the close of the fiscal year, the program coordinator translated the surveys to online forms, and we expect that this option will largely solve this problem.

## **Pepperdine University School of Public Policy**

Dr. Angela Hawken is professor of economics and policy analysis at the School of Public Policy at Pepperdine University, and she expressed interest in researching impacts on inmates working in our butterfly project. She offered support for practitioner-led trials, including IRB and consulting, at no cost to SPP. She proposed working with measures already collected, such as rates of infractions. To pursue her offer, SPP would identify program sites that could support a randomized controlled trial. Dr. Hawken suggested that short-term waiting lists may be the best way to create a control group.

## **Washington State Institute for Public Policy (WSIPP)**

Evergreen's President, Les Purce, encouraged a phone meeting between SPP Managers and Senior Research Associate Beth Drake. Ms. Drake advised that viable evaluation of program impacts hinges on finding a good comparison group, and that SPP faces multiple challenges when it comes to selection bias. To achieve evidence-based status, we would ideally pursue random assignment. Less desirable but perhaps still acceptable, we could establish a good comparison group for a quasi-experimental design. The latter approach is included in the Human/non-human connection research described below.

## **Human/Non-human Connection Research**

During the winter months of 2014-15, SPP forged a promising new partnership with the Institute for Human-Animal Connection in the graduate school for social work at the Denver University (DU). During FY15, we submitted a collaborative proposal for a Research and Practitioner Grant to the National Institute of Justice (NIJ). We also began drafting a proposal to the National Science Foundation (NSF) to study Coupled Human/Natural Systems. Both proposals include assessment of social/emotional impacts to inmate technicians from working with non-human life (plants in the conservation nurseries, frog, turtles, and butterflies in endangered species rearing and care programs). The NIJ proposal also comprises pilot research of social/emotional impacts for staff involved in those programs. The NSF proposal adds research on the effects of those programs on ecosystem services and biodiversity.

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## **9. SPP Network**

### **SPP-WA**

One of the most gratifying events of FY15 was the Statewide Summit, hosted by Evergreen April 23 and 24, 2014. More than one hundred attendees participated in two high-energy days of presentations, discussions, and panels. It was the first gathering of sustainability-involved staff from every prison in the state. They were joined by representatives from DOC Headquarters, Evergreen, other state agencies, University of Washington, conservation and natural resources non-profits, community and faith-based organizations, and SPP-Oregon. The agenda covered statewide issues, such as policy, action planning, and international expansion, and dove deep into each program area: conservation, education, sustainable operations, and community contributions.

### **SPP Network-International**

In FY15, SPP-WA continued to act as the primary point of contact for the SPP Network. SPP-WA continues to be recognized by other countries, states, and counties for leadership in prison-based sustainability and science programming. The distinction between SPP-WA and SPP Network activities has blurred, as activities that benefit one consistently benefit the other, and thus we have been able to provide support to the Network by leveraging statewide efforts. However, development specific to the

Network has been limited, and new sources of support are needed for new Network-specific initiatives. Work focused on the SPP Network has been funded by the National Science Foundation and the Herb Alpert Foundation. Both of these funds are now expired, and the search for new sources of support for Network activities continues.

In FY15, all SPP Network teams continued their involvement and interest, with the exception of California state; thus, the Network comprises: [OR](#), [MD](#), [UT](#), [OH](#), and [WA](#) states; [Multnomah](#), [Los Angeles](#), and [Santa Clara](#) Counties. These 8 teams were primary collaborators at the national level.

We continued to field inquiries from potential new Network participants from multiple states and countries, from corrections staff, community members, students, faculty, and scientists. International contacts in FY15 included the United Kingdom, Chile, Belgium, Nigeria, Korea, and Japan. More extended and developed initiatives are outlined below.

### Hosting

- Network visitors Warden Buchanan of SPP-Ohio, and Director of Reentry Hinton and Dr. Chris Swan of SPP-MD visited western Washington in September, 2014; toured 3 facilities and saw conservation nurseries, prairie restoration site, Roots of Success, dog program, sustainable operations suite, program area of IMU, vermiculture and vermicomposting, and bike and wheelchair repair
- Partners from University of Denver Institute for Human-animal connection visited in March, 2015; tours at MCCCW and WCCW focused on conservation programs; meetings at DOC Headquarters included Research staff and multiple SPP representatives
- Hosted Atsuko Otsuka; tours of dog, turtle, and frog programs at CCCC and conservation nursery, dog and gardening programs at WCCW. Also met with SPP Co-Director, Steve Sinclair regarding program replication in Japan.
- Beth Waitkus, Director and William Hodgman, President of the Board from Insight Garden Program toured of all sustainability programs at CCCC and SCCC April 24, 2015; they submitted a proposal for Insight Garden Program expansion to SPP-WA facilities in July, 2015
- As a part of an event called Congress to Campus, SPP staff at Evergreen met with former members of the U.S. House of Representatives—David Skaggs (D-CO, 1987-1999) and Peter Smith (R-VT, 1989-1991)

### Accomplishments, Products, and Publications

- Worked with web designer to re-create online website dedicated to the SPP Network (<http://network.sustainabilityinprisons.org>), and including private, professional networking forums; work nearly complete at the close of the fiscal year
- Published paper co-authored by SPP-WA and SPP-OR in the *Natural Areas Journal* (see *Formal Publications*, p. 38)
- Partnered with SPP-Oregon partners from Institute of Applied Ecology to develop and initiate a conservation nursery at Coyote Ridge Corrections Center growing native sagebrush for habitat restoration on central Washington BLM property
- Completed final check in with all active Network teams, October, 2014 and disseminated summary report
- Developed and finalized Sustainable Practices Policy governing all four SPP program areas for WDOC statewide; shared policy with Network partners to aid their policy development



## Presentations and Events

- Presented on SPP educational programs at Higher Education in Prison symposium in Champagne, Illinois, October 9-11, 2014
- Participated in Criminal Justice Professionals and the Public Research Exchange at the invitation of the Kettering Foundation, Dayton, OH, May 21-22, 2015

## 10. Dissemination

### Presentations and Events

In FY15, SPP staff presented at a variety of venues to highlight specific programs or represent SPP as a whole. In addition, we attended numerous events at which we made informal or brief presentation representing the organization; examples include tabling at Prairie Appreciation Day, Green Day at WDOC Headquarters, and two Roots of Success graduation celebrations. A summary of presentations is given in Table 20.

**Table 20.** SPP Presentations FY15

Date	Presenter	Title	Venue	Focus areas
8/5/14	Carl Elliott, Joslyn Trivett, Bri Morningred	Participants	Bring Your Kid to Work Day, WCCW	Gardens, conservation nursery, Prison Pet Partnership
8/7/14	Tiffany Webb	Environmental education in prison: A comparison of teaching methods and their influence on inmate attitudes and knowledge of environmental topics	Just Sustainability, Hope for the Commons Conference, Seattle, WA	Science Education in Prisons
8/14/14	Jaal Mann	Prairie fire as a selective agent: Second-generation responses and plant community shifts	Ecological Society of America (ESA), Sacramento, CA	Conservation and Science Programs
8/14/14	Carri LeRoy	Linking Restoration and Incarceration: The Sustainability in Prisons Project	ESA	Conservation and Science Programs
10/9	Carl Elliott	Creating Bridges to Knowledge: Training incarcerated men and women in ecological restoration	2014 Joint Regional Conference; Society for Ecological Restoration; Northwest and Great Basin Chapters	Education Contributed Session - Training and education lessons learned from the SPP conservation nursery
10/10/14	Joslyn Trivett	Environmental Education in Prisons: Exploitation or Empowerment?	Higher Education in Prisons Symposium, hosted by Education Justice Project in Champaign, IL	Social Justice & Education

10/27/14	Lindsey Hamilton and Tiffany Webb	SPP Essential Components	AASHE Conference 2014 Poster Session	Essential components of SPP Programming
10/28/14	Tiffany Webb and Lindsey Hamilton	Student Perspectives: Connecting Higher Education and Sustainable Practices in Prisons	AASHE Conference 2014 Poster Session	Community connection, environmental/social justice/improving inmate experience, learning outside of the classroom
11/21/14	Tiffany Webb and Christina Stalnaker	Participants	Roots of Success Graduation at SCCC	
11/25/14	Joslyn Trivett and Christina Stalnaker	SPP Virtual Tour	Roots of Success Graduation at CRCC	WA Programs
12/4/14	Joslyn Trivett	The Sustainability in Prisons Project in Washington State	Associate Superintendents of WDOC	WA Programs
1/13/15	Tiffany Webb, Bri Morningred, Sadie Gilliom, Lindsey Hamilton	SPP Virtual Tour	Science and Sustainability Lecture Series , WCCW	SPP's model, programming, opportunities; plus, program specifics from the butterfly, turtle, frog, and plant conservation programs.
1/31/15	Joslyn Trivett & Eric Heinitz	SPP Overview & Project Planning	Sustainable Decision Making, Evergreen MPA program	WA Programs and planning for future projects in WDOC
2/19/15	Joslyn Trivett	SPP In-prison Outreach	Superintendent's Meeting	SPP outreach materials for staff and offenders
4/14/15	Dan Pacholke	Sustainability in Prisons Project: Sustainable Operations	Biocycle Conference Portland, OR	SPP Overview and Sustainable Operations
4/22/15	Carri LeRoy and Steve Sinclair	SPP Statewide Overview	SPP Summit Conference	SPP Overview
4/22/15	Steve Sinclair	SPP Branding	SPP Summit Conference	SPP umbrella; benefits of SPP association
4/23/15	Kelli Bush	Partnerships	SPP Summit Conference	SPP built on partnerships; how to find and be a partner
4/22/15	Steve Sinclair and Julie Vanneste	WDOC Sustainable Practice Policy	SPP Summit Conference	New statewide policy overview; Q&A
4/23/15	Joslyn Trivett and Dorothy Trainer	Action Planning	SPP Summit Conference	Action planning process; case study at CRCC
4/23/15	Steve Sinclair and Carri LeRoy	Statewide Planning and Dreaming	SPP Summit Conference	SPP Future
5/7/15	Kelli Bush	SPP Overview and Careers in Arboriculture	Cedar Creek Corrections Center	SPP Overview and Careers in Arboriculture
5/19/15	Bri Morningred	Water Quality Analysis of Three Different Rearing Environments for <i>Rana pretiosa</i>	MES Thesis Presentation, Evergreen	Thesis Research on OSF rearing

6/11/15	Kelli Bush	The Sustainability in Prisons Project: Shifting Public Perceptions of Incarceration through Science and Sustainability Initiatives	Conference on Communication and the Environment Boulder, CO	WA programs and changing perceptions of prisons
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## SPP Tours

SPP staff from Evergreen, WDOC, and at each facility regularly host visitors who want to see SPP programs. A summary of tours in FY15 is given in Table 21.

**Table 21.** SPP Tours FY15

Date	Location	Visitors	Program areas	Focus areas	Hosts
Sept 11, 2014	CCCC	President's office, Evergreen	All sustainability programs	Building partnership with Evergreen	Kelli Bush
Sept 18, 2014	MCC	Warden Buchanan, Ohio Director of Reentry Hinton, MD	Vermicomposting and vermiculture program; IMU	Peer to Peer mentoring: worm programs and IMU classroom	Joslyn Trivett, Kelli Bush, Fiona Edwards
Sept 18, 2014	CCCC and Shotwell's and prairie	Chris Swan, U of MD Baltimore County		Conservation nursery protocols and working with inmate crews	Carl Elliott
Sept 19, 2014	SCCC	Warden Buchanan, Ohio Director of Reentry Hinton, MD Graham Golbluff, UW graduate student in Landscape Architecture	All sustainability programs	Peer to Peer mentoring: particularly Roots of Success and dog programs	Pat Glebe, Joslyn Trivett, Kelli Bush
March 6, 2015	CCCC	Matt Strickland, Ken Scrivner, Scott Morgan, Jacquie Armstrong, Kevin Bowen	Turtle Program	Alternative energy for Turtle Shed	Sadie Gilliom
March 11, 2015	CCCC	Pierce College, Doug Cole, and "Mack"	Turtle Program	Internship Opportunities	Sadie Gilliom
March 12, 2015	CCCC	Daniel Cherniske and Rhianna Hruska	Aquaponics and Turtles	Aquaponics	Sadie Gilliom, Julie Vanneste and Kelli Bush
March 19, 2015	CCCC	Sarah Bexell and Kevin Morris	Turtle Program	Study on human- and animal connection	Sadie Gilliom, Kelli Bush, and Julie Vanneste
March 20, 2015	MCCCW	Sarah Bexell and Kevin Morris	Taylor's checkerspot butterfly program	Study on human- and animal connection	Kelli Bush, Joslyn Trivett, Jody Becker-Green
March 20, 2015	WCCW	Sarah Bexell and Kevin Morris	Conservation nursery	Study on human- and animal connection	Kelli Bush, Joslyn Trivett, Jody Becker-Green
April 9, 2015	CCCC	CISM Team & Jordan, DOC	Sustainability Programs		Sadie Gilliom

April 15, 2015	MCC	Seattle Tilth: Rebecca Fong, Justin Maltry, and Chris Hoffer	Vermicomposting and vermiculture program	Worm Program	Sadie Gilliom, Joslyn Trivett, Andrew Garber, Michele Williams
April 30, 2015	CCCC	Gina Sibley, Pierce College Students, Mr. and Mrs. Turull	Turtle Program	Facility tour for Internship Opportunities	Sadie Gilliom
May 8, 2015	CCCC	Atsuko Otsuka, Supt, Cole, and Gina Sibley	Sustainability programs		Kelli Bush
May 18, 2015	CCCC	DOC: CORE	Training	Training	Sadie Gilliom
April 24, 2015	CCCC	Beth Waitkus and William Hodgman, Insight Garden Program	Sustainability programs		Kelli Bush
April 24, 2015	SCCC	Beth Waitkus and William Hodgman, Insight Garden Program	Sustainability programs	Gardens	Joslyn Trivett
June 5, 2015	CCCC	Mr. Hines, Mr. Hettinger, and Ms. Sibley	Turtle Program	Turtle Program for Larch	Sadie Gilliom
June 23, 2015	CCCC	Northwest Trek: 2 Trek interns, Dr. Allison, and Ms. Sibley	Frog Program	Frog Program	Sadie Gilliom

## SPP Products, Publications, and Internships

### Self-Published

In FY15, we updated SPP's primary outreach materials: our one-page overviews. With this printing, we expanded our one-pager topics to represent all four program areas:

1. SPP Overview
2. SPP Essential Components/SPP Network
3. SPP Conservation Programs
4. SPP Education Programs
5. SPP Sustainable Operations Programs
6. SPP Community Contributions Programs

For the first time, we created and disseminated one-pagers listing SPP programs active at each facility. These have helped to raise awareness and interest for staff and inmates.

We published Summer 2014 and Winter 2015 Newsletters on schedule, and distributed widely via myemma, email, website, and print.

### Formal Publications

SPP publications for FY15 are summarized below; items that were in review during the last fiscal year and published since are included.

- Kaye, T.N., K.B. Bush, C. Naugle, and C.J. LeRoy. Conservation projects in prison: The case for engaging incarcerated populations in conservation and science. *Natural Areas Journal*. Volume 35 (1).
- Weber, S., M. Hayes, T. Webb, and C.J. LeRoy. Environmental education in prison: A comparison of teaching methods and their influence on inmate attitudes and knowledge of environmental topics. *Interdisciplinary Environmental Review*. Summer 2015.



- Trivett, J.R., K. Bush, J. Vanneste, D.J. Pacholke, and C.J. LeRoy. Sustainability in Prisons Project, United States. In: *Innovative Justice*. **University of Tasmania**. (ISBN-13: 978-0415643504).
- Aubrey, D., M. Linders, C. Landa, L. Mullen, and C.J. LeRoy. Oviposition preference of endangered Taylor's checkerspot butterflies (*Euphydryas editha taylori*) among both native and non-native larval hosts. **Northwest Science ( Still in review)**.
- Bush KMB, Vanneste J, Pacholke D, Trivett JR, Sinclair S, Heinitz E. 2015. Department of Corrections Walks the Walk on Sustainability. *Biocycle* 56(8):65-68

## Internships

In FY15, SPP staff supervised three academic internships that also benefitted SPP programs:

- Summer quarter 2014 – Field supervision of under-graduate internship on establishing best practices and certification for beekeeping at Cedar Creek Corrections Center.
- Spring quarter 2015 – Field supervision for Evergreen MES internship, environmental and social justice focus areas
- Spring quarter 2015 – Field supervision for Evergreen undergraduate internship with media and education focus areas
- Winter and Spring 2015- Field supervision for Evergreen undergraduate internships with aquaponics focus areas

## Students

Formally and informally, we continue to support and work with numerous additional students, graduates and undergraduates, from Evergreen, many other academic institutions, and internationally. Examples from the past year include:

- We worked extensively with Graham Golbuff, a Master of Landscape Architecture from University of Washington, to develop a landscaping guide to aid WA DOC inmates in development and proposal of in-prison projects.
- We provided interviews and answered questions for students studying SPP including from a student in Korea entering an SPP storyboard into a contest
- We hosted Hannah Rogers, graduate student at University of Central Missouri, studying behavioral implications of inmate participation in a cognitive-behavioral focused environmentally sustainable waste management program guided by participatory learning within a medium-security correctional institution in Missouri
- We supplied detailed program information to George Mason University graduate students doing a project on SPP

In FY16, we have begun systematic tracking for student contacts, so that we may better quantify and describe these efforts, and request a copy of resulting student products.

## Media Coverage

In FY15, SPP-WA was featured in more than 20 stories from local, regional, and international media outlets. The table below includes all of the pieces staff tracked during FY15. Links for each of the pieces are available on SPP's website at <http://sustainabilityinprisons.org/>

**Table 22. SPP Media FY15**

Date	Paper/Source	Author	Title
7/1/2014	National Correctional Industries Association: Green Edition	Joslyn Rose Trivett	Correctional Industries' Dedication to Roots of Success
7/2/2014	Multnomah County website		Office of Sustainability and Sheriff's Office Collaborate on Regional Sustainability in Prisons Conference
7/23/2014	Mother Nature Network	Sidney Stevens	A (greener) life behind bars
8/1/2014	The White House Rural Council		Sentinel Landscapes: Where Conservation, Working Lands, and National Defense Interests Converge
9/9/2014	Everett Herald	Amy Nile	Monroe prison's worm composting program a national model
9/10/2014	The Argus Observer	Zachary Chastaine	Inmates earn certificates for efforts
10/1/2014	Correctional News		Vermont Prison Becomes a Sustainability Leader
10/3/2014	The Salt Lake Tribune	Mike Gorrell	Utah inmates to get unique chance at public service
11/20/2014	TIME	TIME Staff	The 25 Best Innovations of 2014: The Prison Room that Helps Inmates Relax
11/25/2014	NW News Network	Tom Banse	Prison Inmates Enlisted to Grow Threatened Plants
11/30/2014	Union-Bulletin.com	Andy Porter	Prison Program Helps inmates practice sustainability
12/10/2014	The Salt Lake Tribune	Annie Knox	Inmates as conservationists? It could happen, University of Utah professor says
12/12/2014	NPR - Northwest News Network	Tom Banse	Prison Inmates Enlisted To Rear Threatened Plants And Animals
12/12/2014	Voices of America	Tom Banse	Prison Inmates Enlisted To Rear Threatened Plants And Animals
1/18/2015	The Columbian	Tom Vogt	On the Wings of a Monarch
3/12/2015	National Science Foundation	Lily Whiteman	Canopy researcher goes out on a (tree) limb to promote public understanding of science
3/12/2015	Take Part	Nancy Averett	Prisoners Find Purpose Behind Bars: Saving Salamanders, Butterflies, and Frogs

4/14/2015	Evergreen News		Sustainability in Prisons Project Summit Welcomes Statewide Corrections Staff to Evergreen April 22-23
5/1/2015	Science	Carri LeRoy	Bringing Science Inside Prison Walls
5/27/2015	The Washington Post	Michael S Rosenwald	A growing experience: Prison gardens transform inmates who tend to them
6/25/2015	The Huffington Post		#Whatsworking: Prison Gardening Programs

## Website/Social Media

During the reporting period, we created 31 new blogs authored by SPP staff and Graduate Research Assistants, and adapted from submissions by WDOC staff and inmate program participants; see <http://sustainabilityinprisons.org/blog-galleries/blog/>.

We maintained and updated site pages—more than 90 of them—to represent current programming and practices (e.g., <http://sustainabilityinprisons.org/what-we-do/spp-programs-in-washington-state-prisons/> and <http://sustainabilityinprisons.org/about/>) and maintained our video (<http://sustainabilityinprisons.org/blog-galleries/stories/>) and press libraries (<http://sustainabilityinprisons.org/press/>).

According to google analytics, the site had 47,301 page views during the reporting period, average time spent per page was 1 minute, 58 seconds, and an average of 2.06 pages per visit. More than 75% of the visitors were new versus returning visitors. The huge majority of users were from the United States, followed by Brazil, Canada, the UK, and Australia. The seven most popular pages were:

1. / (homepage): 20% of pageviews
2. /what-we-do/spp-programs-in-washington-state-prisons: 4%
3. /what-we-do/: 4%
4. /blog/2015/04/30/beds-for-violets-at-washington-corrections-center-building-spps-newest-conservation-nursery//about/: 3%
5. /about/: 3%
6. /resources/: 3%
7. /about/Washington-department-of-corrections-wdoc/: 2%

Since the homepage is by far the most popular page of the website, we simplified its layout, and added a sign up form for SPP's newsletter; the sign up form has steadily brought in an average of new contacts each week.

SPP's main outlet for social media continues to be Facebook ([www.facebook.com/sustainableprisons](http://www.facebook.com/sustainableprisons)). During the reporting year, we posted ~150 items on a wide variety of topics, and our Likes increased from 861 to 1,108. The posts that attracted the most attention were:

1. March 19, 2015 hand-written testimonials from Ridge Dogs Program – 1.7K
2. November 13, 2014 beekeeping certification with Olympia Beekeepers Assn at CCCC – 1.4 K
3. May 4, 2015 panoramic photo of dog mural at CCCC – 1.3 K

4. May 11, 2015 blog on new turtle and frog technicians at CCCC – 1 K
5. February 3, 2015 photos of opossum at West Sound Wildlife Shelter lecture at WCCW – 1K
6. December 29, 2015 *Daily World* story on bike program at SCCC – 1 K
7. December 11, 2014 photos from Roots of Success graduation at CRCC – 952
8. June 11, 2015 *Washington Post* story on prison gardens, MD, CA, and WA; re-post from Insight Garden Program's page – 911
9. August 19, 2014 blog on WCCW one of first prisons to be Certified Wildlife Habitat site – 865

From both measures of popularity, and consistent with our outreach efforts, it appears that public interest in SPP has extended from our conservation programs to more broadly embrace all program areas.

### Awards

SPP was invited to apply for the Innovative Government Award to Harvard Kennedy School, and was a Semi-finalist for that award.



*Inmates working in the kitchen at SCCC divert food waste from the landfill, sending it to the composting facility instead. Photo by Ricky Johnson.*

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## Appendix 1. SPP Programs in Washington State Prisons FY15

Major program areas and highlights indicated; program partners indicated where that information is available. Several additional programs were in development during the reporting period, and most of those are not indicated here.

### Airway Height Corrections Center

- [Roots of Success](#), environmental literacy course
- Gardens: 60-70 inmate gardeners, 34,000 lbs. grown for the kitchen in 2013
- [Pawsitive dog training – prison program](#): dog training and adoption, partnering with [Diamonds in the Ruff](#) and [SpokAnimal](#)
- Waste sorting and recycling
- Workshops
- Master Gardening classes
- Food waste composting (shipped offsite to commercial composter); developing a bark composting program
- [Firewood donation program](#) – partnering with [SNAP Spokane](#); cut and delivered 303 cords of wood to low income and senior citizens last cold season (2012-2013); on track to donate 800 cords this cold season
- [LEED Silver](#) certification for two buildings
- Nature imagery in maximum security mental health area
- Computer refurbishing: fixing up donated computers and giving to schools

### Cedar Creek Corrections Center

- [Beekeeping](#): bee colony collapse research, honey collection, manufacturing lotion and lip balms from beeswax; [beekeeping certification](#) class for staff and inmates
- [Large-scale, in-vessel composting](#); inmate's [story](#) on composting
- Vermicomposting
- Endangered species conservation programs: [Oregon spotted frog rearing](#) and [Western pond turtle rehabilitation](#), partnerships with [Washington Department of Fish and Wildlife](#), [Joint Base Lewis-McChord](#), [Oregon Zoo](#), [Woodland Park Zoo](#), [Northwest Trek](#), [Point Defiance Zoo and Aquarium](#), and [PAWS](#)
- [Prairie restoration crew](#), partnership with [Center for Natural Lands Management](#), [Joint Base Lewis-McChord](#), [Washington Department of Natural Resources](#), [Washington Department of Fish and Wildlife](#), [U.S. Fish and Wildlife Service](#), [Oregon Zoo](#), [Pacific Rim Institute for Environmental Stewardship](#), [Whidbey-Camano Land Trust](#), [Friends of Puget Prairies](#), [Wolf Haven International](#), and City of Steilacoom
- [Gardens](#)
- Horticulture program with vocational college credits, partnership with [Centralia College](#)
- Pet program: [dog training for veterans](#), [dog training and adoption](#), partnership with [Brigadoon Service Dogs](#)
- Waste sorting and recycling
- Tilapia and aquaponics
- Water reduction and catchment



- [LEED](#) certified Perimeter Control Office, new construction
- [Workshops](#)
- Woodshop projects with reclaimed wood, partnership with [DNR Urban & Community Forestry Program](#)

## Clallam Bay Corrections Center

- [Gardens](#): growing for the prison kitchen
- Dog training and adoption, partnership with [Welfare for Animals Guild](#) (WAG!)
- Composting: [developing in-vessel system on site](#)
- Waste sorting and recycling
- [Roots of Success](#), environmental literacy course
- Developing waste water heat recapture program, partnership with the [Center for Sustainable Infrastructure](#)
- Green Building and Carpentry, partnership with [Peninsula College](#)

## Coyote Ridge Corrections Center

- Gardens
- [Dog training and adoption](#): [Ridge Dogs](#), partnership with Benton Franklin Humane Society, Adams County Pet Rescue and Forgotten Dogs Rescue; new [kitten](#) program!
- Food waste composting (shipped offsite to commercial composter; large-scale in vessel system in development)
- [Waste sorting and recycling](#)
- [LEED Gold certified campus](#)
- Craft (teddy bear) donations, made from salvaged materials
- [Roots of Success](#), environmental literacy course (full *and* condensed curricula)
- [Conservation nursery](#) for native sagebrush, partnership with the [Bureau of Land Management](#) the [Washington Native Plant Society](#), [Institute for Applied Ecology](#), and [Washington State University Tri-Cities](#)

## Larch Corrections Center

- Gardens
- [Food bank crop donations](#), partnership with Clark County Food Bank
- Wood Craft donations, from donated and salvaged wood
- Larch Cat Adoption Program, partnership with [West Columbia Gorge Humane Society](#) and [Humane Society for Southwest Washington](#)
- Large-scale, in-vessel composting
- Waste sorting and recycling
- [House plants in living units](#), in cells and in dorm windows – pilot program
- First Washington State prison to eliminate trash can liners
- Waste reduction led by kitchen staff

- Endangered species conservation programs: Western pond turtle rehabilitation, partnership with [Oregon Zoo](#), [Washington Department of Fish and Wildlife](#), and [Clark College](#) (still being developed)

## Mission Creek Corrections Center for Women

- Endangered species conservation program: [Taylor's checkerspot butterfly rearing and release](#), partnership with [U.S. Fish and Wildlife Service](#), [Washington Department of Fish and Wildlife](#), [Joint Base Lewis-McChord](#), and the [Oregon Zoo](#)
- Gardens
- Small-scale composting
- Waste sorting and recycling
- Water use reduction and water catchment
- Workshops
- [Project Feeder Watch](#): bird identification and data collection
- [LEED](#) Silver Certified living unit, new construction
- Salmon habitat restoration, partnership with [Hood Canal Salmon Enhancement Group](#)



*MCC worm composting program was initiated by an inmate, and now attracts attention from many organizations statewide and internationally. Photo by Joslyn Rose Trivett.*

## Monroe Correctional Complex

- [Vermiculture and vermicomposting](#), partnership with City of Monroe
- Gardens
- Greenhouses
- Horticulture program with vocational college credits, partnership with Edmonds Community College
- Pet program: dog program in partnership with [Summit Assistance Dogs](#); [cat training](#) and adoption in partnership with [Purrfect Pals](#)
- Composting
- Waste sorting and recycling: large-scale with pick-line
- Recycling and repurposing wood, donations to Monroe Senior Center
- Water use reduction and water catchment
- Workshops

- [Bicycle repair](#), partnership with Snohomish County Sheriff's Office
- Medical equipment refurbishment
- [LEED](#)-Certified Buildings: three buildings are rated gold or silver

## Olympic Corrections Center

- Gardens
- Horticulture program, partnership with Peninsula College
- Pet program: dog training and adoption, partnership with [Olympic Peninsula Humane Society](#)
- Large-scale, in-vessel composting (including waste from Clallam Bay Corrections Center)
- Waste sorting and recycling
- Green Building and Carpentry, partnership with [Peninsula College](#)
- Wood recycling and repurposing, partnership with Westport Shipyard and donations benefiting Quillayute Valley School District
- Water use reduction and water catchment
- Ponds for every living unit!

## Stafford Creek Corrections Center

- [Beekeeping](#)
- [Birdhouses](#)
- [Large-scale, in-vessel composting](#)
- SPP's first Conservation nursery for rare and endangered [prairie plants](#), partnership with [Center for Natural Lands Management](#), [Joint Base Lewis-McChord](#), [Washington Department of Natural Resources](#), [Washington Department of Fish and Wildlife](#), [U.S. Fish and Wildlife Service](#), [Oregon Zoo](#), [Pacific Rim Institute for Environmental Stewardship](#), [Whidbey-Camano Land Trust](#), [Friends of Puget Prairies](#), and [Wolf Haven International](#)
- [Gardens](#)
- Greenhouses
- Pet programs: [Freedom Tails](#), partnership with Harbor Association of Volunteers for Animals (HAVA); and dog training for veterans, partnership with [Brigadoon Service Dogs](#)
- Waste sorting and recycling: large-scale with pick-line
- [Tilapia](#) – approximately 60,000 fish in 22 tanks, harvested at regular intervals for in-prison menu, partnership with [Correctional Industries](#)
- Water use reduction and water catchment
- Bicycle repair, partnership with local Lions Club
- [Science and Sustainability lecture series](#)
- [Medical equipment refurbishment](#), partnership with [Joni and Friends: Wheels for the World](#)
- [Roots of Success](#), environmental literacy course

## Washington Corrections Center

- [Large-scale, in-vessel composting](#)
- Extensive gardens

- Food bank crop donations, partnerships with Thurston County Food Bank, The Saint's Pantry Food Bank, The City Reach Food Bank, and The Shelton Community Kitchen
- Waste sorting and recycling
- House plants in nearly every common area
- Shoe and clothing re-purposing and recycling, partnership with [Correctional Industries](#)
- [Conservation nursery](#) for seed production of rare and endangered prairie plants and horticultural program, partnership with [Centralia College](#), [Center for Natural Lands Management](#), and [Joint Base Lewis-McChord](#)
- Horticulture program, partnership with Centralia College
- Roots of Success, environmental literacy course (condensed curriculum)

## Washington Corrections Center for Women

- [Conservation nursery](#) for rare and endangered prairie plants, partnership with [Center for Natural Lands Management](#), [Joint Base Lewis-McChord](#), [Washington Department of Natural Resources](#), [Washington Department of Fish and Wildlife](#), [U.S. Fish and Wildlife Service](#), [Oregon Zoo](#), [Pacific Rim Institute for Environmental Stewardship](#), [Whidbey-Camano Land Trust](#), [Friends of Puget Prairies](#), and [Wolf Haven International](#)
- [Gardens](#) – partnership with [WSU Extension](#), Pierce County
- Horticulture program with vocational college credits, partnership with [Tacoma Community College](#)
- [Pet Program](#): [Prison Pet Partnership](#)
- Beekeeping, including certification process, partnership with [Mother Earth Farm](#)
- Chickens!
- Large-scale, in-vessel composting
- Waste sorting and recycling
- [Science and Sustainability lecture series](#)

## Washington State Penitentiary

- Rare species conservation program: Pacific Northwest [Monarch butterfly captive rearing, release, and tracking](#), partnership with [Washington State University Department of Entomology](#)
- Gardens
- Rental garden boxes (for inmates' personal use)
- Bee keeping
- Pet Program: [dog training and adoption](#) and [cat training and adoption](#) (Kittens in the Klink), both in partnership with the [Blue Mountain Humane Society](#)
- Waste sorting and recycling: large-scale with pick-line
- Hazardous waste reduction by 95%
- [Sustainable Practices Lab](#): furniture repair, vermicomposting, bicycle and medical equipment refurbishment, fabric and wood re-use, cultural crafts, quilt and teddy bear creations, and sign shop
- [Roots of Success](#), environmental literacy course
- [TED](#) talk videos on closed circuit television

~131 programs

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## Appendix 2. SPP Programs Partners in Washington State Prisons FY15

See Appendix 1 for specific program involvement. Most program partners for programs in development but not implementing during the year are not included.

- Adams County Pet Rescue
- Benton Franklin Humane Society
- [Blue Mountain Humane Society](#)
- [Brigadoon Service Dogs](#)
- [Bureau of Land Management](#)
- [Center for Natural Lands Management](#)
- [Center for Sustainable Infrastructure](#)
- [Centralia College](#)
- City of Monroe
- City of Steilacoom
- [Clark College](#)
- Clark County Food Bank
- [Correctional Industries](#)
- [Diamonds in the Ruff](#)
- [DNR Urban & Community Forestry Program](#)
- [Edmonds Community College](#)
- [Fircrest Residential Habilitation Center](#)
- Forgotten Dogs Rescue
- [Friends of Puget Prairies](#)
- Harbor Association of Volunteers for Animals (HAVA)
- [Hood Canal Salmon Enhancement Group](#)
- [Humane Society for Southwest Washington](#)
- Institute for Human-Animal Connection, University of Denver
- [Joint Base Lewis-McChord](#)
- [Joni and Friends: Wheels for the World](#)
- US Green Building Council
- Lions Clubs
- Master Gardeners at AHCC
- Monroe Senior Center
- [Mother Earth Farm](#)
- [Northwest Trek](#)
- Olympia Beekeepers Association
- [Olympic Peninsula Humane Society](#)
- [Oregon Zoo](#)
- [Pacific Rim Institute for Environmental Stewardship](#)
- PAWS
- [Peninsula College](#)
- [Point Defiance Zoo and Aquarium](#)
- [Prison Pet Partnership](#)
- [Purrfect Pals](#)



- Quillayute Valley School District
- [Roots of Success](#)
- [Second Harvest Food Bank](#)
- [SNAP Spokane](#)
- Snohomish County Sheriff's Office
- [SpokAnimal](#)
- [Summit Assistance Dogs](#)
- [Tacoma Community College](#)
- The Davenport Hotel
- [U.S. Fish and Wildlife Service](#)
- University of Utah
- Walla Walla area nonprofits
- [Washington Department of Fish and Wildlife](#)
- [Washington Department of Natural Resources](#)
- [Washington Native Plant Society](#)
- [Washington State University Department of Entomology](#)
- [Welfare for Animals Guild](#) (WAG!)
- [West Columbia Gorge Humane Society](#)
- Westport Shipyard
- [Whidbey-Camano Land Trust](#)
- [Wolf Haven International](#)
- [Woodland Park Zoo](#)
- [WSU Extension](#), Pierce County

~63 organizations



*Several program partners sat on the Community Contributions Panel at SPP's Statewide Summit. Photo by Joslyn Rose Trivett.*