

Sustainability in Prisons Project

2021 Annual Report



SPP Conservation Nursery Coordinator Savannah Richard and a Conservation Nursery Technician sieve soil for WCCW's plant nursery. WCCW's program delivered more than 44,000 plant plugs for Taylor's Checkerspot Butterfly recovery. Photo by Carl Elliott.



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Sustainability in Prisons Project

2021 Annual Report

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Executive Summary: Sustainability in Prisons Project

January 2021 – December 2021

[Sustainability in Prisons Project](#) (SPP) was co-founded by [Washington Department of Corrections](#) (WA Corrections) and [The Evergreen State College](#) (Evergreen) in 2003 and has grown to include many partners. Our mission is to empower sustainable change by bringing nature, science, and environmental education into prisons. The SPP annual report aims to describe all science, environmental education, and sustainability programs occurring in Washington prisons and to acknowledge all contributing organizations and partners.

While our ability to safely navigate the COVID-19 pandemic and health and safety processes has improved, it was challenging to connect with participants and partners, and report on our collaborative work over the past year. During this reporting period, we have also experienced tremendous support for these programs from incarcerated people, corrections staff, and collaborators. Health and safety remain our top priority. The programs we continued relied on interactions that were masked, socially distant, primarily outside, or in well-ventilated areas. Unfortunately, those programs which rely on gathering people in larger groups are still suspended. Continuing programs were periodically impacted by quarantines aimed at reducing the spread of COVID. As a result, there were often stretches of time when SPP staff and partners could not directly deliver education and training.

Despite on-going challenges, the year was also marked by significant successes, frequent adaptation, and resilience. We were able to restart or plan the restart of several programs during this year. We also developed several new programs and significantly expanded educational resources. Given partner capacity constraints, we suspect some programs and partnerships are not recognized in this report.



Conservation Nursery Manager, Carl Elliott, leads an education workshop on the geology of south Salish prairies for technicians at WCCW. Photo by Savannah Richard.

With the information we were able to collect from available partners, we can report on **141 science, sustainability, and nature programs** in Washington prisons and **181 SPP partner and ally organizations statewide**. We are grateful for the patience, problem-solving, and adaptability of all partners. Posted below are highlights on select programs and partnerships in 2021, plus goals for the 2022 calendar year.

Highlights 2021

Academic Credit for SPP Education Portfolios: The SPP-Evergreen team worked with Evergreen's academic leadership to develop a new education portfolio model. The new SPP Education Portfolios build on previous program certificates and allow Evergreen to grant academic credit for completed



Sustainability program highlights at Stafford Creek Corrections Center. Photo by Sarah Larson.

education portfolios at a reduced fee. These transferable credits will be granted during incarceration.

Foundations in Composting Course: SPP-Evergreen received funding from a generous donor to develop a new, peer-led composting education course. SPP staff, incarcerated educators, corrections staff, composting experts, academic researchers, and environmental education partners developed course chapters. The new curriculum will be available for use in multiple states in summer 2022.

New Sagebrush Education and Training Program: Washington Department of Fish and Wildlife secured funding through the Washington State Legislature for wildfire recovery. SPP will receive a small portion of funds to develop a new Sagebrush Education and Training program, seed orchard, and nursery. SPP-Evergreen staff began developing education materials and operated a small pilot program in 2021.

Developing Education Module Resources: SPP created resources to support education module development. Education modules are easily available, short lessons on various science, sustainability,

and supporting topics. With these new development resources, we have provided guidance for experts to create lessons on a variety of topics including climate change, wetlands, general ecology, and more.

Restarting Western Pond Turtle Program: WA Corrections and Evergreen worked with partners to restart the Western Pond Turtle program at Cedar Creek Corrections Center. WA Corrections staff identified a new location and remodeled a building to accommodate the program. SPP staff revised program procedures and developed new education resources. Turtles arrive in early in 2022.

Zero Emissions Vehicles: WA Corrections supported Coyote Ridge, Airway Heights, and Washington Corrections Centers to purchase 11 zero emissions vehicles (ZEVs) for use in perimeter patrols. ZEVs will yield reduced emissions, fossil fuel use, and expense as these perimeter patrol vehicles operate continuously.

Improving Access to Garden Produce: SPP-Evergreen graduate student staff and volunteers researched and interviewed programs across the country to identify methods to improve incarcerated peoples' access to fresh produce in prisons. With WA Corrections support, the SPP team developed a three-phase action plan to identify and address current barriers in WA prisons for implementation in 2022.

Data and Analytics Tool: WA Corrections deployed Asset Planner to all major facilities. With this new data and analytics tool, WA Corrections can track facility conditions, energy, and sustainability data, building renewal projects, and maintenance to improve living conditions and sustainability.

Foundations in Gardening and High School Plus: SPP launched Foundations in Gardening course summer 2020. In 2021, innovative staff at Clark College and Larch Corrections Center partnered to offer the course to incarcerated students to earn high school credit through the High School Plus program.

Expanding Evergreen Education for Currently and Previously Incarcerated Students: SPP-Evergreen staff worked with college leadership, faculty, and staff to develop a funding proposal for the legislature. The request increases access to Evergreen education in prisons. Funding will allow SPP to expand our new credit-bearing education portfolio model and offer more science and sustainability education.

Table 1. Anticipated Program Highlights, 2022

Program/Project	Partners and facility	Planned outcomes
Additional Education Modules	All facilities	Working with Evergreen faculty to develop modules on professional development & climate change
Garden to Kitchen Collaboration	All facilities, incarcerated students, corrections staff, garden and kitchen experts, SPP-Evergreen	Deploy report request & use information to identify successes & barriers; deliver educational webinars for gardeners & kitchen managers to generate ideas for improvements
Peer-Led Composting Course	All facilities, incarcerated students, staff sponsors and experts	Complete development of new peer-led composting course; work w/partners to implement program in WA & NV prisons
Develop Credit-Bearing Education Portfolios for Select Programs	All facilities	Using the new approved model, complete education portfolio development, implementation & course credit review

Expanding Evergreen Education in Prisons	6 WA prisons and youth detention facilities	Add staff to expand science & sustainability education; collaborate w/Evergreen & other education orgs to improve education services
Sagebrush Education & Training	WA State Penitentiary (WSP)	Work w/WSP staff & natural resource orgs to develop the new sagebrush education & training program
Connecting SPP Education & Training and Post-Release Employment	WA Corrections HQ, all facilities, state agencies & conservation organizations	Building on work w/WA Dept. of Transportation & WA Corrections, identify connections between in-prison education & post-release employment; develop identified support resources to ensure success

Conclusion

Thank you to everyone who has contributed to SPP over this past year and beyond. Your support, continued investment, and dedication to this work are deeply appreciated. We make productive use of all resources we are provided to benefit all participants and partners. Our collaborations among incarcerated people, corrections staff, scientists, students, agencies, and organizations are impactful and innovative. We remain committed to learning, adapting, and continuing to improve our work while fostering a culture of mutual respect and consistent compassion for all people. Together we are supporting empowering education and positive change for people, communities, and ecosystems.



Butterfly mural at Mission Creek Corrections Center for Women, painted by a previously incarcerated butterfly technician. Photo by Kelli Bush.

1. Background Information

This report provides information on [Sustainability in Prisons Project](#) (SPP) activities from January – December 2021. [Washington Department of Corrections](#) (WA Corrections) considers all science, sustainability, and nature initiatives in Washington (WA) prisons to be part of the SPP partnership regardless of which partner(s) leads and operates the program. Sustainability in Prisons Project staff at The Evergreen State College lead the reporting effort for the partnership. The primary objective of this document is to update all collaborators and stakeholders on statewide programs and activities. This report represents the most complete information available with current reporting mechanisms.

Scientists, incarcerated people, students, prison staff, and community partners in all 12 Washington prisons work together to make positive contributions to people and the environment. During this reporting period, partners reported **141 programs and 181 partner organizations**. Working lists of all SPP-WA programs ([Appendix 1](#)) and partners ([Appendix 2](#)) are included to recognize the impressive diversity and number of opportunities offered. [Appendix 3](#) lists common abbreviations.

Acknowledgements

Incarcerated people are at the center of SPP programs. Their day-to-day input, work, leadership, planning, teamwork, and dedication are critical to program success. SPP programs aim to provide them with positive benefits including academic credit, professional development, job training, and educational certificates. Incarcerated and previously incarcerated people advise SPP and provide their input in program planning and operation whenever possible. They also author education content, help identify program priorities, and present programs for conferences, tours, and media.

Corrections staff provide key contributions to the SPP partnership. In many cases corrections staff initiate and operate sustainability programs with incarcerated people without support from other partners. For programs that include external partners, corrections staff provide crucial support for planning, security, communication, corrections expertise, and program supervision. Often corrections staff make these contributions in addition to their other primary duties.

Many programs also include other partners. These external partners typically provide education, training, certifications, program/topic expertise, supplies, and materials. Through partnerships we build networks which focus on positive social and environmental outcomes.

SPP Mission

The Sustainability in Prisons Project (SPP) is a partnership founded by WA Corrections and [The Evergreen State College](#) (Evergreen). Our mission is to empower sustainable change by bringing nature, science, and environmental education into prisons.

SPP Vision

In response to the dual crises of ecological degradation and mass incarceration, we aim to reduce recidivism while improving human well-being and ecosystem health. SPP brings together incarcerated individuals, scientists, corrections staff, students, and program partners to promote education, conserve

biodiversity, practice sustainability, and help build healthy communities. Together, we reduce the environmental, economic, and human costs of prisons.

COVID-19 Impact Statement

The on-going coronavirus (COVID-19) pandemic has had unprecedented local and global impacts. These impacts have been especially hard for the people living and working in prisons. Those of us working with SPP acknowledge the loss of life and suffering experienced by incarcerated people, their families, and corrections staff. Our thoughts are with our fellow humans everywhere.

The health and safety of SPP staff, incarcerated people, and WA Corrections staff is our top priority. Therefore, the on-going COVID-19 pandemic has required that we continue to adapt implementation and operation of SPP programs. We take seriously the significant impact that the virus can have in a carceral environment. As a result, some SPP programs (e.g., Science and Sustainability Workshop Series) have remained suspended since March of 2020, especially those programs previously gathering large groups of participants in indoor spaces. Programs located primarily in outdoor/open air locations, where participants can more easily be socially distanced or supported in smaller cohorts have mostly continued throughout the pandemic or have moved toward restart in 2022. All programs operate in alignment with statewide mask, vaccination, and testing mandates. Partners work to ensure access to proper resources for hand washing and cleaning of high touch surfaces.

In addition to adapting and restarting programs, SPP-Evergreen has continued to focus on education development over this past year. More information is provided in [Section 4 Education Programs](#) of this report. We continue to work with WA Corrections to explore the use of available and developing technologies to increase student access to various remote educational materials.

SPP Staff and Organization Chart

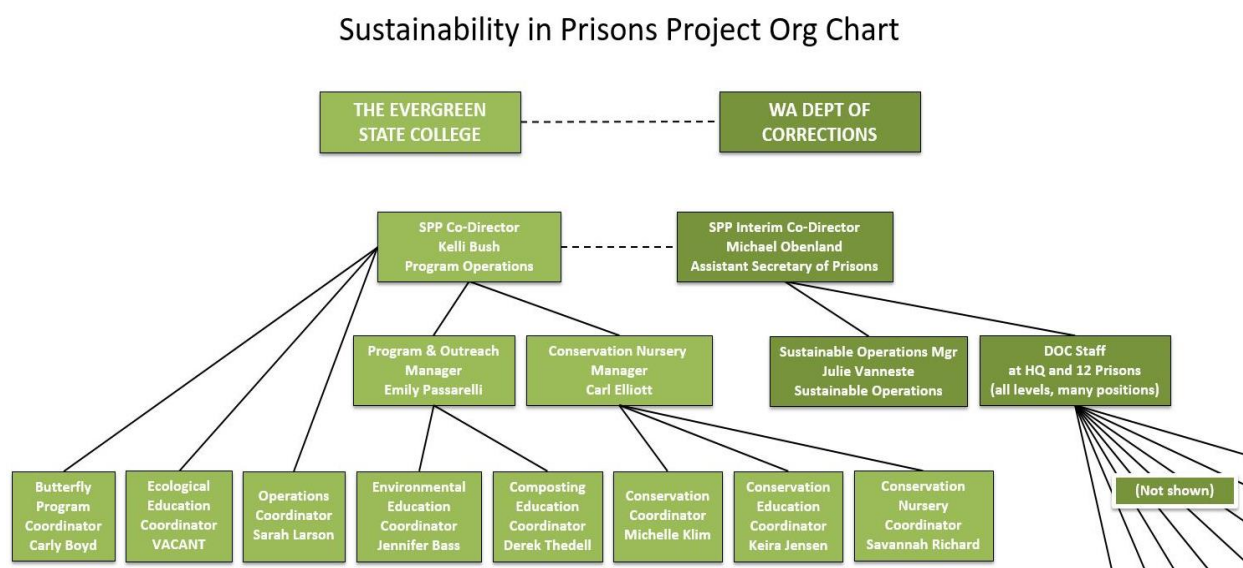


Figure 1. SPP Organizational Chart

The organization chart in Figure 1 includes staff as of December 2021. This chart is limited to core staff at WA Corrections and Evergreen (SPP-Evergreen), only hinting at the many people involved; there are many more corrections, academic, conservation, and community organization staff contributing to program success.

During this reporting period, the Evergreen side of the SPP partnership continued to be co-directed by Kelli Bush. Emily Passarelli joined the SPP-Evergreen team as Program and Outreach Manager in April 2021 and Carl Elliott continued in his role as Conservation Nursery Program Manager. Former SPP Co-Director and Evergreen faculty member Carri LeRoy continues to play a critical role in overseeing SPP program certificates. Numerous additional Evergreen personnel contribute to SPP including but not limited to Karen Gaul, Tina Pearson, Michelle Bartlett, James Jackson, David McAvity, Kat Sackman, John McLain, Paul Rudnick, John Carmichael, Dexter Gordon and Evergreen Education Coalition for Justice Involved Student members.

Steve Sinclair supported SPP as Co-Director for the WA Corrections side of the partnership through April 2021 and Rob Herzog continued as part of the SPP-WA Corrections Leadership Team through May 2021. We are grateful to both Rob and Steve for all their contributions to the SPP partnership. Summer 2021, WA Corrections Secretary Cheryl Strange and Deputy Secretary Sean Murphy appointed Assistant Secretary Mike Obenland as Interim SPP Co-Director for WA Corrections. SPP-Evergreen leadership met with Mike, Sean, and Cheryl on various SPP initiatives throughout 2021. Julie Vanneste, Chris Idso, and Loretta Taylor also served as part of the SPP leadership team.

Program Coordinator positions are staffed by Evergreen graduate students working 20 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 train new students to take over their positions. During this reporting period, several program coordinators and temporary staff transitioned out of their roles. A total of 10 Program Coordinators and temporary staff worked for SPP: Erica Benoit, Shohei Morita, Carly Boyd, Savannah Richard, Sarah Larson, Michelle Klim, Jennifer Bass, Derek Thedell, Keira Jensen, and Kimberly Madson. As of December 2021, SPP staffed seven student coordinator positions.



A photo collage card put together by the SPP team to say happy holidays to our partners. Pictured left to right from top: Kelli Bush, Emily Passarelli, Carl Elliott, Sarah Larson, Keira Jensen, Carly Boyd, Michelle Klim, Savannah Richard, Derek Thedell, and Jennifer Bass.

SPP Advisors

The [Advisory Panel](#) provides expertise, creative thinking, advice, and assistance with SPP initiatives and program development. During this reporting period, SPP did not convene a meeting of our Advisory Panel. Instead, we regularly consulted individuals to advise and guide our work during this challenging time. We frequently consulted previously incarcerated people, SPP co-founders, faculty, and leadership of multiple organizations. The guidance provided was critical and very valuable as we worked to continually adapt to changing circumstances. SPP intends to rebuild and restructure our advisory panel. As in previous years, panel members will include formerly incarcerated people, corrections staff, scientists, practitioners, and academics.

Staff Development: training, safety, and security

Programs are operated in compliance with WA Corrections safety and security rules, SPP-Evergreen protocols for working in the prison environment, and partner protocols for work with plants and animals. Please see the COVID-19 Recognition section above and specific program sections to learn more about adjustments made in response to COVID 19.

All SPP-Evergreen staff completed required WA Corrections training. Security is a topic included on every SPP-Evergreen staff meeting agenda, held every two weeks. SPP-Evergreen staff have maintained our commitment to be adaptable to changing safety and security needs. Posted below are trainings SPP-Evergreen staff completed during this reporting period.

Table 2. SPP-Evergreen staff training for 2021.

Name of Training	Trainer	Description	Hrs/Staff Person
WA Corrections: Security Training	WA Corrections Online	Proper Use of PPE, Initial Safety Orientation, Policy & General Info, WA State Sexual Harassment Prevention, Mandatory Reporting, Confidentiality, WA State Ethics, Infectious Disease Prevention, Office of Ombuds, ADA Reasonable Accommodations, Slips, Trips & Falls I & II, Outdoor Heat Exposure, Fire Extinguisher, Asbestos Awareness I & II, Public Disclosure, WA State IT Security Awareness, Naloxone	13
WA Corrections: Federal Prison Rape Elimination Act (PREA) Training	Online; Annual requirement	PREA Training	2
COVID-19 Safety Training	Online; SPP staff	Evergreen & WA Corrections COVID-19 Training & Safe Reentry Planning	10 (on-going)
SPP-Evergreen: Working in Prisons	Carl Elliot w/other SPP staff; on-line	Extensive training utilizing common scenarios encountered by SPP staff working in prisons	8

Language Impact, Reentry/Education Navigator & Lived Experience of Incarceration	James Jackson	Respectful language for previously incarcerated population; reentry/education navigation services; and lived experience of incarceration & education	1
Roots of Success Curriculum and Lived Experience of Incarceration	Grady Mitchell	Lived experience of incarceration & reentry; experience as ROS Instructor & as new Corrections & Reentry Program Director for ROS	1
New Employee Orientation	Emily Passarelli w/other SPP-Evergreen staff	Welcome to SPP, Program Operation/Admin., Taking Care of Yourself at SPP, Communication, & Time Management	10

2. Partnerships

Partnerships and collaboration are an essential component of SPP efforts and nearly every SPP program. We continually work to identify new partners and mutually beneficial programs. A working list of SPP partnerships, allies, and contributors is included as [Appendix 2](#); during this reporting period, more than 181 different organizations contributed to SPP programs in WA.

At the program level, the founding partners are often joined by one or more additional partners who bring vital expertise, resources, and/or skills to the program. We aim to recognize each contributor for their role and the program belongs to all. Figure 2 offers an illustration.

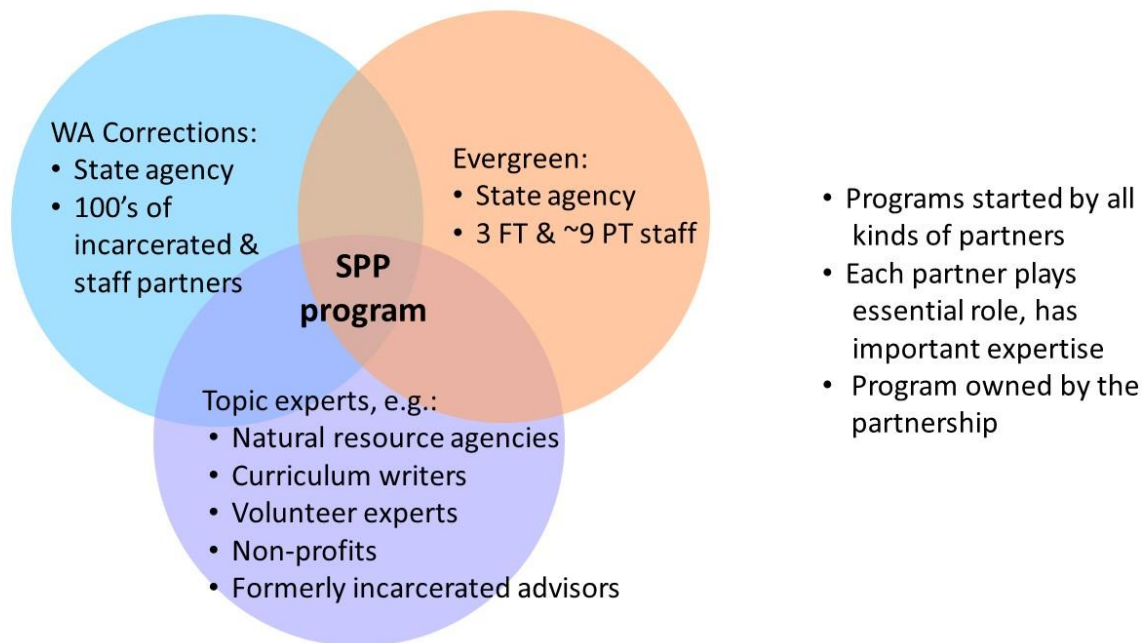


Figure 2. SPP generalized program structure.

Roles played by each partner vary to fit program focus and needs. In general, WA Corrections and partner organizations provide primary leadership for Sustainable Operations and Community Contribution programs, and SPP-Evergreen leads Environmental Education and Ecological Conservation programs. However, input and expertise from all stakeholders (including incarcerated people) is critical to program success—**the partnership is the program!**

SPP is continually investing in new partnerships. In the coming year, we are exploring several new connections to increase access to nature, science, and environmental education. We aim to learn from, grow with, celebrate, and share our experience with collaborators to better serve currently and previously incarcerated people. Working collectively, we are much more likely to create positive change!

Developing Partnerships:

Much of the work we do with partners and allies is highlighted in various sections throughout this report. A few notable collaborations we cultivated during this reporting period are briefly described below.

Composting Education Development:

SPP-Evergreen partnered with incarcerated educators and composting technicians, corrections staff, University of WA faculty, [Institute for Applied Ecology](#), [Tilth Alliance](#), and generous donors to plan and create a new Foundations in Composting Course. This course will be available in multiple states.

Environmental Education Collaboration (Pacific Coast):

SPP-Evergreen staff partnered with [Insight Garden Program](#), Institute for Applied Ecology/Sagebrush in Prisons, and [University of California Davis Center for Community and Citizen Science](#) to develop a funding proposal for the Mosaic Foundation. While we were unsuccessful in securing funding, we did develop a compelling proposal for learning exchange and collaboration among our organizations. We intend to continue working to identify funding that will allow us gather and share resources across our organizations.

Expanding Prison Education in Partnership with Evergreen:

Over the past year, SPP-Evergreen staff have increased collaboration with other faculty and staff at the Evergreen State College. We are working with faculty directors and staff from the Center for Entrepreneurial Leadership and Transformational Change (CELTC) and the [Center for Climate Action and Sustainability \(CCAS\)](#) to develop new education modules which can be available via SPP programs. In addition, SPP-Evergreen staff helped plan and develop a legislative funding proposal to expand education for currently and previously incarcerated students and worked with Academic leadership to develop a new credit-bearing model for SPP programs through Evergreen's Prior Learning from Experience program.

Olympia Community Solar

Prior to the COVID-19 pandemic, [Olympia Community Solar](#) staff presented at SCCC as part of SPP's Environmental Workshop Series; they described the experience as impactful. In November 2020, Olympia Community Solar approached SPP about donating packets of solar energy education materials to incarcerated people in Washington prisons. In Spring 2021, they donated packages including 5 books, manuals, and certification guides plus editions of a solar energy magazine. SPP delivered these materials to six western Washington prisons. In the future, we hope to expand this effort to include a solar energy training and certification course.

SPP Alignment with Evergreen's Five Foci

Evergreen's approach to education is best illustrated by [The Five Foci of Learning](#):

1. **Interdisciplinary Study:** Students learn to pull together ideas and concepts from many subject areas, which enables them to tackle real-world issues in all their complexity.
2. **Collaborative Learning:** Students develop knowledge and skills through shared learning, rather than learning in isolation and in competition with others.
3. **Learning Across Significant Differences:** Students learn to recognize, respect, and bridge differences—critical skills in an increasingly diverse world.
4. **Personal Engagement:** Students develop their capacities to judge, speak, and act on the basis of their own reasoned beliefs.

5. **Linking Theory with Practical Applications:** Students understand abstract theories by applying them to projects and activities and by putting them into practice in real-world situations.

SPP engages incarcerated students and technicians, enrolled Evergreen students and faculty, corrections staff, state and federal agencies, and non-profit organizations in collaborative, interdisciplinary learning across differences. Our science and sustainability education programs are aligned with the social justice, diversity, environmental stewardship, and public service elements of Evergreen’s mission.

SPP’s [Environmental Education](#) and [Conservation](#) programs are coordinated by Evergreen graduate students whose experiences encompass and exemplify all five foci. Since 2009, SPP-Evergreen has employed over 60 Evergreen students in long-term positions and provided honoraria or internship stipends to dozens more. Through SPP, the incarcerated participants of education and conservation programs also gain access to the Evergreen learning model, thus sharing in the benefits of this innovative interdisciplinary approach. An increasing number of former SPP program participants are attending Evergreen post-release—contributing their valuable experiences, assets, and skills directly to our campus learning communities.

SPP Alignment with WA Corrections’ Mission & Vision

From WA Corrections’ [website](#):

Mission: To improve public safety by positively changing lives

Vision: Working together for safer communities

The Department of Corrections is committed to operating a safe and humane corrections system and partnering with others to transform lives for a better Washington. A key value of WA Corrections is supporting people’s success: understanding individuals, instilling hope, embracing change, and providing opportunities. Through the SPP partnership, WA Corrections brings science, nature, and environmental education into the state’s prisons. These programs create a safer and more humane correctional environment, provide opportunities for incarcerated individuals to achieve academic and vocational goals, and contribute to their successful reentry to our communities.

3. Budget

This section of the report addresses budget resources specifically available via the SPP team at The Evergreen State College (SPP-Evergreen). Washington Department of Corrections (WA Corrections) and other partners dedicate substantial, additional personnel time, funding, and materials support for SPP programs. Those critical contributions are not detailed here. While Evergreen does not provide direct funding for SPP, they make important contributions by providing office space, payroll processing, access to students and faculty, human resource services, and budget management support.

During this reporting period, SPP had approximately \$550,000 in funds available from 13 sources. Available funding included one contract per fiscal year with WA Corrections provided through interagency agreement. SPP-Evergreen spent WA Corrections funds on WA prison programs in accordance with contract requirements. Other funding sources include state and federal contracts, grants, foundation, and private donations.

An anonymous donor provided a generous gift through the Seattle Foundation. SPP-Evergreen has received funds through this donor over several consecutive years. These gifts have been awarded for SPP's general use, and they make a significant difference in the programming, outreach, and education we are able to provide. In 2021, we specifically used these funds to help support the Taylor's checkerspot butterfly program, beekeeping programs, a new collaboration between prison gardens and kitchens to improve access to fresh produce, purchase books, and to advance development of SPP's new credit-bearing education model and educational materials.



A honey bee at WSP enjoys a beautiful flower. Photo by Chris McGill.

SPP and the [Institute for Applied Ecology's Sagebrush in Prisons Project](#), also received an impactful donation from an anonymous donor to develop a composting education course. With this funding, we can realize our long-term goal to create curriculum materials which provide foundational education in composting throughout Washington and other states. More information about this certificate course is included in [Section 4 Education Programs](#).

Individual donors continued to contribute to SPP. These donations are commonly used to purchase books, program supplies, and beekeeping resources; fund previously incarcerated advisors, trainers, and guest speakers; and develop and print education materials. We appreciate and make positive use of every dollar of every contribution!

The percentage of funding provided by individual sources varies from month to month as sources become available or close throughout the year. SPP-Evergreen staff continuously seek new funding and complete existing grants and contracts. As we had more time to adapt to the pandemic, SPP-Evergreen renewed efforts to diversify funding sources in 2021. During this reporting period, SPP-Evergreen staff were responsible for stewarding funds from the sources described below (see Table 3).

Table 3. SPP-Evergreen Grant and Contract Funding (see [Appendix 3](#) for abbreviations).

SPP Funding Sources Jan 2021 – December 2021		
Source	Program Area	Funding Period
Grants and Contracts		
DOC SPP General Operating	Education & Training, Program Operation (Bees, Gardening, Turtles, etc.), Org Planning	07/01/19 – 06/30/21
JBLM	Conservation Nursery Education & Training	09/28/20 – 03/28/22
DOC SPP General Operating	Education & Training, Program Operation (Bees, Gardening, Turtles, etc.), Org Planning	07/01/22 – 06/30/23
JBLM	Conservation Nursery Education & Training	09/28/21 – 03/28/23
WDFW - Butterfly	Taylor's Checkerspot Butterfly Recovery Education & Training	01/01/21 – 12/31/21
WDFW - Sagebrush	Shrub-Steppe Conservation Nursery Education and Training	11/01/21 – 06/30/23
WDFW - Turtle	Western Pond Turtle Recovery Education & Training	09/01/21 – 06/23/23
Small Service Contracts		
USFS - Olympic	Conservation Nursery Education & Training	01/01/21 – 10/31/21
WDFW		
CNLM		
WA DNR		
Donations		

Individual & Foundation Donations	Gardening, Beekeeping, Education Materials, Org Planning, Training, Program Supplies, etc.	N/A
Composting Course Donation	Peer-Led Composting Course Development	04/15/21 – 06/30/22

The majority of SPP-Evergreen's budget is dedicated to personnel expenses. A smaller, but significant portion goes to program materials such as education supplies, small infrastructure projects, scientific equipment, printed education and outreach materials, and prison libraries.

4. Education Programs

Education continues to be SPP-Evergreen's central focus. We are improving, sustaining, and building new education, training, certification, college credit-eligible, peer-led, and experiential learning programs. Over the past year, we continued to face difficulties with restarting programs that involve outside guests or classroom gatherings due to COVID-19 restrictions. However, this afforded us the time to make exciting strides towards enhancing peer-led and credit-bearing programs with consistent, high-quality education and training. In the sections below, we report on the progress we made on education in 2021 including successes and challenges of operating established programs and offering new opportunities.

Academic Credit

Over the past several years SPP-Evergreen staff worked with Evergreen State College leaders, stakeholders, legislators, corrections staff, and other education organizations to identify and remove barriers to granting credit during incarceration for select SPP programs. *This issue has been SPP's top priority, and we are pleased to announce considerable progress.* In the past, SPP was only able to award non-transferable academic credit post-incarceration through the College's Certificated Learning program. Working with Evergreen's Academic Leadership team, SPP developed a new credit-eligible education portfolio model that builds on the College's Prior Learning Experience (PLE) program. SPP's proposed adaptation of Evergreen's PLE program has been approved.

Expenses for delivering SPP education programs are almost entirely satisfied by multiple grants, contracts, donations, and associated indirect funds secured by SPP-Evergreen. Given the education portfolio model SPP is using and the fact that incarcerated students served by these programs do not incur typical faculty or campus expenses, any unmet expenses will be supported by a program fee rather than full tuition rates. SPP-Evergreen intends to fund the small portion of unmet administrative costs, through fundraising, donations, and grants. A subset of SPP programs will be eligible for credit under this new model, summer 2022.

Education Portfolio and Module Development

The SPP-Evergreen team is building PLE-SPP Education Portfolios for most of our environmental education and ecological conservation programs. SPP staff and partners are developing new educational components for each program which offer more in-depth learning opportunities, greater resiliency, improved consistency in how we deliver education, and allows for transferable credit award during incarceration. The new education portfolio model strengthens the credit-eligible education SPP previously offered through certificated learning. Portfolios are standardized for each program and describe the education and work experience each participant gained. Finalized education portfolios will include the following components:

Table 4. SPP Education Portfolio Components.

Portfolio Component	Description
Certificate	Includes learning objectives, program description, hours, credit equivalencies and required educational materials such as modules, workshops, seminars, reading, etc.
Syllabus	Includes learning objectives, program description, and class expectations.
Reflective Writing	Written by the student, the reflective writing piece allows the student to describe what they learned during the course.
Required Educational Components	Modules (SPP and external authored), workshops, education packets, seminars, procedure and protocol documents, trainings, external workbook curricula, and supplemental materials; described more in Table 5 below.
Evaluation Template	Standardized program evaluation based on student's complete or incomplete portfolio.
Portfolio Checklist	SPP staff and Evergreen faculty checklist to verify when portfolio components are satisfied for individual students.
Hour and Task Tracking Log	SPP staff tracking individual student progress.
Position Summary (if applicable)	Includes description and hours recorded.

Education portfolios components are developed, delivered, and tracked by or with oversight from SPP staff. Education development support, oversight, credit recommendations, and templated evaluations for students are provided by Evergreen faculty of record, Dr. Carri LeRoy. Though SPP faculty of record and Evergreen academic deans had pre-determined credit value for SPP's previously established certificated learning program model, SPP's new education portfolios will undergo review to determine their credit value under the new PLE model. The table below describes the development status of several education portfolios for specific programs as of December 2021. In our next phase of work, SPP hopes to collaborate with partners to develop additional portfolios for other programs including Beekeeping, Roots of Success, and the Environmental Workshop Series.

Table 5. SPP Education Portfolio Development Status.

Main Program	Education Output	Status
Butterfly Program	Work Plan	Finalized
Composting Curriculum	Work Plan	Finalized
	Syllabus	In Draft
Gardening Curriculum	Work Plan	In Development
	Syllabus	In Draft
	Certificate	In Development
Western Pond Turtles	Work Plan	In Development
Conservation Nurseries (Prairie, Sagebrush, & Wetland)	Syllabus	In Development
	Evaluation Template	Finalized
All programs	Reflective Writing Prompt	Finalized

While prioritizing education that does not rely on technology access and large group gatherings, SPP has focused our efforts on developing education modules, or stand-alone chapters on a variety of topics. The core content is written and developed specifically for SPP programs and is coordinated and

supported by SPP. SPP's education modules are designed based on the chapters first written for the Foundation in Gardening curriculum. Modules are typically 8-20 pages of print materials and include integrated pieces such as learning activities, visual aids, discussion questions, and interdisciplinary art, cultural, or historical context. These modules can be stand-alone lessons or may be combined with other modules and content to create an SPP education portfolio or course. Some modules are offered in more than one program or education portfolio.

In addition to developing module content, SPP also collected or developed guidance documents for module authors. This suite of support documents includes the Module Development Guide, SPP Module Template, an example module, Tips for Developing SPP Education Materials, Module Style Guide, Tips for Writing Effective Learning Objectives, and US Department of Human Services Tool Kit for Clear Writing. This suite will be improved and updated as feedback on these resources is received. Posted below are education modules that were in development during the reporting period:

Table 6. Education modules under development during the 2021 – 2022 reporting period.

Main Program	Subject
Butterfly	Plant and Pollinator Interactions
Composting Curriculum	Environmental Cycles
	Careers in Sustainability
	Compost, post-consumer good waste, and the environment
	Composting Regulations and Testing
	Growing with Compost
	Alternative Composting
	Commercial Scale Composting
	Small Scale Composting
	Science of Composting
Conservation Nursery	Climate and Geology South Salish Prairies
	Vegetation of South Puget Prairies
	Ecological Horticulture
	Intro to Study Area: South Salish Prairies
	Introduction to Study Area Prairies
Sagebrush	Ecology
	Wildlife
	Restoration
	Ecological Horticulture
	Policy
Western Pond Turtles	Introduction to Wetlands
	Western Pond Turtles
Free Standing Content	Introduction to Mycology

Community College Collaboration

SPP appreciates and acknowledges the educational offerings of community colleges and other education organizations. We have a long history of finding ways to collaborate to better serve students. This reporting period community college staff and faculty went above and beyond to offer their students meaningful educational opportunities despite countless barriers. In addition to offering their traditional classes, [Centralia College](#) and [Clark College](#) collaborated with SPP to offer new opportunities to reach two populations that SPP previously had limited contact with, students working toward their high school diploma and students housed in Intensive Management Units (IMU).



An LCC TA digs in the garden for the first HS+ Foundations in Gardening Class. Photo by Lauren Zavrel.

In partnership with Clark College Corrections Education staff, SPP began offering the Foundations of Gardening curriculum to High School Plus (HS+) students. This is the first known instance of a community college using SPP programs toward high school credit. We anticipate that the development of the Education Portfolio will allow more SPP programs to be offered in this capacity. In addition, Clark College coordinated efforts for an incarcerated individual to author a standalone education module about mycology.

In partnership with Centralia College Corrections Education staff, SPP will be offering both the Foundations in Gardening Curriculum and beekeeping packets to interested IMU students. During the pilot period of this program, SPP will offer recognition certificates. If successful, SPP will work toward bolstering the program to offer these students college credit.

Collaboration with Centralia College has also been instrumental in developing the new Foundations in Composting curriculum. A Centralia College staff member played a key role in curriculum planning, including suggesting the idea of a culminating project for the course. Additionally, Centralia College staff offered technical consulting which allowed incarcerated individuals to participate in writing and editing modules. We plan to continue to foster these partnerships in a combined effort to bring meaningful education to incarcerated individuals.

Certificates

During this reporting period significantly fewer certificates were awarded as many programs were suspended due to COVID, incarcerated participants were unable to access the program due to frequent quarantines, programs were in the process of restart, or participants transferred or were released due to new legislation which changed their eligibility to return to the community. We used this time to develop our new and hopefully more resilient education model. In this reporting period, we awarded two SPP certificates that warrant consideration for college credit at Evergreen. Additional “recognition” awards—not eligible for credit evaluation—are not included in this summary. New SPP Education Portfolios are being developed to offer education, training, and academic credit over shorter periods of time.

Additionally, SPP facilitates certificate awards from outside organizations in two additional programs:

- Beekeepers are certified by Washington State Beekeepers Association, and
- Roots of Success students are certified by the organization Roots of Success.

Foundations in Composting

In collaboration with a generous donor, SPP-Evergreen, the [Institute for Applied Ecology](#), the sustainability team (incarcerated educators and corrections staff) at Washington Corrections Center, [Tilth Alliance](#), professors from University of Washington (UW), Evergreen Master of Environmental Studies students, and formerly incarcerated individuals, began planning and developing a new Foundations in Composting curriculum. This curriculum will cover small-scale and large-scale composting, soil science, alternative composting methods, and much more. To see a full list of course modules, please see Table 6.



SPP Composting Coordinator, Derek Thedell, gets familiar with WCC's composting bins. Photo by Emily Passarelli.

The structure of the curriculum is modeled after the composting course first piloted at Monroe Corrections Complex and the Foundations of Gardening curriculum. Both courses are designed to be peer-led (delivered by incarcerated facilitators) and have modules that include learning activities, group discussion, and comprehension questions. The Foundations in Composting curriculum also includes a culminating project as a requirement for students seeking college credit.

This curriculum will also go through the new SPP education portfolio review process to be evaluated for college credit. The curriculum is expected to be released in 2022 and will be piloted in Washington prisons and at the Lovelock Correctional Center in Nevada.

Roots of Success

[Roots of Success](https://rootsofsuccess.org) is an environmental literacy curriculum developed by Dr. Raquel Pinderhughes, Professor of Urban Studies & Planning at San Francisco State University (more at rootsofsuccess.org). WA Corrections began offering the program in July 2013 and content has been well-received by many incarcerated students over the years. Certified incarcerated instructors deliver the program, a model that is impactful and effective among students, instructors, and staff sponsors.

During this reporting period, former Roots of Success Master Trainer, Grady Mitchell, was released and joined the ROS (Roots of Success) team as their new Reentry Director. Grady's vast knowledge of the course, commitment to healthy partnerships, and shared enthusiasm for program impacts have been great additions to this collaboration. Together we supported three active, full-curriculum programs at

CRCC, LCC, and SCCC. However, the cohorts at all facilities were smaller and limited due to COVID-19. Details for this reporting period are shown in the following tables and highlights.

Table 7. Roots of Success Program overview by institution.

Facility	Status as of Dec 2021	Notes and future plans
AHCC	Suspended*	Hope to restart classes when safe and facility has capacity.
CBCC	Inactive	Program is inactive as the facility currently has no instructors. Hope to revisit facility interest to restart the program.
CCCC	Inactive	N/A
CRCC	Active	Adapted to offer small cohorts as allowed by COVID-19 and staffing capacity.
LCC	Active	One current instructor. Problem solving workbook orders.
MCC-WSR	Inactive	Unit on closure list.
MCCCW	Inactive	Currently no instructor available
OCC	Inactive	N/A
SCCC	Active	Adapted to offer small cohorts as allowed by COVID-19 and staffing capacity.
WCC	Inactive	Two instructors available. Future plans include identifying a program liaison.
WCCW	Inactive	Currently no available instructor or classroom space. Efforts to identify new instructors and classroom are on hold due to COVID-19.
WSP	Inactive	Program stalled and currently inactive.
	3	← number of active programs

*Temporarily suspended or placed on hold due to COVID-19

The full version of Roots curriculum requires 50 hours of classroom time plus substantive time for instruction prep, workbook review, and administrative tasks. The table below provides information related to graduates of this full curriculum.

Table 8. Summary of Roots of Success graduates of full curriculum for this reporting period.

Facility	Number of cohorts	Graduates
AHCC	0	0
CRCC	5	28
LCC	0	0
MCC-WSR	0	0
SCCC	2	13
WCC	0	0
WCCW	0	0
Reporting period	7	41
Total since beginning	140	1607

Teaching Practicum

In partnership with The Evergreen State College and Roots of Success, SPP developed a teaching practicum certificate that recognizes ROS instructors who have taught three or more classes, or 150+ hours of teaching. In the coming year, SPP will work with ROS to convert the previously established

credit-eligible certificate into an Education Portfolio. The new portfolio will be assessed by Evergreen faculty for credit value. During the reporting period, one instructor from LCC was awarded the teaching practicum certificate in January 2021.

Education Materials Donations

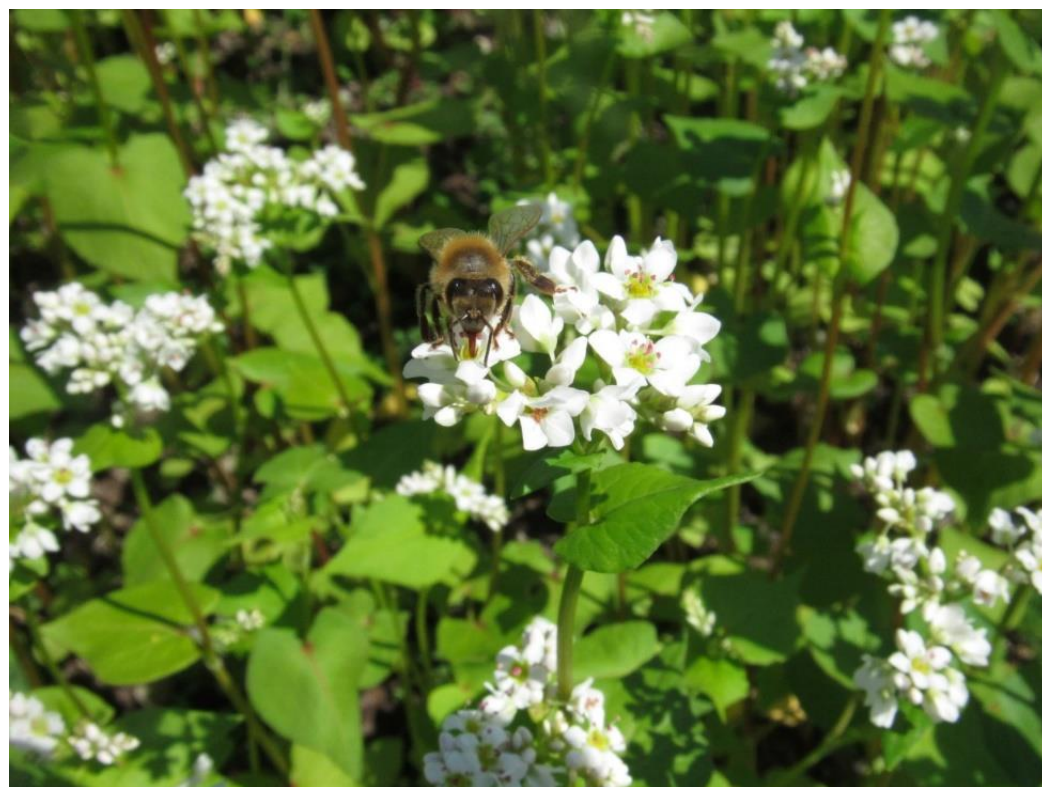
Roots of Success instructors from various facilities expressed the need for additional educational materials. We made donations to various programs to diversify their education resources. Additionally, we purchased environmental books that will be sent to programs throughout the state.

Table 9. List of bonus education materials.

Date	Facility	Item description	Quantity
10/15/2021	LCC	Book, <i>What a Plant Knows</i> by Daniel Chamovitz	2
10/15/2021	LCC	Book, <i>Four Fish; The Future of the Last Wild Food</i> by Paul Greenberg	2
Shared with all facilities		SPP educational materials index	
Available to all facilities		Alabama Prison Arts + Education Project's weekly Warbler newsletters	

Beekeeping

During this reporting period, we supported four active beekeeping programs at the following facilities: SCCC, WCC, McNeil Island, and WCC. Unfortunately, 11 facilities suspended the program due to COVID-19. In 2022, many programs are working on restart. Details for this reporting period are shared in the following tables and highlights.



Honey bee foraging on a white buckwheat blossom at WCC. Photo by Laurie Pyne.

Table 10. Beekeeping program status by facility.

Facility	Status as of Dec 2021	# of hives	Program Liaison	Partner(s)
AHCC	Active*	4	Kay Heinrich	West Plains Beekeepers , Inland Empire Beekeepers
CBCC	Active*	5	Faye Nicholas	North Olympic Peninsula Beekeepers Association
CCCC	Suspended	0	Jean Anderson Jerrold Beaulieu	Olympia Beekeepers Association
CRCC	Active*	1	Dorothy Trainer	Mid-Columbia Beekeepers
LCC	Active*	5	Shawn Piliponis	Clark County Beekeepers
MCC-SOU	Suspended	4		North West District Beekeepers
MCC-TRU	Active*	6	Susan Collins	North West District Beekeepers
MCCCW	Active*	3	William Anderson April Henderson	West Sound Beekeepers
OCC	Inactive			
SCCC	Active	2	Kelly Peterson	Olympia Beekeepers Association
WCC	Active*	4	Jeff Sanders Aundrea Lund	Olympia Beekeepers Association
McNeil	Active*	2	Laurie Pyne Dixon Fellows	Olympia Beekeepers Association
WCCW	Active*	3	Muriah Albin Dan Zoolkoski	West Sound Beekeepers
WSP	Active*	8	John Fischer Michael Butler James Atwood	West Plains Beekeepers Association

*Hives present but classes suspended or placed on hold due to COVID-19



WCC beekeepers checking on the hives to ensure the bees are on track for winter. Photo by Laurie Pyne.

Table 11. Beekeeper certificates awarded during this reporting period by facility.

Facility	Incarcerated students			Staff students	
	Beginner	Apprentice	Journeyman	Beginner	Apprentice
LCC	6	0	0	0	0
MCC-SOU	1	1	0	3	3
MCC-TRU	0	0	0	1	1
SCCC	30	21	0	1	1
Total	37	23	7	5	5

Beekeeping Program Highlights

- Monthly education packets were distributed with beekeeping-related articles and optional worksheets. Materials were sent to all 12 facilities; students from three facilities submitted their completed packets: 2 from WCC, 23 from SCCC, and 24 from WCCW.
- SPP-Evergreen purchased a one-year subscription to the **American Bee Journal (ABJ)** to be shared with WA DOC bee programs. AHCC, CBCC, CCCC, CRCC, MCC-SOU, MCCW, WCCW, LCC, and SCCC received monthly copies beginning in January 2021.
- The beekeeping program at McNeil Island continues to thrive with support from Olympia Beekeepers and WA Corrections staff. Student beekeepers from CCCC visit the island biweekly during the summer months to receive education and help take care of the hives.
- Beekeepers at SCCC tested an insulated hive to help the bees survive the winter. Beekeepers introduced the hive in August 2021 and reported a healthy hive in December.
- We supplied several hives of bees, beekeeping tools, and sugar to MCCCW and WCCW.
- We continue to provide educational materials whenever possible. During the reporting period we supplied the materials summarized in the table below.

Table 12. List of educational materials donated.

Facility	Item type	Item title
SCCC	Book	The Lives of Bees
		Following the Wild Bees
		Honeybee Democracy
WCCW	Book	Honeybee Democracy
		Natural Beekeeping
AHCC	Book	The Lives of Bees
		Honeybee Democracy
		Following the Wild Bees
		Natural Beekeeping
All Facilities	Magazine	Monthly issues of American Bee Journal

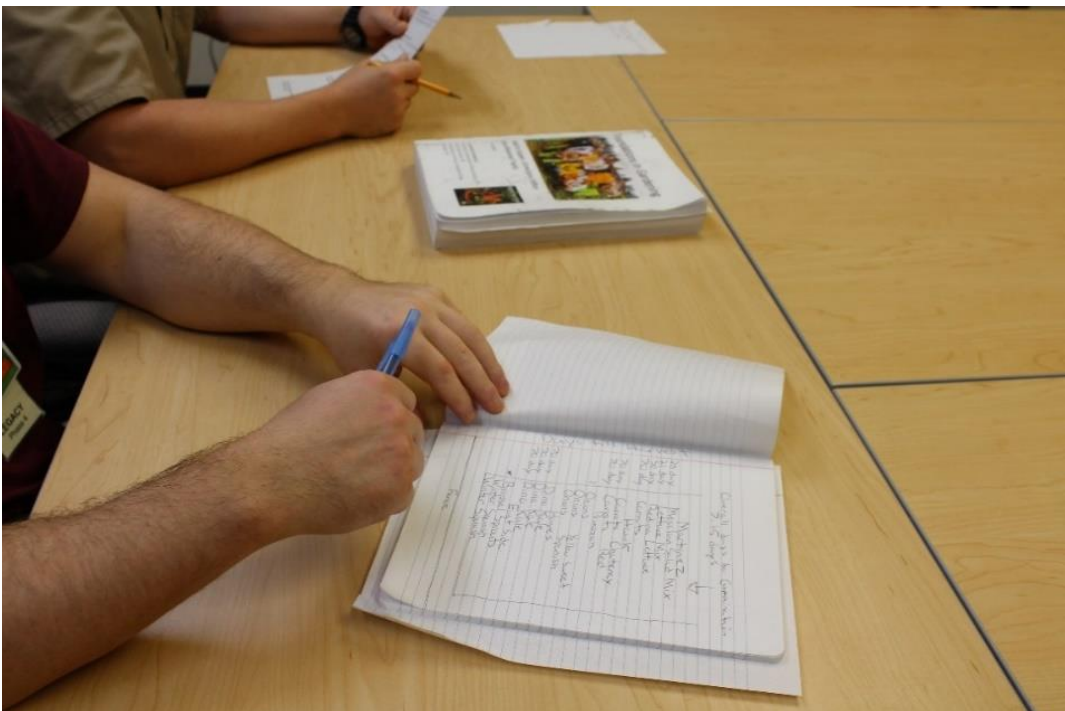
Events and Outreach

- Incarcerated student beekeepers at WCC harvested fifteen jars of honey. SPP staff Jennifer Bass and Shohei Morita attended the event.

- August 17, 2021 Incarcerated student beekeepers at WCCW hosted an educational presentation on varroa mites. SPP staff Emily Passarelli, Jennifer Bass, and Shohei Morita attended the event.



Honey extraction at WCC. Photo by Shohei Morita.



LCC Gardening students provide feedback on the Foundations in Gardening curriculum. Photo by Emily Passarelli.

Foundations in Gardening

During this reporting period two facilities, SCCC and CRCC, continued to hold classes in the Foundations of Gardening. Additionally, we donated the following educational guides and books to the gardening program at SCCC: Gardening Companion Planting chart; *The Complete Guide to Companion Planting: Everything You Need to Know to Make Your Garden Successful*; and *Carrots Love Tomatoes: Secrets of Companion Planting for Successful Gardening*. Finally, SPP also donated materials like wood posts, fencing materials, soil testing kits, and seeds for LCC's class to build a garden.



Two praying mantises found by the LCC Gardening Class. Can you spot them? Photo by Lauren Zavrel.

Environmental Engagement Workshop Series

Due to the COVID-19 pandemic, the workshop series continues to be suspended to protect the safety of the incarcerated students, staff, and guest experts. During this reporting period, no workshops were offered. There are currently no plans to restart this program, but we remain hopeful that this program will resume when deemed safe.

5. Conservation Programs

SPP's conservation programs encompass a huge range of goals, activities, and topics, though all share three things in common:

1. The program focus is conservation-related education and training: preserving and protecting species, landscape, and/or other natural resources.
2. These programs depend on strong collaborations between incarcerated people, corrections staff, students, SPP staff, scientists, and community experts who share their knowledge, resources, and enthusiasm.
3. Incarcerated program partners are both students and technicians; they receive formal education, training, and hands-on experience. Essentially, these are college-level internships, and technicians are awarded SPP certificates as they complete certification requirements.

Conservation programs' success is dependent on each partner contributing their expertise and time. Programs are designed to maximize benefits to each collaborator.

Conservation Nursery Programs

The SPP Conservation Nursery education and training program continues to primarily grow plants to support Taylor's checkerspot butterfly habitat restoration on [Joint Base Lewis McChord](#) and other south, Salish lowland prairie sites. Additional plant species were grown for Joint Base Lewis-McChord (JBLM), [WA Dept. of Fish and Wildlife](#) (WDFW), [WA Department of Natural Resources](#) (DNR), and [Center for Natural Lands Management](#) (CNLM). The nursery also expanded contract growing for United States Forest Service (USFS), [Olympic National Forest](#) for vegetation restoration on de-commissioned roads and trails.

Our most substantial outreach in 2021 was SPP's collaboration to cultivate plants for shrub-steppe habitat restoration. This program will expand the conservation nursery to prisons in eastern Washington. The Washington State Legislature provided a two-year funding proviso to support a stakeholder planning process. The broader goals of the proviso include supporting essential recovery efforts for the state's at-risk shrub-steppe species, helping prevent the devastating effects of severe wildfires, and creating local restoration jobs for communities living in and around Washington's sagebrush-steppe ecosystem. As a small part of this effort, SPP is partnering with WDFW to provide credit-bearing education and training for incarcerated students to cultivate shrub-steppe species adapted to regional ecological conditions. The program will begin with training and plant production at SCCC in 2022 and infrastructure planning and development at WSP. In subsequent years, partners intend to shift program focus entirely to WSP to grow plants and seeds through at least 2024.

Plant-Plug Production

In 2021, the SPP Conservation Nursery program concentrated on growing plant plugs at WCCW. Plug production is necessary for species that do not establish well from seed when planted in Taylor's checkerspot butterfly (TCB) recovery or other restoration sites. In 2021, the nursery at WCCW delivered 44,910 plant plugs of 51 species for butterfly recovery and regional habitat restoration. Additionally, the WCCW nursery grew several species of native plants for the USFS for restoration of recreational areas.

The conservation nursery infrastructure at SCCC was turned over to WA Corrections staff for food production during pandemic restrictions.



Two conservation nursery technicians show off all their hard work at WCCW. Photo by Savannah Richard.

Table 13. Conservation Nursery Regional Plug Summary; plants delivered Fall 2021.

	2021 TCB Species	2021 TCB Plants	2021 USFS Species	2021 USFS Plants
Total Delivered	28	44,910	12	9,160
Total Requested	28	55,120	12	7160

Prairie Seed Gardens

SPP nurseries at WCC and WCCW were in transition in 2021. Early blue violet (*Viola adunca*) seed beds were removed to develop row crop fields and prepare soil through cultivation and cover crops. Hardy annuals *Collinsia grandiflora*, *Collinsia parviflora*, and *Plectritis congesta* were sown to overwinter 2021 for a 2022 seed harvest. In 2021, seed production was put on hold at WCCW due to COVID staffing restrictions.



Summer 2021 buckwheat cover crop for soil conditioning at the WCC seed field. Photo by Michelle Klim.

Emergent Pre-Vegetated Mat (EVM) Production

The COVID pandemic required putting the EVM program in stasis, one of many changes in 2020-2022. Instead, SPP pivoted to working with SCCC to develop protocols and cultivation techniques to produce microgreens for facility food production. In 2023, SPP hopes to provide supplementary nutrition for incarcerated individuals at SCCC through microgreen production in the former EVM program area.

Training and Education

Due to COVID restrictions, SPP's Conservation Nursery Program Coordinators altered the regular educational trainings to provide remote education. The SPP team also developed materials for education portfolios. Education portfolios are being developed in partnership with Evergreen and can provide program technicians with academic credit during incarceration. For more information on education portfolios, please refer to the Education Section.

Salish Prairie Restoration Course Description

The Conservation Nursery Program provides interdisciplinary academic and vocational education centered on conservation ecology in the South Salish, lowland prairie ecosystem. Concepts in plant propagation, nursery management, conservation biology, restoration ecology, and federal and state environmental policies are examined. Students explore topics and concepts through readings, participation in seminars, hands-on workshops, presentations, and writing assignments. There are two levels of certificates that students can earn. The first level is the Prairie Nursery Technician certificate which recognizes 30 hours of academic study and 270 hours of vocational study. The second level is the Prairie Nursery Specialist which is awarded to students completing 60 hours of academic study and 740 hours of vocational study.

Sagebrush Steppe Restoration Course Description

The Sagebrush-Steppe Program provides interdisciplinary academic and vocational education focused on sagebrush-steppe ecosystems. Topics covered include plant propagation, nursery management, conservation biology, restoration land management, and federal and state environmental policies. These topics are explored through readings, seminars, workshops, presentations, and writing assignments.

Taylor's Checkerspot Butterfly (TCB) Program

The Taylor's Checkerspot butterfly (*Euphydryas editha taylori*) is a federally endangered species that once flourished from southern British Columbia to central Oregon. The SPP program at MCCCW adds to the scope and resilience of species recovery efforts, and provides incarcerated people with education, training, and certification. Program partners include incarcerated technicians, corrections staff, WDFW, USFWS, JBLM/DoD, and butterfly husbandry consultants.

Since 2011, program participants have reared more than 40,000 caterpillars and adult butterflies for release onto south Salish lowland prairies. More than 40 incarcerated technicians have received education and training, six graduate students have coordinated the program, and seven WA Corrections staff have served as liaisons. Rearing outcomes for this reporting period are summarized in Tables 14 and 15 below.

Table 14. TCB 2020 – 21 season; all butterfly larvae released March 2021; none retained for breeding.

Raven Greenhouse		Turtle Greenhouse	
# of larvae at wake up	Total Released	# of larvae at wake up	Total Released
2,279	2,277	1,522	1,522
Total Larvae Released Both Greenhouses			3,799

Table 15. Wild TCB transferred to MCCCW May 2021 and resulting larvae into diapause.

Greenhouse	# Wild TCB	# Productive Wild TCB	# Resulting Larvae	Larvae into Diapause
Turtle	31	29	3,946	3,937
Raven	20	19	2,786	2,752
Total	51	48	6,732	6,689



A MCCCW Technician counts larvae. Photo by Kelli Bush.

Program overview in this reporting period:

- Early February 2021, MCCCW sent nearly 3,800 total caterpillars to be released, retaining none.
- Due to on-going COVID impacts, SPP couldn't offer as many certificates or educational sessions as usual as technicians were quarantined for a portion of the season.
- When we couldn't support education using our typical model, SPP staff adapted to provide participants educational materials that could be completed individually, within small peer

groups, and occasionally provided workshops when it was safe and in alignment with COVID procedures.

- In addition to their education and training to raise butterflies, technicians received several days of education on all aspects of plantain (*Plantago lanceolata*) plant care. They propagate and cultivate plantain as butterfly larval food plants.
- MCCCW staff provided exceptional support to sustain this education and training program.

Table 16. TCB program education and certification, Jan 2021 – December 2021

In-Person and Remote Education Sessions (30-90 minutes)	Sessions
MCCCW	
Propagating and transplanting plantain	1
Preparing soil and starting plantain host plant seeds	2
Beekeeping education packets - Remote education	3
Egg and Larval Cup Workshop	1
Butterfly Life Stage Workshop: Egg to Hatch	1
Butterfly Life Stage Workshop: 3rd to 5th Instar	1
Butterfly Life Stage Workshop: Diapause	1
Butterfly Life Stage Workshop: Wake-up	1
Managing Environmental Conditions	2
Seminars on various science education articles	5
Taylor's Checkerspot Butterfly Learning Guide	1
Certificates Awarded	
Butterfly Rearing and Research Specialist, 1,500 hours	1

Composting

Many Washington prisons have some form of large or small-scale composting program. SPP and partners are eager to bring educational materials and certifications to composting participants as a benefit and complement to hands-on sustainability education experience.

One of the first and largest composting programs is housed at [Monroe Correctional Complex](#). This program was founded in 2010, primarily by two incarcerated technicians with key staff support. In 2017, the program worked with incarcerated technicians and instructors, Seattle's [Tilth Alliance](#), [University of Washington](#) faculty and composting experts, and SPP-Evergreen to create a program certification eligible for academic credit. For several years, [University Beyond Bars](#) provided vital support for peer-led course instruction by hosting a Teaching Assistant. In August 2019, the collaborative education program was suspended. Despite several attempts, the education component of the composting program was not restarted prior to the pandemic and has been on hold throughout the remainder of this reporting period. Facility staff and incarcerated people are still operating the program and SPP hopes to reintroduce the educational partnership in the future.

Several of the incarcerated people who helped build the program at Monroe, transferred to Washington Corrections Center. There they have been working with corrections staff to expand composting with worms, bokashi, and black soldier flies. Their goal is to eventually compost 100% of facility food waste.



A technician shows off the new compost area at WCC. Photo by Emily Passarelli.

Corrections staff and incarcerated technicians and educators at WCC have also invested significant time working with SPP and partners to develop a new Foundations in Composting curriculum. This collaboration has been fruitful, and the course development team will complete their work in June 2022. To transform waste into valuable resources, incarcerated technicians at WCC and MCC work with three systems, including:

1. **Worms:** Worms (also known as red wigglers and the “vermi” in vermicomposting) consume discarded grains, vegetables, and fruits. Their droppings are called castings, and worm castings are highly prized as fertilizer and soil amendment.
2. **Bokashi:** Specialist bacteria can ferment/pre-process citrus, dairy, and meats that the worms cannot.
3. **Black soldier flies:** Larvae of a stingless wasp (looks like a fly) that can consume all kinds of food waste; the adult form of the black soldier fly produces more larvae that are prized as sustainable and high-quality animal feed.



*Black Soldier Fly Larva work hard to eat food that can be difficult to compost in traditional methods.
Photo by SPP Staff.*

Western Pond Turtles

During most of 2021, this program remained suspended. However, SPP-Evergreen, WA Corrections, and partners put significant effort into planning program restart and redesign as described below.

The western pond turtle (*Actinemys marmorata*) is a state-listed endangered species and a federal species of concern. Led by [Washington Department of Fish and Wildlife \(WDFW\)](#) partners have been working toward species recovery since the late 1990s. At the start of recovery efforts, only about 150 turtles remained in the wild in Washington State.

In 2013, SPP joined the recovery effort specifically to assist with the rehabilitation of turtles afflicted with a “shell disease.” Partners for these programs include WDFW, [PAWS Wildlife Rehabilitation Center](#), [Woodland Park Zoo \(WPZ\)](#), and [Oregon Zoo](#) (OR Zoo). Affected turtles require a period of acute care provided by veterinarians. After receiving veterinary medical care, some turtles are moved to a prison to receive on-going care and monitoring provided by trained incarcerated technicians. As turtles complete their healing, they can be released back into the wild where they are monitored by WDFW.



A Western Pond Turtle with the shell disease is photographed to mark progress. Photo by Marissa Scoville.

This program previously operated at both Cedar Creek and Larch Corrections Centers. In spring 2021, SPP recommended, and all partners agreed that it would be best to consolidate turtle rehabilitation programs to care for all turtles at Cedar Creek. WA Corrections leaders at Cedar Creek made use of the time the program was suspended to move it to a more accessible location within the prison's secure perimeter. Throughout 2021, Cedar Creek and SPP-Evergreen staff invested considerable time planning the remodel and relocation of the program building, restocking program supplies, rewriting program procedures, planning with partners, and developing new educational content. The program area will accommodate treatment for up to 24 turtles sourced from both the Salish lowland and Columbia River Gorge populations. A new batch of treatment turtles are due to arrive at Cedar Creek in late winter 2022.

Table 17. Western Pond Turtle Rehabilitation at CCCC, August 2013 – December 2021

Year	Turtles Received	Turtles Released
2013	8	2
2014 ⁱ	28	28
2015	8 ⁱⁱ	6
2016	9 ⁱⁱⁱ	5
2017	4 ^{iv}	10
2018	9	9
2019	10	10

2020	11 ^v	11 ^v
2021	Suspended	Suspended
Total	87	81^{vi}

i Differs from reported 2016 totals due to the addition of previously missing data

ii 7 of 8 turtles were being re-treated

iii One of these was humanely euthanized due to a neurological abnormality

iv 3 of 4 turtles were being re-treated

v due to COVID, turtles were transferred back to PAWS rehabilitation center before being released

vi in 2017 4 turtles were sent back to PAWs for exams and 1 was euthanized see iii above

Table 18. Western Pond Turtle Rehabilitation at LCC, December 2015- December 2021

Year	Turtles Received	Turtles Released
2015	5	0
2016	11	9
2017	5	12
2018	11	11
2019	10	10
2020	9 ⁱ	9 ⁱ
2021	Program ended @ LCC	
Total	51	51

Sheep Conservation Program

Historically, bighorn sheep were widespread in western North America. By the turn of the 20th century, populations had dwindled to near extinction, and recovery efforts were needed to return them from the brink. Today, the biggest threat to bighorn sheep is pneumonia triggered by a bacteria called *Mycoplasma ovipneumoniae*, or *M. ovi* for short. The bacteria are commonly carried by domestic sheep and goats. Raising *M. ovi*-free domestic sheep could protect wild bighorn sheep from the devastating pathogen.

In 2015, WDFW introduced SPP leadership to the idea of a pilot program to breed *M. ovi*-free domestic sheep. Spring 2018 was the program's inaugural season. Program partners included WDFW, local sheep husbandry experts, and SPP partners at WA Corrections and Evergreen. All animals in the flock were tested for pathogen by [Washington State University](#) researchers prior to arrival and multiple times throughout each season.

This program was a pilot to test a process for providing a source of domestic sheep and goats free of the *M. ovi* pathogen. Despite great success with the husbandry aspects of raising and caring for the sheep at the prison, this program proved unreliable for producing the intended results related to pathogen transmission. There is simply more for scientists to learn about the *M. ovi* before determining an effective way to reduce the spread of this pathogen. We are grateful to all the partners who invested in this program and for their innovative approach to addressing this complex issue while providing education and training for incarcerated participants.

6. Restorative Nature Programs

SPP aims to bring nature inside prisons for its restorative benefits. Previously, SPP considered restorative nature programs to be those that focused on relieving the stress of prison environments for its inhabitants. We have since broadened our definition to include the added benefits of providing wildlife habitat. Scientific literature shows that when nature is available within institutional and urban environments, inhabitants experience many positive, therapeutic benefits. Less formally, the therapeutic values of SPP's programs have been recognized widely and consistently by both incarcerated and staff partners.

The [Nature Imagery in Prisons Project](#) team, led by SPP co-founder Nalini Nadkarni, found that even “vicarious” nature exposure (in the form of nature videos) has beneficial results for incarcerated individuals and staff in the area. Overall, SPP-Evergreen's influence on nature imagery programs has been reduced, and many of these specific initiatives have been suspended due to the COVID-19 pandemic.



*A bee visits a flower in the pollinator garden at AHCC.
Photo by WA Corrections.*

While all SPP programs are intended to offer positive contact with nature, the initiatives detailed below include enjoying nature and/or providing wildlife habitat as their primary functions. The table below aims to represent the status of various initiatives reported to us by WA Corrections.

Table 19. Restorative nature and wildlife habitat efforts, January 1, 2021 – December 31, 2021 (see [Appendix 3](#) for abbreviations)

Prison	Programs	Status & Highlights
AHCC	Pollinator plantings	Flowers were grown throughout the main courtyard for human & wildlife well-being; pollinator stations with bee-friendly plantings
AHCC	Nature imagery	Individuals in maximum security have access to nature videos
CBCC	Flower gardens	Continued upkeep of 500 perennials planted last reporting period
CCCC	Pollinator-friendly flowers	Planted ~12,000 annual flowers (grown from seed in facility greenhouses) around facility grounds
CRCC	Heritage and flower gardens	Garden designed by incarcerated individuals using native plants, which honor cultural and natural heritage of area and minimize water needs; continues to thrive and add visual beauty
CRCC	Land restoration	Restoration of native vegetation continues to thrive outside the fence; propagated and grew 11 native species

CRCC	Pollinator garden	4-acre garden for bees and other pollinators in minimum security portion of the prison
LCC	Bird feeders	Feeders throughout the facility; 2 new birdhouses were built and mounted on facility grounds
LCC	House plants	Nearly 300 houseplants in incarcerated living units, no new house plants were distributed during the reporting period.
MCCCW	House plants	All living units have houseplants and numerous staff have plants in their offices; plants continue to thrive
MCCCW	Bird boxes	20 bird boxes, 2 bird feeders
MCC-SOU	Nature Imagery	Information not available during this reporting period.
MCC – WSR	Bird habitat	Multiple bird houses and hummingbird feeders continue to thrive around Education Building and Gate 7
MCC – WSR	Flower gardens	Flowers gardens were grown, but bunnies ravaged the flowers and shrubs
OCC	Water features	1 living unit has a fishpond; the other has a fountain and basin
SCCC	Pollinator plantings	Pollinator plants & flowers were maintained and a new pollinator garden was created around the beehive area.
SCCC	Lifer garden	Large garden space dedicated to incarcerated men not eligible for parole
SCCC	Bird houses	Added 6 new birdhouses to the existing 42 throughout facility
WCC	House plants	Plants in all shared and staff areas; 456 house plants were donated in 2021 to Thurston Food Bank
WCC	Flower gardens	Flower plantings throughout the campus; began using thermal heating in raised garden bed greenhouses to improve efficiency
WSP-South Complex + MSU	Rental garden boxes	Raised bed gardens were on hold due to COVID.



Left: A bunny enjoys the flower gardens at MCC. Right: A birdhouse at MCC. Photos by WA Corrections.

7. Community Contribution Programs

Community contribution programs directly provide services and/or goods to nearby communities. They involve programs like training pets for adoption or service, donating crafts and products (firewood, quilts) derived from reclaimed materials, and providing services such as habitat restoration and thinning trees.

Typically, these programs are partnerships between prisons and community organizations that help organizations increase capacity and provide incarcerated individuals with opportunities to contribute to the world outside the fence. Most of these programs predate the formal SPP partnership and are operated without support from SPP-Evergreen. SPP-Evergreen's role is limited to acknowledging and supporting these partnerships and providing an overview of activities taking place statewide.

Overall, these programs were greatly impacted by the COVID-19 pandemic, and many were suspended until further notice.

Dog and Cat Programs

Prior to the pandemic, dog and cat programs were flourishing in prisons across Washington. Nearly all of Washington's prisons have one or more partnerships with community nonprofits for pet programs. Incarcerated individuals receive education and support from those partner organizations to provide excellent animal care and obedience training, grooming and boarding, and—in a few cases—service or therapy training. We have heard from incarcerated participants and staff that pet programs benefit all directly involved including prison and outside communities. Participants of these programs often describe working with dogs or cats as transformational.

Table 20. Dog and cat programs, January 2021 – December 2021 (see [Appendix 3](#) for abbreviations).

Prison	Program	Program Partners	Highlights
AHCC	Pawsitive dog training	Diamonds in the Ruff, SpokAnimal, Spokane Humane Society	This program was suspended during COVID, but AHCC hopes to restart this program and rebuild partnerships.
CBCC	Dog training and adoption	Welfare for Animals Guild (WAG!)	CBCC had dogs until June 2021 and classes until September 1, 2021. Due to COVID, the program was suspended.
CBCC	Cat program	Welfare for Animals Guild (WAG!)	In December 2021, the cat program was cancelled due to the handlers being moved to cells with sliding doors.
CCCC	Training dogs for veterans	Brigadoon Service Dogs	At the beginning of 2021, there were 5 primary trainers and 5 dogs. Due to COVID, the program dropped to 2 primary handlers and 2 dogs.
CRCC	Ridge Dogs	Benton Franklin Humane, Adam County Pet Rescue	27 dogs graduated from the program in past year. COVID paused the program for a portion of the year.
CRCC	Service dogs for veterans	Brigadoon Service Dogs	CRCC had 3 dogs in the program. This program was impacted by COVID.
LCC	Dog Adoption Program	Humane Society for Southwest WA (HSSW)	Program suspended due to COVID.

LCC	Cat Adoption Program	West Columbia Gorge Humane Society, HSSW	Program suspended due to COVID.
MCC – TRU	Dog training and adoption	Summit Assistance Dogs	Program suspended due to COVID.
MCCCW	Pawsitive Prison Project	Kitsap Humane Society	22 cats were adopted during the reporting period. COVID restricted this program. Over 900 cats adopted since 2006.
OCC	Dog training and adoption	Olympia Peninsula Humane Society	Program suspended due to COVID; hope to start again in 2022.
SCCC	Dog training and service dogs for veterans	Brigadoon Service Dogs	17 dogs, 5 of which went on to be service dogs, were adopted.
WCCW	Prison Pet Partnership	Self-supporting	Program suspended due to COVID.

Reclaim, Repurpose or Restore, and Donate Programs

Consistent with the earliest days of SPP programs, WA prisons strive to “throw nothing away,” to transform potential refuse into something of value. In some cases, these programs’ creations directly meet an organization’s need: donating quilts to a housing shelter, refurbished computers for schools, and growing produce for food banks. In other cases, programs donate handmade or restored creations for organizations’ fundraising events. These programs are best illustrated by statewide numbers (below). These numbers are likely under-represented due to facility staffing constraints during this reporting period.

Table 21. Community contribution programs statewide, January 2021 – December 2021 (see [Appendix 3](#) for abbreviations).

	Reported Statewide Totals (approximations)	Highest Impact Facility
Produce grown	51,845+ lbs. to food banks & prison kitchens	WCC: 32,502 lbs.
Crafts & furnishings from reclaimed materials	3,711 items donated	WSP’s Sustainable Practices Lab (SPL): 2,300 items
Refurbished bicycles and wheelchairs	1,165 repaired and donated	MCC-WSR: 836
Refurbished computers	11,811 computers, parts, and laptops	AHCC: All
Firewood	300 cords prepared for donation	AHCC: All



Left: Bicycles repaired at MCC-WSRU and ready to be delivered to local charities; Right: Wheelchair repair workshop at MCC-WSRU. Photos by WA Corrections.

Table 22. Community contribution programs to reclaim, repurpose, restore, or donate, January 2021 – December 2021 (see [Appendix 3](#) for abbreviations).

Prison	Programs	Program Partners	Highlights
AHCC	SPL: Quilting	Blessings Under the Bridge, AHCC Medical End of Life Patients, Catholic Charities of Eastern Washington	Program suspended due to COVID.
AHCC	Computers 4 Kids	Office of the Superintendent of Public Instruction, WA Department of Enterprise Services	Refurbished 1,624 Desktops, 431 monitors, 785 laptops, and portions of 8,971 that went back to surplus due to damage or age were recycled for usable parts.
AHCC	Firewood donation	Spokane Neighborhood Action Partners (SNAP)	In the past year, AHCC prepared 300 cords of firewood for donation.
AHCC	Gardens, main and minimum	Master Gardeners, Ronald McDonald House, Shriners Children's Hospital	Limited ability to grow produce due to COVID restrictions and poor air quality from forest fires; grew a small amount of produce that was incorporated into the menu and grew pumpkins that were donated to charities.
CBCC	Vegetable gardens	Clallam Bay Food Bank	Donated 1,626 lbs. produce to the Clallam Bay food bank; 137 lbs. were donated to the CBCC kitchen.
CBCC	Ozette potato program	Local tribes	CBCC Greenhouse Crew donated 211 lbs. and 40 lbs. of potatoes were donated through the Ozette Potato Program to the Makah Tribe.

CCCC	Gardens	Centralia College, Littlerock School District	6,000 lbs. of produce grown.
CRCC – MSU	Gardens, Minimum		Grew 1,500 lbs. of produce, ~72% of produce grown was donated to local food banks.
CRCC – Main	Gardens, Main	Harvest Now	Grew and donated 1,500 lbs. of produce to local food banks.
CRCC	Teddy bears from reclaimed materials	Hospitals, API events held at CRCC, ARC of Tri-Cities, Franklin County Sheriff's Office	Program suspended due to COVID.
LCC	Wood craft donations	Friends of the Carpenter, Skamania Fly Fisher's Assoc.	Created and donated 15 wood projects to state's CFD, donated 4 projects to the Duwamish tribe and several others for state worker's retirement and to programs for incarcerated individuals.
MCC – WSR	Gardens		Program suspended due to COVID.
MCC – WSR	City of Monroe public flowers	City of Monroe donates seeds and soil	Grew over 3,400 flowers for city flower beds.
MCC – WSR	Vegetable gardens	CI Food Services donated seeds	Produce was grown and donated to local food banks. Due to staff turnover, weights were unavailable.
MCC – WSR	SPL Bicycles from Heaven	Bikes donated by Snohomish County Sheriff, Monroe PD, Marysville PD, Everett PD; donated to Snohomish County Boys & Girls Club and the City of Sultan for National Night Out	Restored and donated 189 bikes to local clubs and nonprofits.
MCC – WSR	SPL Wheelchair program	Wheels for the World, Joni & Friends	617 wheelchairs restored and shipped to Haiti, Peru, and within the USA.
MCCCW	GRACE (Gardening for Restoration & Conservation Education) Project	Kitsap Conservation District, Central Kitsap Foodbank	Program suspended due to COVID.
MCCCW	Vegetable gardens	North Mason Food Bank	720 ft ² of garden space, grew 632 lbs. of produce: 266lbs. donated to food bank, 366lbs., used by for prison kitchen.
OCC	Wood shop	Quileute HS scholarships, Cherish our Children, Forks Lions Club, CASA, Quillayute Valley School District, Relay for Life, Forks Chamber of Commerce, Timber Museum, Calm Waters	Donations have remained active with items going to Cherish Our Children, Quillayute Valley Scholarship Auction, Combined fund drive at both OCC and DOC HQ, Calm Waters, Soroptimists, City of Forks, Forks Chambers of Commerce, Forks Visitors Center, Forks Timber

		and Forks Soroptimists; wood from Westport Shipyard and OCC Community Crews (DNR)	Museum and Forks Lions Club. A total of 260 items were donated.
OCC	Vegetable gardens	Peninsula College, Sunshine and Rainbows Child Development Center, Quileute Tribe	Grew and donated ~3,000 lbs. of produce to Forks Food Bank.
SCCC	Gardens and greenhouses	Coastal Harvest Food Bank, Harvest Now	20,582 lbs. grown; 13,757 lbs. donated to Coastal Harvest; 3,190 lbs. used in the SCCC Kitchen.
SCCC	Bicycle Repair	Lions Club	59 bikes repaired and donated in the past year.
SCCC	Wheelchair Repair	Wheels for the World	111 wheelchairs repaired; 220 wheelchairs and 50 walkers shipped to Nigeria.
SCCC	SBU Knitting Class	Family Promise	47 miscellaneous sized hats, 5 scarves, 1 washcloth, 1 pair of mittens, 40 bracelets, and 40 necklaces were donated.
SCCC	COVID-19 Community Fundraiser	Beyond Survival for victims of sexual assault	Fundraiser of Chinese food and soda raised \$7,545; 40% of which went to the local Beyond Survival organization. The remaining 60% went to the Sustainability account to support sustainability programs for incarcerated individuals.
WCC	Plant starts	Thurston County Food Bank	456 houseplants were donated to the Thurston County Food Bank.
WCC	Vegetable gardens	Hoodsport Food Bank, Matlock Community Church, Thurston County Food Bank, Saint Pantry Food Bank	Despite a difficult growing season, 10 incarcerated individuals grew 32,502 lbs. of produce! 67% was donated to local food banks.
WCC	Shoe and clothing repurposing	CI	Program suspended due to COVID.
WCCW	Gardens and greenhouses	Tacoma CC, WSU Extension, Pierce County	26 students were enrolled in Horticulture and 5,000 lbs. of produce were harvested for WCCW's kitchen.
WCCW	Sisters of Charity: quilts, fabric crafts, wildlife rescue	Community members donate supplies; various charities receive items	Created and donated 50 quilts.
WSP	Gardens and greenhouses: Institutional Sustainability Garden	Donated to Blue Mountain Action Council and New Beginnings	Donated 3,800 lbs. of produce and 1,000 starter plants to local schools.
WSP – SPL	Overview of numerous SPL programs	Receive materials donations from partners; donated to 550 charities since start of SPL in 2012	Donated 2,300 items to non-profits and charities.

WSP – SPL	SPL: Wood Shop & Wood Carving		1,300 items were created and donated to nonprofits and charities.
WSP – SPL	SPL: Furniture Repair		Institutional furniture was repaired and reused.
WSP – SPL	SPL: Art Program	Various non-profits partners	Several paintings were donated to various charities. Paintings were made from pallet wood and prison bedsheets for canvas.
WSP – SPL	SPL: Quilting		Program suspended due to COVID.
WSP – SPL	SPL: Green Zone		3,800 lbs. of produce donated to local food banks. Farm to school still operated this year with the local school districts, and SPL supplied 1,000 starter plants.
WSP – SPL	SPL: Water treatment systems	Project 41, Ohio State University, Duke University, Suez, Worldwide assist, Assist International	Program suspended due to COVID.



Left: Beautiful yellow squash harvested at AHCC; Right: Pumpkins grown and harvested at AHCC being loaded up for delivery to Ronald McDonald House and Shriners Children's Hospital. Photos by WA Corrections.

Community Work Crews

Many incarcerated residents of minimum-security prisons (LCC, OCC, MCCCW, and CCCC) and units (Minimum Security Unit = "MSU") work on offsite crews providing services on public lands and community organization sites. The pandemic greatly limited the work of these crews, and many of them shifted to working within the prison grounds instead.

In all, it is estimated that 443 incarcerated individuals were employed in these crews during this reporting period. With so many programs statewide, SPP still has much to learn about if and how these programs fit the SPP model. Reported details are shown in the table below.

Table 23. Community work crew special projects, January 2021– December 2021 (see [Appendix 3](#) for abbreviations).

Prison	Programs	Program Partners	Highlights
AHCC	Forestry	DNR	Crews work various timberlands including State Parks, regional parks, and private lands. Crews participate in providing firewood to lower income citizens and careful planning and management of forest lands to aid in conservation of natural resources and prevent fires.
CCCC	Forestry	DNR	Off-site crews trained in and practice re-forestation, wood-cutting, land clearing, and forest firefighting and fire prevention. Crews were dispatched to numerous fire projects and local wildfires, receiving recognition and appreciation from community members for their efforts.
CCCC	Community work	Multiple agencies	Offsite crew time was limited due to COVID, however CCCC crews worked 8,737 hours for different agencies. They helped clean small cities and towns, maintain parks, pick up litter, maintain school grounds, sport complexes, college campuses, and Thurston County Fire Department.
LCC	Forestry	DNR, USFS, Ecology	Crews planted ~416,000 trees across 1,200 acres. Crews were also dispatched to 19 wildfires. Other services include forest fuel reduction, litter clean-up, and trail and campground maintenance.
LCC	Community work	Multiple agencies	This program was mostly suspended due to COVID. Though crews did manage to work 12,587 hours.
MCCCW	Conservation crews	Multiple nonprofits and agencies	Program suspended due to COVID.
MCCCW	GRACE Project	Kitsap Conservation District, Central Kitsap Foodbank	Program suspended due to COVID.
OCC	Community Crew	DNR, other agencies	Program suspended due to COVID.
OCC	Forestry	DNR, other agencies	Off-site crews trained in and practice reforestation, wood-cutting, land clearing, and forest firefighting and fire prevention.
WSP – MSU	Community crew		Due to COVID-19 restrictions, work crews have been working on facility grounds for maintenance and landscaping.

8. Sustainable Operations

Sustainable Operations programs statewide are managed by a dedicated WA Corrections' Sustainable Operations Manager (also author of this section); this position was created by WA Corrections to monitor and reduce the environmental, economic, and human costs of prisons. Sustainable operations initiatives include greenhouse gas emissions, energy, waste, and potable water use reductions. Overall, COVID-19 significantly disrupted sustainable operations programs. Statewide recycling efforts have continued to be slowed or halted. Progress on other fronts, including greenhouse gas emissions, energy, and potable water use reductions remained consistent and benefited from concentrated attention on program development. The following section provides updates on recent sustainable operations initiatives.

Partnerships

Opportunities to Collaborate on Sustainable Operations and Energy Reductions

WA Corrections continues to support work with the State Efficiency and Environmental Performance (SEEP) Office. DOC participates in several of SEEP's work groups, as well as the Guidance Council and Governing Council. The results over the past year include collaborative processes, policy work, and funding requests with other state agencies to move forward the work of greenhouse gas emissions and toxics reductions. It has been a rewarding and productive partnership.

Sustainable Corrections Infrastructure Partnership

WA Corrections committed to the Department of Energy's Better Buildings Sustainable Corrections Infrastructure Partnership (SCIP) Accelerator in 2020 and continued participation in 2021. SCIP is a voluntary initiative to partner with state governments interested in accelerating energy and water efficiency, renewable energy, storage technologies, and energy management in their public correctional facilities while maintaining the sector's priorities of security and resilience.

Over the next two years, WA Corrections will strive for portfolio-wide energy savings of 20%. WA Corrections also aims to reduce operating and maintenance costs by identifying and demonstrating solutions that leverage energy and water efficiency and renewable energy and storage technologies. WA Corrections is working on three project areas and receiving technical assistance from the Department of Energy. Initial project areas focus on utilizing renewable energy and storage technologies to reduce the operational and maintenance cost of our facility Uninterrupted Power Supply (UPS) systems while increasing the facilities' resiliency.

Program Foundations and Planning

New Asset Management Program and Sustainability Database and Reporting System

During the past year, Asset Planner, a sustainable operations management system, has been deployed at all major DOC facilities. All facilities are using asset planning, project planning, energy and sustainability data, preventative maintenance, and service requests. Having access to these tools integrated into a single program allows facilities to maximize efforts in sustainability. Facilities can use this information to see how routine maintenance and preventative maintenance inherently improve infrastructure sustainability.

Building audits were conducted to create a facility condition index (FCI), which serves as an indicator of condition for individual buildings. FCI is a percentage of the costs of deferred maintenance projects divided by the building's current replacement value. An FCI of 10% was established as an asset sustainability target for WA Corrections. This allows for building renewal and preservation planning so that buildings can be operated more efficiently.

Building managers can use the energy and sustainability data to generate energy use intensities (EUIs) and relate it to FCI. This helps managers develop scoping action plans for building energy tune-up projects. This should result in higher performing buildings with increased energy efficiency, lower operating costs, and improved indoor environmental quality. This level of building management will also help us in our efforts to meet goals in greenhouse gas emissions, energy, and water use reductions.

Vehicle Fuel Use Reductions

New Fleet Manager Position

The department created a new Fleet Manager position. This position is critical to achieving the agency's goals of reducing vehicle fleet fuel usage and increasing the installation of electric vehicle charging stations at all owned and leased facilities. Over the past year the new fleet manager has been active in planning and prioritizing fleet reductions and transitions to electric vehicles as funding and business needs allow.

Energy

During this reporting period, WA Corrections focused heavily on energy project planning and development. Several energy audits were completed, and energy conservation projects are underway. Summaries of the main projects follow.

LCC Biomass Boiler Project: Phase one of a project to convert Larch Corrections Center from a diesel fueled central plant to biomass is nearly completed. LCC is currently heated with an outdated and failing fuel oil hot water heating system. Two out of three boilers in the central plant failed and the underground hot water distribution system was experiencing significant leakage. The first phase of this major energy and greenhouse gas emissions reduction project replaced the leaking hot water loop and installed the backup boiler and connection point for the biomass boiler. The biomass boiler is a modern, efficient wood energy system, to be installed in phase 2 of the project beginning the summer of 2022. LCC currently uses about 74,000 gallons of fuel oil per year. The installation of the commercial production biomass boiler and fuel handling system will result in annual usage of significantly less fuel oil (2,470 gallons) and 759 tons of wood fuel locally sourced from forestry by-products. This project will also reduce the facility's net greenhouse gas emissions from heating by 461 metric tons per year (91%). It will be the first of its kind among state facilities in Washington, providing a leading example for agencies pursuing state greenhouse gas reduction goals. The project will also provide a valuable market for local forestry byproducts, supporting the beneficial use of these byproducts and reducing forest fire risk. WA Corrections received \$750,000 in grant funding for the project and applied for additional funds to fulfill funding needs.

Clean Buildings Legislation: The objective of the new Clean Buildings Legislation is to lower costs and pollution from fossil fuel consumption in the state's existing buildings, especially large commercial buildings. This legislation requires building owners to take action now to meet energy use standards and targets by 2026. Building owners must demonstrate proof of progress towards compliance with the new standards or risk a financial penalty. To this end, WA Corrections conducted an initial survey prioritizing the facility investment needs to meet the legislative requirements. The Department completed an audit to develop a metering installation and funding plan for all campuses. The Department is working with the State Efficiency and Environmental Performance (SEEP) office on the development of an Energy Management Plan guidance document and template to facilitate an efficient, effective response to the goals supported by this legislation.

Continued energy reduction work with the Pacific Northwest National Laboratory: Serving in a technical advisor role for WA Corrections, the Pacific Northwest National Laboratory (PNNL) is assisting WA Corrections to set up an advanced building control system program. This program will provide guidance to establish standardized and modern control systems for efficient system sustainment and advanced control strategy deployment. Furthermore, the standardized control system platform will enable opportunities for WA Corrections to leverage PNNL's expertise in developing advanced data driven solutions tailored for WA Corrections facilities. PNNL is also assisting in developing a retuning training program to ensure WA Corrections has the in-house expertise needed to optimize building control system capabilities under development. To kick off the returning training program, PNNL is leading a series of technical workshops with facilities maintenance staff which will result in significant energy savings and improved engagement of staff.

PNNL, in collaboration with WA Corrections, also developed a Strategic Energy Management Plan. The Energy Management Plan is a key component of meeting the requirement of the Clean Building Act. WA Corrections will update and use Energy and Management Plan to guide and advance efficiency, cost reduction, and climate mitigation goals for years to come.

9. Sustainability Job Programs

The list included in the table below shows WA Corrections sustainability job program placements during this reporting period (data provided by WA Corrections staff's OMNI system). These job programs represent work involving sustainability, science, and contact with non-human nature documented and reported by WA Corrections staff. Many of these programs included little-to-no input from SPP-Evergreen partners. This table also leaves out some sustainability jobs that have been coded in a non-sustainability category (e.g., technicians working on composting and aquaponics at SCCC and electricians who install energy efficient fixtures).



A Cedar Creek aquaponics technician watches the fish. Photo by SPP Staff.

Approximately 2,029 incarcerated individuals held sustainability-related jobs during this reporting period, which is approximately 16% of the 13,085 people incarcerated in WA prisons in December 2021. Additional individuals “volunteer” in sustainability programs, and their work is not captured here; known reasons for declining the job status relate to COVID-19 restrictions, changes in sentencing structure, having another work or program assignment, short duration of program duties, or limits on monthly pay.

Table 24. Sustainability Job Programs in WA Prisons, January 1, 2021 – December 2021

Note: Does *not* include “volunteers” (see above) and students (see [Education](#)).

Sustainability Job Program	# of Sites	# of Individuals
Aquaponics	1	2
Bee Conservation Tech / Class Facilitator	6	65
Bicycle Repair	1	1
Bike & Wheelchair Repair	2	5

Butterfly Rearing Tech	1	11
Cat Handler	4	38
Community Work Crews (includes 13 Clerks)	9	443
Compost Worker / Food Waste Recycler	1	5
Computer Refurbishing	1	11
Cultural Crafts Program	1	5
Dog Handler (includes service trainers)	12	114
Dog Walker	4	21
Forestry I Worker	4	536
Forestry II Worker	1	18
Gardening, Organic	1	70
Horticulture I Worker	9	132
Horticulture Worker II	3	25
Prairie Plant Conservation	3	51
Re-Use Fabric-Sustainable / Quilting	2	23
Recycling Worker / Recycling & Reclamation	13	343
Root Of Success Trainer	3	12
Sheep Farming	1	11
Sustainability Worker / Clerk	3	30
Turtle Technician	2	9
Waste Treatment Operator I	3	10
Waste Treatment Operator II	2	16
Worm Farm Worker / Vermiculture	3	22
TOTAL		2,029

10. Research and Evaluation

Program evaluation and research involving people in prisons is resource intensive and requires extensive review and approval given their federal status as a “vulnerable population.” This section provides updates on evaluation occurring in SPP programs, research with external partners, as well as SPP involvement in graduate student theses.

SPP-Evergreen Program Evaluation

With WA Corrections Research and Data Analytics (RDA) staff support, SPP-Evergreen has regularly conducted quality assessment surveys with two types of program participants: Environmental Workshop Series students and Ecological Conservation technicians. Survey collection in these programs is not considered research, as they represent assessments of program quality that are used to create improvements. Unfortunately, almost all surveying in SPP programs is suspended due to pandemic restrictions. The survey data collected in SPP-Evergreen programs thus far has not yet been analyzed.

On a biennial basis, SPP-Evergreen analyzes data related to demographics and recidivism for three sets of SPP program participants: Roots of Success instructors, Roots of Success graduates (students), and Ecological Conservation technicians. This data was previously analyzed and reported in the SPP FY19 Annual Report. While 2021 would have been year that SPP conducts a data request, SPP decided to postpone for a year until DOC Leadership has capacity to assist us with this data request. We plan to conduct a data request and analysis in 2022. For more information on the previous findings, see <http://sustainabilityinprisons.org/resources/spp-results/>.

Research with External Partners

SPP continues to assist Dr. Nalini Nadkarni with research surrounding the effects of nature on individuals. This year’s work focused on the effects of nature on scientists. In late 2021, a manuscript was successfully submitted to *BioScience* titled *Reversing the Lens on Public Engagement with Science: Positive Benefits for Participating Scientists*. An academic paper based on this research is set to be published in 2022.

Institute for Human-Animal Connection

Since the 2020 Annual Report, Dr. Kevin Morris with the [Institute for Human-Animal Connection](#) at Denver University (DU) and student researchers successfully published *Measuring the Psychological Impacts of Prison-Based Dog Training Programs and In-Prison Outcomes for Inmates (2020) in The Prison Journal*.

SPP continues to develop research with Dr. Kevin Morris and will also be teaming with Dr. Jennifer K. Wesley with the Department of Criminology and Criminal Justice at the University of North Florida. Researchers plan to dive deeper into the effects of other living animal programs on incarcerated individuals. Research will continue to focus on programs like dog training but may expand to conservation programs. The team plans to conduct research in both Washington and Florida. SPP plans to support by connecting researchers with dog program leaders across the state.

Student Theses

Master of Environmental Studies student Shohei Morita completed his thesis examining empowerment theory in a prison context and how students' empowerment is affected by participating in environmental education programs. Incarcerated individuals acted as advisors on the thesis. After working with the advisors, Shohei conducted semi-structured interviews with formerly incarcerated individuals who participated in environmental education programs during incarceration. Results suggested that participating in environmental education empowered individuals. This empowerment occurred primarily on an individual level rather than an organizational or community level. The evidence ultimately suggested that prison-based environmental education can be a significant platform for empowerment. To learn more about Shohei's research, visit:

<http://collections.evergreen.edu/files/original/806479742a37e59ac9bcf160bff4e2c3b48fac5b.pdf>



Shohei Morita assists with honey extraction at WCC. Photo by Jen Bass.

Environmental Education MS student (Southern Oregon University) Annie O'Shea approached SPP in early 2021 expressing interest in researching how MES student coordinators working with SPP may be affected by their work with the organization. Annie was interested in interviewing former coordinators to see how their time at SPP affected their career choices, opinions on environmental education in prisons, and perceptions of environmental education and social justice. Due to unforeseen circumstances, Annie made the difficult decision to discontinue the project. However, Annie graciously offered her interview questions to SPP for future researchers. We hope to see this research picked up by another graduate student in the future.

11. SPP Network

Due to the COVID 19 pandemic, SPP had significantly less contact with network connections during this reporting period. We maintain high value for connectivity to improve programs and increase access to education.

SPP in Washington State

Staff at SPP-Evergreen maintained contact with all Washington state prisons during the January – December 2021 reporting period. With the exception of OCC, every prison in WA hosts one or more programs coordinated by SPP-Evergreen including [beekeeping](#), [Roots of Success](#), and [ecological conservation](#) programs. Posted below is a summary of SPP-Evergreen’s new and project-specific contacts within the state.

Table 25. SPP-Evergreen's significant contacts in Washington State, January – December 2021.

New and Project-Specific Contacts	
Organization	Interest in SPP
Olympia Community Solar	Interested in providing educational materials and training on solar energy
Defenders of Wildlife	Connected through role with WDFW advisory council; asked about DEI issues related to SPP and Sagebrush proposal; now interested in removing barriers to employment and education for careers in conservation; planning for ongoing collaboration
Seattle Tilth	Reviewing Composting Modules
Sally Brown and Chuck Henry, UW	Reviewing Composting modules and advising on outline
Lily Raabe, Olympia Community Theatre	Activity building advising for Composting Curriculum

SPP Nationally and Internationally

SPP is recognized by other countries, states, and counties for leadership in environmental education and nature programs in prisons. New interest and involvement in SPP-model programs continues, and ongoing relationships and learning exchanges are flourishing. While the “SPP Network” is less formal than in years past, the number and significance of contacts continues to expand.

In this reporting period, we received or provided information and/or resources with at least 23 organizations and individuals. The table below provides a summary, and national interest in SPP-model programming is also summarized in Figure 3.

Table 26. SPP-Evergreen's national and international contacts, January – December 2021 (see [Appendix 3](#) for abbreviations).

New and ongoing contacts: Title/profession, organization	Topics Discussed with SPP	State	Country (if not USA)
Professor of Practice/Founder, Arizona State University/ SciStarter.org	Incorporating citizen science in SPP work	AZ	

UC Davis Center for Community and Citizen Science	Collaboration to increase access to conservation education and citizen science	CA	
Insight Garden Program	Collaboration to increase access to conservation education and citizen science	CA	
Impact Justice	Collaboration across state corrections education systems	CA	
Boston College and Ecologies of Justice Conference team	Collaboration w/Boston College, Yale University organizations & researchers across the country bringing science, nature & sustainability programs into prisons; SPP co-sponsor & part of conference planning team	MA	
Project Manager, Unconditional Freedom	Interest in developing and implementing SPP-style programs in CA correctional facilities	CA	
Co-Founder/Director of Operations, Blooming Health Farms	Aquaponics in youth corrections	CO	
PhD Student, University of Denver	Assisted by SPP for research at Institute of Human-Animal Connection	CO	
Director, Institute for Human-Animal Connection, U of Denver	Studying impacts of pet & conservation programs in prisons	CO	
Professor, Department of Criminology & Criminal Justice University of North Florida	Studying impacts of pet programs in prisons	FL	
Illinois DOC	Interested in gardening programs in facilities to improve access to fresh produce	IL	
Professors, Stetson University	Learning about foods studies course offered by Stetson and sharing info re:SPP gardening curricula	Florida	
New Jersey DOC	Interested in Beekeeping Programs for NJ DOC facilities	NJ	
LoveLoud Foundation	Partnering with SPP to develop and launch composting programs in Nevada prisons	NV	
Outreach Coordinator, Sustainable Westchester	Consortium of 44 local governments in Westchester County, New York to address issues in environmental sustainability; expanding transparency within workforce development programs for career entry into renewable energy, but would like to gain insight to effectively provide these resources to our County's Department of Corrections	NY	
DStudio, Founder	Implement SPP Style programs in OK	OK	

Graduate Student, Lewis & Clark College	Talked with KB about an advocacy project she's working on. Attempting to create a program for folks nearing release from prison to work in community gardens with members of the broader community as a way to help with the transition from incarceration to life outside prison.	OR	
Graduate Student Southern Oregon University	Helped design thesis research project	OR	
Undergraduate student, Middlebury College	Using SPP as a resource for senior thesis on food justice and prison agriculture operations	VT	
Graduate Student, James Madison University	Interested in SPP programs and the benefits of nature	VA	
FINE (Farm to Institution New England)	Information sharing for challenges and successes of garden to kitchen on the East Coast.	VA, MA	
Landscape Coordinator	Interested in sustainable practices and horticulture in prisons, growing fresh produce in prisons	VA	
Director, Impact Life Centre	Asking about WSP's water filter project		Zimbabwe

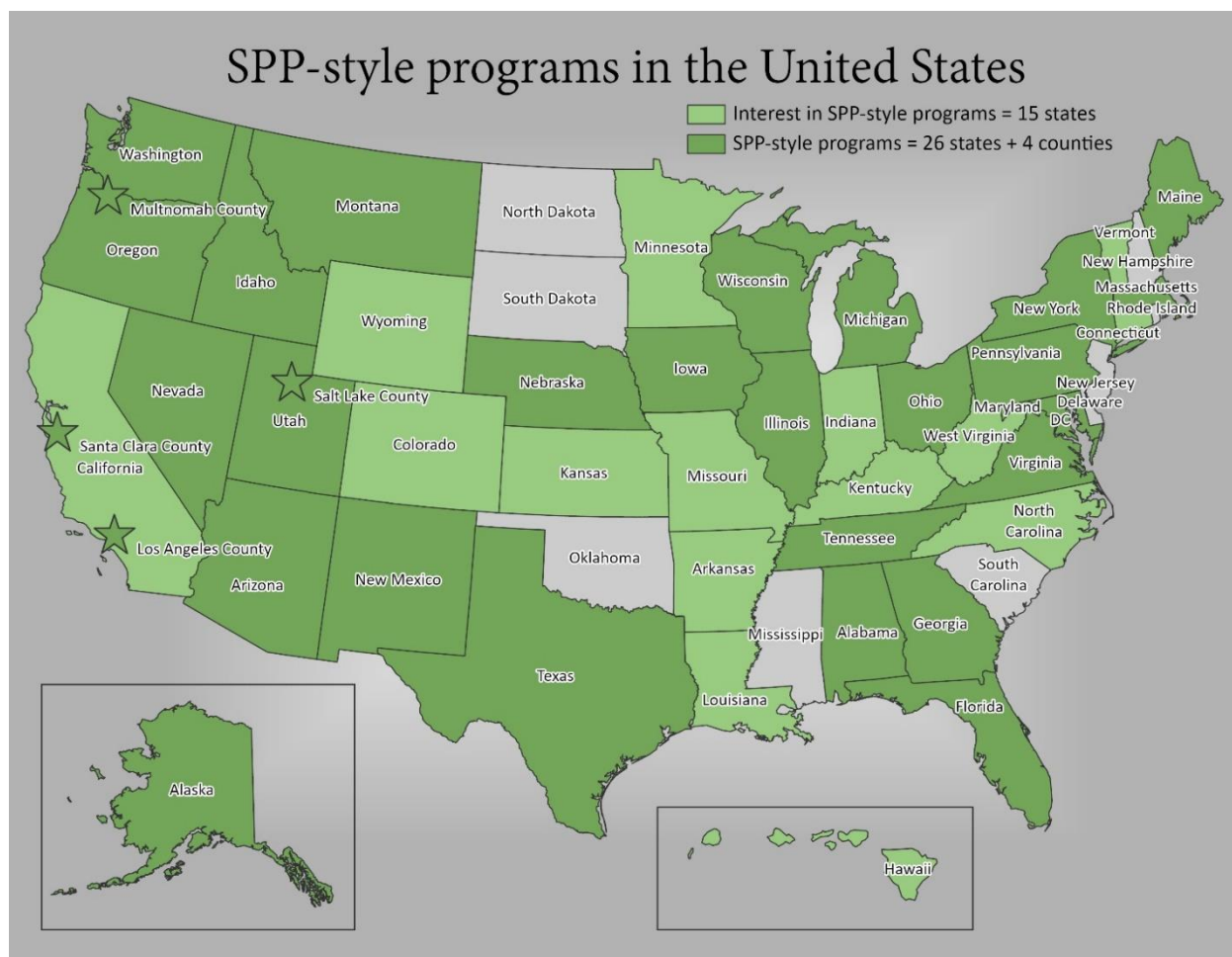


Figure 3. Prevalence of SPP-style programs nationwide.

12. Dissemination

Presentations

In this reporting period, SPP staff at Evergreen (SPP-Evergreen) presented at a variety of venues to highlight specific programs or represent SPP as a whole. A summary of our presentations is represented in Table 27; this table excludes presentations within established programs. Overall, the number of presentations was significantly less than usual, due to event cancellations during the COVID-19 pandemic.

Table 27. SPP-Evergreen Presentations, January – December 2021 (see [Appendix 3](#) for abbreviations).

Date	Presenter(s)	Title	Venue
03/19/2021	Kelli Bush, Steve Sinclair, Carolina Landa	SPP: Developing transformative partnerships for people and ecosystems	Conference on Social and Ecological Infrastructure for Recidivism Reduction - Sponsored by NSF and Yale
06/10/2021	Kelli Bush	SPP Updates & DOC Contract	The Evergreen State College Board of Trustees
06/15/2021	Kelli Bush, Emily Passarelli, Shohei Morita, Erica Benoit	SPP Information Session for Evergreen MES Program	The Evergreen State College
06/15/2021	Kelli Bush, Shohei Morita	SPP Beekeeping	Interview about beekeeping with author Tierney Monahan
08/24/2021	Kelli Bush	Overview SPP at Evergreen	Evergreen Institute for Climate Action and Sustainability
09/16/2021	Kelli Bush, Emily Passarelli	SPP and Education	WA State Board of Community and Technical Colleges meeting
10/12/2021	Kelli Bush	Environmental Education in Prisons: Programs for Human Wellbeing & Ecosystem Health	University of Washington Nature and Health Conference
11/29/2021	Kelli Bush	SPP Overview & Ecological Conservation Programs	University of Washington Restoration Ecology class
12/01/2021	Kelli Bush	SPP Overview	Evergreen Academic and Career Advising

SPP Tours

Prior to the COVID-19 pandemic, SPP-Evergreen staff and WA Corrections staff at each facility regularly hosted visitors interested in SPP programs. Due to no-visitor policies for most of 2021, no tours occurred during this reporting period.

Academic Publications, Projects, and Internships

Academic Papers

A journal article authored by Dr. Nalini Nadkarni et.al. on the effects of virtual nature experiences on incarcerated men was published in *BioScience*. Another journal article written by Dr. Kevin Morris with a team from University of Denver published in *The Prison Journal*. Additional details provided in the [Evaluation](#) section.

Graduate Student Theses and Capstones

During this reporting period, SPP-Evergreen supported Master of Environmental Studies graduate student, Shohei Morita, in academic work to satisfy his degree.

See [Student Theses](#) for further details. SPP-Evergreen also provided informal support to several additional students, some of whom are described in the same section.

Media Coverage

During this reporting period, no media visits or interviews were allowed with corrections staff or incarcerated program participants. The table below includes all of the media pieces that SPP-Evergreen staff tracked during the reporting period.

Table 28. SPP Media, January – December 2021

Date	Paper/Source	Author	Title
04/19/2021	PBS – Nova Next	Christina Couch	Meet the scientists building a prison-to-STEM pipeline
05/26/2021	The Courier Herald	Jeff Antonelis-Lapp	More feel good stories about Mount Rainier All Things Mount Rainier
June 2021	Ecopsychology (journal)	Nalini Nadkarni, et al.	Providing Virtual Nature Experiences to Incarcerated Men Reduces Stress and Increases Interest in the Environment
2021	Journal of Criminal Justice	Tyler M. Han, Erin Flynn, Riann Pena, & Kevin N. Morris	Measuring the Psychological Impacts of Prison-Based Dog Training Programs and In-Prison Outcomes for Inmates (2020)

Outreach

During this reporting period, SPP posted 6 blog posts (<http://sustainabilityinprisons.org/blog-galleries/blog/>) to the SPP website (sustainabilityinprisons.org). The blog posts are summarized in the table below.

Table 29. Most SPP blog posts, January – December 2021.

Title	Author	Date
Adapting During Challenging Times: A Check-In from SPP	Erica Benoit	02/23/2021
Highlighting the Many Successes of Nichole Alexander	Erica Benoit	04/19/2021
Welcoming Emily Passarelli to the SPP Team	Erica Benoit and Emily Passarelli	06/10/2021
Susan Christopher's Lasting Impact	Erica Benoit	09/24/2021
SPP Bees Preparing for Winter	Jennifer Bass	10/22/2021
Foundation of Gardening at LCC	Jennifer Bass	12/30/2021

SPP's main outlets for social media include Facebook (facebook.com/sustainabilityinprisons/), Twitter (twitter.com/SPP_WA), and Instagram (instagram.com/sustainabilityinprisons/).

The SPP Facebook page gained 65 Page Likes in this reporting period, bringing the Total Page Likes to 2,091. During this reporting period, we made 58 posts on Facebook that received over 3,800 likes, shares, and comments. The most popular posts are summarized in the following table.

Table 30. Most popular Facebook posts, January – December 2021.

Subject	# People Reached	# Likes, Comments, Shares	Date
New Hire for Education and Outreach Manager: Emily Passarelli	516	88	05/14/2021
Blog Post on Nichole Alexander and her many successes	136	122	04/20/2021
Blog Post on Susan Christopher’s self-reflection	291	100	10/05/2021
Post Share: Grady Mitchell’s Wise Words	373	23	02/08/2021
Post Share: Representative Tara Simmons shares that Governor Jay Inslee signed HB 1078 into law	372	44	04/08/2021
Giving Tuesday Post	354	28	11/20/2021
Give Something Back Opportunity	349	10	05/07/2021
Blog Post: Clark College, HS+, and Foundation in Gardening	338	20	12/30/2021
Solar Education Resources shared in prisons	430	40	04/02/2021

Appendix 1. SPP Programs in Washington State Prisons, January 2021 – December 2021

We reported on **141** SPP programs in Washington State’s 12 prisons this year; see list below. Some additional programs were in development during the reporting period and are not indicated here. Programs suspended due to COVID-19 are notated below and have plans to resume normal operation in the future. For links to programs, partner organizations, and highlights for each program, see <http://sustainabilityinprisons.org/spp-programs-in-wa/>.

SPP Programs reported by all 12 WA prisons (see [Appendix 3](#) for abbreviations).

*Suspended due to COVID-19.

Airway Heights Corrections Center (AHCC)

Roots of Success*
Beekeeping
Gardens: Main
Gardens: Minimum
Flower gardens
Pollinator plantings
Large-scale composting
Waste sorting & recycling
Worm farm: Main
SPL: Quilting*
Computers 4 Kids
Pawsitive dog training – prison program*
Sawyer community work crew/firewood donation
Forestry
Nature Imagery
Reclaimed Water System

Clallam Bay Corrections Center (CBCC)

Roots of Success*
Beekeeping
Vegetable gardens
Flower gardens
Ozette potato program
Waste sorting & recycling
Dog training and adoption
Cat program
Water catchment
Waste water treatment
Farmers Market

Cedar Creek Corrections Center (CCCC)

Beekeeping: CCCC*
Beekeeping: McNeil Island
Western Pond Turtle Rehabilitation

Aquaponics
Vegetable gardens
Flower gardens
Waste sorting & recycling
Large-scale composting
Training dogs for veterans
Community College Horticulture
Construction
Water use reduction and catchment
Waste water treatment
Forestry
Community work

Coyote Ridge Corrections Center (CRCC)

Roots of Success
Beekeeping
Land restoration
Heritage and bee gardens
Garden: Main, maintenance area
Waste sorting & recycling
Toys for Tots*
Teddy Bears from reclaimed materials*
Ridge Dogs
Service dogs for veterans
Gardens: Minimum
Composting: Minimum*
Gardening Class

Larch Corrections Center (LCC)

Roots of Success*
Beekeeping*
Gardens
Plantain, food source for Taylor's checkerspot butterflies
Houseplants*
Bird feeders
Wood craft donations
Larch Dog Adoption Program*
Larch Cat Adoption Program*
Waste reduction*
Waste sorting & recycling*
Large-scale composting*
Waste water treatment
Forestry
Community work

Mission Creek Corrections Center for Women (MCCCW)

Roots of Success*

Taylor's checkerspot butterfly program
Beekeeping
Environmental Workshop Series*
GRACE (Gardening for Restoration and Conservation Education) Project*
Vegetable gardens
Flower gardens
Conservation crews*
Small-scale composting
Waste sorting & recycling
Water use reduction & catchment*
Pawsitive Prison Project
Plant and animal habitat*
House plants

Monroe Correctional Complex (MCC)

WSR

Composting with Bugs: Worm Farm, Black Soldier Flies, Bokashi
City of Monroe public flowers
Gardening curriculum development
Roots of Success*
SPL Bicycles from Heaven
SPL Wheelchair program
Bird habitat
Waste sorting & recycling*
Waste water treatment certification*
Flower gardens
Vegetable gardens

SOU

Beekeeping
Vegetable gardens
Nature Imagery
Cat program

TRU

Beekeeping
Gardens
Community Aide Coalition: quilting, crochet, textile arts
Dog training and adoption

Olympic Corrections Center (OCC)

Gardens
Flower gardens, boxes, baskets
Water features
Waste sorting & recycling
Large-scale composting
Waste water treatment
Water catchment
Solar power

Wood shop
Dog training and adoption*
Green Building*
Firewood*
Community crew*
Forestry

Stafford Creek Corrections Center (SCCC)

Roots of Success
Environmental Workshop Series*
Beekeeping
Prairie Conservation Nursery*
Emergent vegetation mats*
Gardening curriculum pilot
Gardens and greenhouses
Lifer Garden
Food Bank fundraisers
Pollinator plantings
Flower gardens, boxes, baskets, fruit orchard
Bird houses
Sustainability channel*
Large-scale composting
Waste sorting & recycling
Water catchment
Bicycle Repair
Wheelchair Repair
Service dogs for veterans*
Toy Time
SBU Art Class
SBU Looming Class
Community Fundraisers
Diversity Committee Fundraiser

Washington Corrections Center (WCC)

Roots of Success*
Environmental Workshop Series*
Prairie Conservation Nursery
Beekeeping, "Intensive Bee Management Unit"
Gardens and greenhouses
Flower gardens
Horticulture
Potted plants and plant starts*
Construction: bus stops, tiny homes, Neighborhood Pantries, bird houses
Nature Imagery
House plants
Large-scale composting*
Waste sorting & recycling

Shoe and clothing repurposing*
Training dogs for veterans
Composting with Bugs: Worm Farm, Black Soldier Flies, Bokashi

Washington Corrections Center for Women (WCCW)

Roots of Success*
Prairie Conservation Nursery
Gardens and greenhouses
Beekeeping
Pollinator plantings
Community College Horticulture
Mother Earth Farm, offsite farm crew*
Prison Pet Partnership*
Sisters of Charity: quilts, fabric crafts, wildlife rescue
Waste sorting & recycling
Large-scale composting*
Electric vehicles
Lighting upgrades

Washington State Penitentiary (WSP)

Institutional Sustainability Garden
Waste sorting & recycling
Composting, main
Electrical upgrades
Water conservation

BAR Units

Kitten program*
Roots of Success*
Crochet Program*

MSU

Beekeeping*
Flower gardens
Rental garden boxes*
Dog program*
Community work crew*

South Complex

Rental garden boxes

Sustainable Practices Lab

SPL: Learning Center
SPL: Wood shop & carving
SPL: Furniture Repair
SPL: Sign shop
SPL: Aquaculture and Aquaponics
SPL: Parole-a-bear
SPL: Worm Farm
SPL: Art program
SPL: Creative Projects

SPL: Quilting*

SPL: Creative projects

SPL: Water treatment systems*

SPL: Roots of Success*

SPL: Green Zone

141 active programs reported by 12 prisons

Appendix 2. SPP Partners and Allies in Washington State Prisons

Due to pandemic COVID, some collaborations with partner organizations are suspended.

Complementing the efforts of founding partners, WA Corrections and Evergreen, program partners and allies contribute to almost every SPP program. Most programs would not be possible without their input, enthusiasm, and resources. In this reporting period, we have **181** known (reported) partners. Considering that WSP's Sustainable Practices Lab has donated program creations to more than 400 charitable organizations, we know the actual number is far greater!

SPP Partners and Allies (Partnering with WA Corrections, Evergreen, or both), January 2021 – December 2021:

[Adams County Pet Rescue](#)

[ARC of Tri-Cities](#)

[Assist International](#)

[Benton Franklin Humane Society](#)

[Black Prisoners Caucus](#)

[Blue Mountain Action Council](#)

[Bogachiel Fish Hatchery](#)

[Brigadoon Service Dogs](#)

[Calbag Metals](#)

[Canyon Creek Cabinet Company](#)

[Catholic Charities of Eastern Washington](#)

[Center for Natural Lands Management](#)

[Central Kitsap Food Bank](#)

[Centralia College](#)

[Cherish our Children](#)

[Christian Aid Center](#)

Christmas for Kids

[City of Airway Heights](#)

[City of Monroe](#)

[City of Ocean Shores](#)

[City of Sultan](#)

Clallam Bay Food Bank

[Clark County Beekeeping Association](#)

[Clark County Food Bank](#)

[Coastal Harvest](#)

[Correctional Industries](#)

[Diamonds in the Ruff](#)

Dolly Haakenson

[Domestic Violence Services of Snohomish County](#)

[Duke University](#)

[Everett Police Department](#)

Evergreen Hospice

Evergreen Education Coalition for Justice Involved Students

[Fallen Outdoors](#)

[Family Promise of Grays Harbor](#)

[Farm to School](#)
[Forks Chamber of Commerce](#)
[Forks Lions Club](#)
[Forks Soroptimists](#)
[Forks Timber Museum](#)
[Franklin County Sheriff's Office](#)
[Friends of the Carpenter](#)
[Friends of Puget Prairies](#)
[Friends of Willapa Wildlife Refuge](#)
[Great Peninsula Conservancy](#)
[GRACE Project](#)
[Habitat for Humanity](#)
Hard Headz
[Harvest Now](#)
Holy Rosary Church
[Hood Canal School District](#)
[Hood Canal Food Bank](#)
[Hope Crew](#)
[Humane Society for Southwest Washington](#)
[I-CON Systems, Inc.](#)
[Institute for Applied Ecology](#)
[Institute for Human-Animal Connection](#)
[Interfaith Family Shelter](#)
[Jefferson Land Trust](#)
[Joint Base Lewis-McChord](#)
[Justice Involved Students Group, Evergreen](#)
[K & S Recycling](#)
[Kaff Zanjira](#)
[Kalaloch Lodge](#)
[Kitsap Conservation District](#)
[Kitsap Humane Society](#)
[Kiwanis Hoodsport](#)
[Korean Women's Association](#)
Lake Quinault Fire Department
[Lamb Weston](#)
[Lettuce Grow](#)
[Lions Club](#)
[Little Bit Therapeutic Riding Center](#)
[Little Earth Farm](#)
[Littlerock Elementary School](#)
[Makah Tribe](#)
[Marysville Police Department](#)
[Master Composters](#)
[Master Gardeners](#)
[Matlock Community Church](#)
[Mid-Columbia Beekeepers](#)
[Millers Homestead](#)

[Monroe Community Senior Center](#)
[Monroe Police Department](#)
[Mother Earth Farm](#)
[NASA Astrobiology Program](#)
[Nature Imagery in Prisons Project \(NIPP\)](#)
[North Mason Food Bank](#)
[North Olympic Peninsula Beekeepers Association](#)
[Northwest District Beekeepers Association](#)
[Ohio Department of Rehabilitation and Corrections](#)
[Ohio State University](#)
[Olycap](#)
[Olympia Beekeepers Association](#)
[Olympia Community Solar](#)
[Olympic Natural Resource Center](#)
[Olympic Peninsula Humane Society](#)
[Oregon Food Bank](#)
[SPP Oregon - Oregon Department of Corrections](#)
[Oregon State University Extension Service](#)
[Oregon Zoo](#)
[Over the Rainbow Fabrics](#)
[Pacific Rim Institute for Environmental Stewardship](#)
[PAWS](#)
[Peninsula College](#)
[Pioneer United Methodist Church](#)
[PPL Electric Utilities](#)
[Project 41](#)
[Providence Hospital](#)
[Purrfect Pals](#)
[Quileute High School](#)
[Quileute Tribe](#)
[Quillayute Valley Scholarship Auction](#)
[Quillayute Valley School District](#)
[Relay for Life](#)
[Roots of Success](#)
[Salmon for Soldiers](#)
[Samish Nation](#)
[Sarge's Place for Homeless Vets](#)
[Seattle Children's Hospital](#)
[Second Harvest Food Bank](#)
[Shriners Hospital for Children](#)
[SNAP Spokane](#)
[South Sound Prairies](#)
[Snohomish County Boys & Girls Club](#)
[Snohomish County CTA](#)
[Snohomish County Sheriff's Office](#)
[Snohomish Tribe](#)
[Spokane Humane Society](#)

[SpokAnimal](#)
SPP Tasmania
[St. Leo's Parish – Tacoma](#)
[Summit Assistance Dogs](#)
[Sunshine and Rainbows Child Development Center](#)
[Sustainable Living Center](#)
[Swedish Hospital](#)
[Symbiotic Cycles](#)
[Tacoma Community College](#)
[Texas Department of Criminal Justice](#)
[Thurston County Food Bank](#)
[Tilth Alliance](#)
Town of Clearwater, WA
[Treehouse for Kids](#)
[Tri-Cities Toys for Tots](#)
[U.S. Fish and Wildlife Service](#)
[U.S. Forest Service](#)
[Union Gospel Mission](#)
[University Beyond Bars](#)
[University of Utah](#)
[University of Washington Ecosystem Science Division](#)
University of Washington Composting and Waste Treatment Scientists
University of Washington – Tacoma, Professors Criminology & Restoration Ecology
[Un-loop](#)
[Urban League of Metropolitan Seattle](#)
[Walla Walla Sustainability Living Center](#)
[Washington Department of Fish and Wildlife](#)
[Washington Office of Superintendent of Public Instruction](#)
[Washington State Beekeepers Association \(WASBA\)](#)
[Washington State Board of Community and Technical Colleges](#)
[Washington State Department of Ecology](#)
[Washington State Department of Enterprise Services](#)
[Washington State Department of Natural Resources](#)
[Washington State Department of Transportation](#)
[Washington State Parks](#)
[Waste Connections](#)
[Waste Management](#)
[Welfare for Animals Guild \(WAG\)](#)
[West Columbia Gorge Humane Society](#)
[West Plains Beekeepers Association](#)
[West Sound Beekeepers Association](#)
[West Sound Wildlife Shelter](#)
Westlake Shelter
Westport Shipyard
[Wheels for the World](#)
[Whidbey-Camano Land Trust](#)
[Wolf Haven International](#)

[Woodland Park Zoo](#)

[Wormfarm Institute](#)

[WSU Department of Entomology](#)

[WSU Extension, Pierce County](#)

[YWCA](#)

181 reported organizations + 100s more charities receiving donations

Appendix 3. Abbreviations

Table 31. Common abbreviations found in current report

Prisons	
AHCC	Airway Heights Corrections Center, Airway Heights (near Spokane)
CBCC	Clallam Bay Corrections Center, Clallam Bay (northwest Olympic Peninsula)
CCCC	Cedar Creek Corrections Center, Littlerock
CRCC	Coyote Ridge Corrections Center, Connell (south, central Washington)
LCC	Larch Corrections Center, Yacolt (northeast of Vancouver)
MCC	Monroe Correctional Complex, Monroe (northeast of Seattle)
MCC-SOU	Monroe Correctional Complex, Special Offender Unit
MCC-TRU	Monroe Correctional Complex, Twin Rivers Unit
MCC-WSR	Monroe Correctional Complex, Washington State Reformatory
MCCCW	Mission Creek Corrections Center for Women, Belfair (Kitsap Peninsula)
OCC	Olympic Corrections Center, Forks
PPP	Pawsitive Prison Project
SCCC	Stafford Creek Corrections Center, Aberdeen
WCC	Washington Corrections Center, Shelton
WCCW	Washington Corrections Center for Women, Gig Harbor
WSP	Washington State Penitentiary, Walla Walla
WSP-MSU	Washington State Penitentiary, Minimum Security Unit
WSP-BAR	Washington State Penitentiary, Baker Adams Rainier Unit
Agencies & Organizations	
ABKA	American Boarding Kennel Association
CI	Correctional Industries
CPD	Capital Planning & Development (WA Corrections)
CNLM	Center for Natural Lands Management
DNR	Department of Natural Resources
DoD	Department of Defense
Evergreen	The Evergreen State College, a public, four-year institution
HSSW	Humane Society for Southwest Washington
IAE	Institute for Applied Ecology
JBLM	Joint Base Lewis-McChord
NSF	National Science Foundation
OR Zoo	Oregon Zoo
RDA	Research & Data Analytics (WA Corrections)
SBU	Skills Building Unit
SPL	Sustainable Practices Lab
SPP	Sustainability in Prisons Project
USFWS	U.S. Fish and Wildlife Service
WA Corrections	Washington State Department of Corrections
WDFW	Washington Department of Fish and Wildlife
WPZ	Woodland Park Zoo
WSDOT	Washington State Department of Transportation
WSIRB	Washington State Institutional Review Board

Definitions & General Abbreviations	
MAX	Maximum custody areas are also called IMUs (Intensive Management Unit) and segregation
MED	Medium custody includes close custody, which has less freedom, and general population.
MIN	Minimum custody areas are also called MSUs (Minimum Security Unit). WA has three prisons (CCCC, LCC, and MCCCW) that are wholly MIN and house incarcerated individuals with four years or less remaining on their sentences.
OMNI	Offender Management Network Information
PPE	Personal Protective Equipment