

# Sustainability in Prisons Project 2022 Annual Report



the  
evergreen  
state college

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# 2022 SPP Annual Report Executive Summary

The first projects of the [Sustainability in Prisons Project](#) (SPP) started at Cedar Creek Corrections Center in 2003. In 2023, we look forward to celebrating 20 years of doing this partnership work. SPP's mission is to empower sustainable change by bringing nature, science, and environmental education into prisons. Co-founded by [Washington Department of Corrections](#) (WA Corrections or DOC) and [The Evergreen State College](#) (Evergreen), SPP includes many contributors. We are humbled by the work we get to do with incarcerated people, scientists, corrections staff, academics, government agencies, and environmental and community organizations. Together we learn, grow, and cultivate partnerships for people and the environment. 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. With the information we were able to gather, we can report on **86 science, sustainability, and nature programs** in Washington prisons and **79 SPP partner and ally organizations statewide**. Given partner capacity constraints, we suspect some programs and partnerships are not recognized in this report.



*Dr. Carri LeRoy signs the first round of Documents of Completion awarding college credit to incarcerated students through SPP's new Prior Learning Experience education portfolios. Photo by Kelli Bush.*

As COVID pandemic conditions improved throughout 2022, SPP was able to plan, restart, launch, and operate more programs. We completed development and implemented a new credit-bearing education model. Unfortunately, programs which rely on gathering people in large groups are still suspended, including the SPP workshops series and special events. During this reporting period, some active programs were periodically impacted by quarantines aimed at reducing the spread of COVID. As a result, there were stretches of time when SPP staff and partners could not directly deliver education and training. The year also included significant successes, partnership building, and growth. We are grateful for the patience, problem-solving, and adaptability of all partners. Posted below are highlights on select programs and partnerships in 2022, plus goals for the 2023 calendar year.



## Highlights 2022

**SPP Prior Learning Experience Model:** SPP and Evergreen finalized development and awarded credit using the new SPP Prior Learning Experience model. This model allows SPP to offer academic credit during incarceration at no cost to the student. Education portfolios describe learning objectives, academic and experiential education, training, and skills. Three education portfolios were approved for programs in 2022 and five new program portfolios were submitted for credit award in Summer of 2023.

**Awarding Academic Credit:** In this first year of implementation, SPP awarded incarcerated students credit for our first two education portfolio programs. Nine Foundations in Gardening graduates earned 4 credits and six Butterfly Technicians earned 21 credits. This is just the start of increasing access to college credit! SPP uses donations to fund the administrative fees associated with this part of our work.

**Foundations in Composting Course:** Thanks to funding provided by a generous donor and the expertise of incarcerated people, SPP-Evergreen staff, academics, Institute for Applied Ecology, community partners, and DOC staff, completed development of a new, peer-led composting curriculum called *Foundations in Composting*. The 10-module course and a culminating project have been evaluated for two college credits. SPP plans to pilot the course in 2023.

**Garden to Kitchen Project:** Building on years of interest, SPP-Evergreen coordinated a project to gather information on interactions between prison gardens and kitchens. The team included SPP, a volunteer consultant, students, DOC headquarters and prison staff, and Washington Department of Health. Our shared goal is to improve incarcerated individuals' access to fresh produce. We designed and implemented listening sessions with incarcerated gardeners and DOC staff. Resulting information was compiled into a report summarizing successes, challenges, education interests, and potential solutions.



*Evergreen Master of Environmental Studies student Leah Randall visits WCC's Black Soldier Fly program. Photo by Emily Passarelli.*

**Sagebrush Education and Training Program:** With funding support from Washington Department of Fish and Wildlife (WDFW), SPP and partners advanced development a new Sagebrush-Steppe Education and Training program. Throughout 2022, participants grew and delivered nearly 35,000 sagebrush plants, completed development of the new credit-bearing education and training course, and advanced planning for development of a new sagebrush seed orchard and nursery.



*A sagebrush technician at Stafford Creek Corrections Center working in the Conservation Nursery hoophouse. Photo by Sarah Larson.*

**Developing Education Module Resources:** SPP continued to create new education modules that are short, low barrier, print format lessons on various science, sustainability, and supporting topics. In 2022, SPP and partners developed ten modules for the composting course and additional content including Introduction to Ecology, Gardening, Wetlands, Turtles, and Collaborative Teamwork.

*“After completing the [Foundations in Gardening] course, I became a facilitator to share some of my passion with others. Now I’m in a position to help pass on these critically beneficial traditions, knowledge, and wisdom of this beautiful way of life in a way.”*

- Foundations in Gardening course student and facilitator

**Avian Acoustic Monitoring Program:** Early in the pandemic, SPP-Evergreen was approached by an Environmental Scientist specializing in passive acoustic monitoring proposing a new program. Through this citizen science and education project, participants are trained to recognize the calls and sonograms (visual representation of sound) of twelve species of birds. The pandemic delayed implementation, but in 2022 we completed planning and scheduled education and training workshops to begin January 2023.

**DOC Clallam Bay Boiler Project:** DOC successfully completed a major energy and resource conservation project at Clallam Bay Corrections Center (CBCC). The project focused on replacing the entire fuel oil boiler plant with new propane fired, fully condensing hydronic boilers. For more information, see the Sustainable Operations Section.

**Evergreen Prison Education Program:** In July 2022, Evergreen received legislative funding to expand access to prison education and reentry services. SPP staff worked with a core group of Evergreen colleagues to build a team, conduct outreach with potential partners and students, and begin developing a program proposal. Through this project, SPP-Evergreen also welcomed a new Education Development Manager to the team!



*Members of the Evergreen Prisons Education Program team at the Evergreen Learning and Teaching Commons Summer Institute. Photo by Evergreen staff.*

**Table 1. Anticipated Programs Highlights for 2023**

Program/Project	Partners and facility	Planned outcomes
Develop Additional Education Modules	All facilities	Work w/partners to develop education modules for Foundations in Gardening: Part 2 & for inclusion in education portfolios for multiple SPP programs.
Develop New Credit Bearing Education Portfolios	All facilities	Increase # of students awarded credit for education portfolios, complete credit assessment for 5 new portfolios, & build new Avian Acoustic Monitoring, Butterfly Technician, & Foundations in Gardening: Part 2 portfolios.
SPP 20 Year Celebration	All	Celebrate SPP founders, contributors, incarcerated & previously incarcerated people & all partners.
Garden to Kitchen Collaboration	Several facilities, incarcerated people, DOC staff, garden & kitchen staff, SPP-Evergreen, Dept. of Health (DOH)	Work w/DOH, DOC, incarcerated people & others to purchase gardening supplies, & to develop gardening, nutrition, & case study educational materials to improve access to fresh produce.
Peer-Led Composting Course	WCC & MCCCW staff, incarcerated students, & SPP	Pilot class at WCC & MCCCW in 2023; based on input, make course updates.
Expanding Evergreen Education in Prisons	2 WA prisons	Work w/Evergreen team to complete prison education program development; include SPP education in proposed education programs.
Sagebrush Education & Training	WA State Penitentiary (WSP)	Hire new SPP staff & work w/WSP & other partners to implement the new sagebrush program; award credit for the education portfolio.
Conservation Nursery	SCCC & WCC	Restart conservation nursery programs at Stafford Creek & Washington Corrections Centers; offer new credit eligible, education & training.

## Conclusion

We are deeply grateful to everyone who contributes to SPP. Through this human- and ecosystem-centered work, we are continually growing. We appreciate the opportunity to learn with and from so many different people and programs. As impacts of the global pandemic have eased, we are emerging rededicated to transformational change, with improved and expanded education and training resources, and having grown our team and partnerships. Together with countless other organizations and individuals, we are working across differences to create change. We also recognize our humanity and the humanity of others as we strive to give the complex collaborations that define the SPP partnership our absolute best. 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. Thank you for the many ways you show your support for SPP.



*A sagebrush technician at SCCC weighs sagebrush plants using a custom tray holder – complete with SPP logo courtesy of the maintenance department sign shop. Photo by Sarah Larson.*



# Background Information

# 1

The primary objective of this report is to acknowledge all contributors to programs involving science and sustainability education and work with living organisms occurring in Washington prisons from January – December 2022. [Washington Department of Corrections](#) (WA Corrections) considers all the above program in Washington (WA) prisons to be part of the [Sustainability in Prisons Project](#) (SPP). SPP is a partnership co-founded by WA Corrections and [The Evergreen State College](#) (Evergreen) with many other partners and contributors. The SPP staff at Evergreen lead the reporting effort for the SPP partnership. They aim to include all program types described above, regardless of which partner(s) leads and/or operates the program. This report represents the most complete information available from partners through 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 **86 programs and 79 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.



*Sagebrush Technician Cougar and Sagebrush Liaison Ed Baldwin at SCCC. Photo by Sarah Larson.*

## Acknowledgements

Incarcerated people are at the center of SPP programs. Their day-to-day input, work, leadership, planning, teamwork, and dedication are critical to successful learning exchanges. SPP programs aim to support positive benefits including education, academic credit, professional development, job training, and therapeutic values through work with nature. Incarcerated and previously incarcerated people advise SPP and provide their input in program planning and operation whenever possible. They are also

invited to author education content, help identify program priorities, and present their experience in programs for conferences, tours, and media. To hear more from current and former program participants, see links to interviews included in media pieces in [Section 12: Dissemination](#).

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.



*WCC Custody Officer supporting a Garden to Kitchen listening session. Photo by WCC Staff.*

Many programs also include other partners. These external partners typically provide education, training, certifications, program/topic expertise, supplies, and materials. Through partnerships we build



*Ecological Education Coordinator Marissa Scoville and WDFW partners weighing and measuring western pond turtles before their release after being cared for by technicians at CCCC. Photo by DOC Staff.*

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.



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.

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.

## SPP Staff and Organization

During this reporting period, the Evergreen side of the SPP partnership continued to be co-directed by Kelli Bush. Former Operations and Sagebrush Coordinator Sarah Larson promoted within the SPP-



Evergreen team as the new Education Development Manager in November 2022. Carl Elliott and Emily Passarelli continued their roles as Conservation Nursery Manager and Program & Outreach Manager, respectively. Former SPP Co-Director and Evergreen faculty member, Carri LeRoy continues to play a critical role in overseeing SPP program certificates and education portfolios. Numerous additional Evergreen personnel contributed to SPP including but not limited to Kristina Ackley, Karen Gaul, Tina Pearson, Michelle Bartlett, James Jackson, David McAvity, Katherine Sackmann, John McLain, Paul Rudnick, John Carmichael, Dexter Gordon, Evergreen Prison Education Program (EPEP) and Evergreen Education Coalition for Justice Involved Student members.

Mike Obenland supported SPP as the Co-Director for the WA Corrections side of the partnership until October 2022. We are grateful to Mike for all his contributions to the SPP partnership. In October 2022, WA Corrections Secretary Cheryl Strange and Deputy Secretary Sean Murphy appointed Assistant



*The 2022 SPP team collage card. Pictured left to right from top: Ray Dunning, Emily Passarelli, Keira Jensen, Carl Elliott, Jen Bass, Derek Thedell, Marissa Scoville, Sarah Larson, and Kelli Bush.*

Secretary of Prisons Donald Holbrook as SPP Co-Director for WA Corrections. SPP-Evergreen leadership met with Don on various SPP initiatives throughout 2022. Eric Jackson, Jeffery Uttecht, Julie Vanneste, Chris Idso, and Kristen Morgan also served as part of the SPP leadership team. WA Corrections Women’s Division members were added in 2023.

Program Coordinator positions are staffed by Evergreen graduate students typically working 20 hours per week. Student-staff are most often 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 for their positions. During this reporting period, several program coordinators and temporary staff transitioned out of their roles. During the reporting period, 10 Program Coordinators worked for SPP: Savannah Richard, Sarah Larson, Michelle Klim, Jennifer Bass, Derek Thedell, Keira Jensen, Carly Boyd, Marissa Scoville, Ray Dunning, and Courtney Murphy. As of January 2023, SPP staffed six student coordinator positions.

### 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. 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, conservation specialists, 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.

All SPP-Evergreen staff complete the 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 1. SPP-Evergreen Staff Training for 2022.*

Name of Training	Trainer	Description	Hrs./Staff Person
<b>WA Corrections: Security Training</b>	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

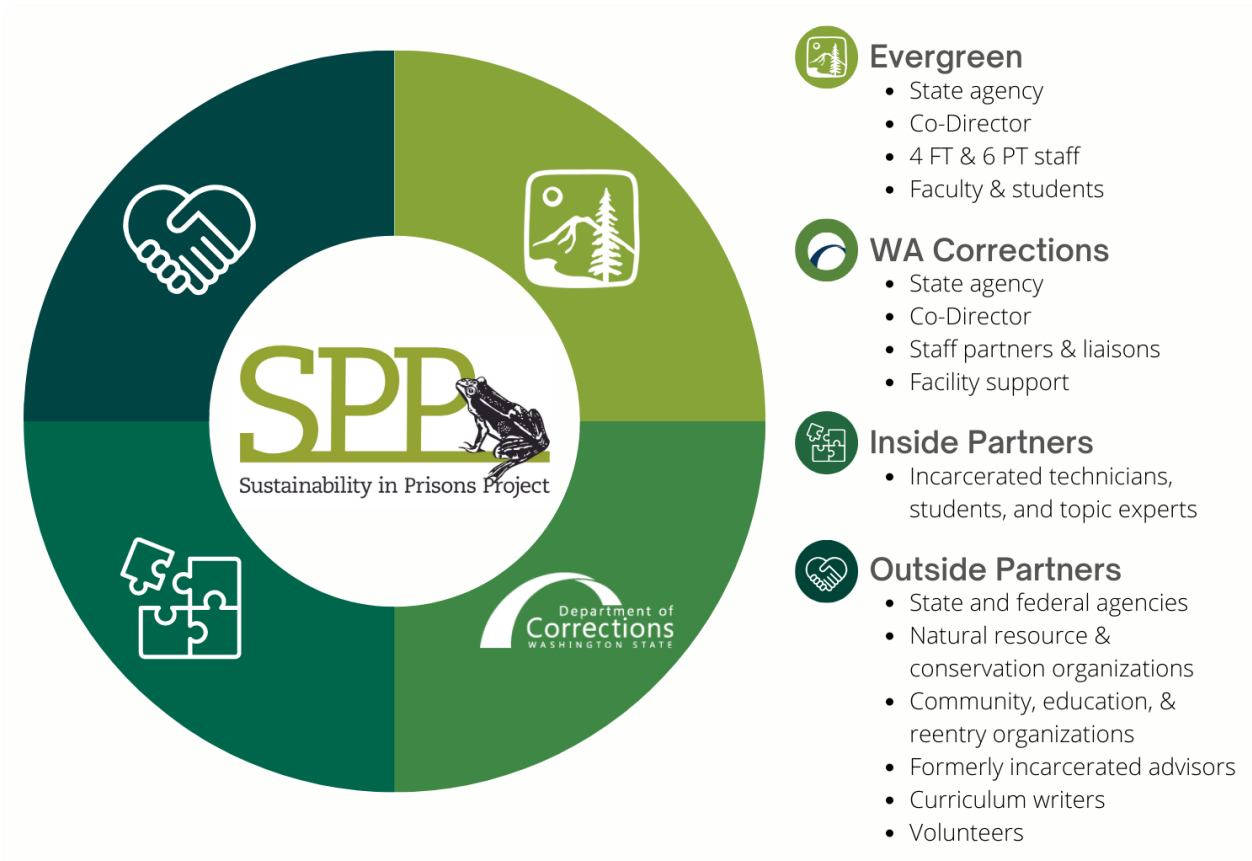


<b>WA Corrections: Federal Prison Rape Elimination Act (PREA) Training</b>	Online; Annual requirement	PREA Training	2
<b>COVID-19 Safety Training</b>	Online; SPP staff	Evergreen & WA Corrections COVID-19 Training & Safe Reentry Planning	10 (on-going)
<b>SPP-Evergreen: Working in Prisons</b>	Carl Elliot w/other SPP staff; online	Extensive training utilizing common scenarios encountered by SPP staff working in prisons	8
<b>Anti-racism &amp; Anti-oppression Training</b>	Prita Lal & Alice Nelson	A two-part training on structural racism and oppression in American history and the justice system	9
<b>New Employee Orientation</b>	Emily Passarelli w/other SPP-Evergreen staff	Welcome to SPP, Program Operation/Admin., Taking Care of Yourself at SPP, Communication, and Time Management	4

# Partnerships 2

Partnerships and collaboration are essential components of SPP. 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 79 different organizations contributed or connected to SPP programs in WA.

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



*Figure 2. SPP generalized program structure.*

Partners play varying roles to fit the needs of different types of programs. The SPP partnership includes five general program types including environmental education, ecological conservation, sustainable operations, restorative nature, and community contributions. Many programs fit more than one program type. In general, WA Corrections and partner organizations provide primary leadership for sustainable operations and community contribution programs, and the SPP-Evergreen team leads environmental education and ecological conservation programs. Both founding partners support various restorative nature programs. Despite these general leadership areas, input and expertise from all participants (including incarcerated people) is critical to program success—**the partnership is the program!**



Tacoma Community College (TCC) Program Manager for Corrections Education and former SPP coordinator, Shohei Morita, gives a tour of the TCC horticulture program at WCCW. Photo by Derek Thedell.

SPP is continually investing in new partnerships 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 described below.

### **Evergreen Prison Education Project (EPEP)**

In July 2022, Evergreen received legislative funding to expand access to prison education and reentry support. This work builds on years of effort including Evergreen faculty led teaching and learning, SPP, Gateways for Incarcerated Youth, Reentry Scholars, Justice Involved Student Group, and the Evergreen Education Coalition for Justice Involved Students. Throughout 2022 we built a team, focused on learning about new prison education program requirements, and met with potential partners. Partner meetings included internal collaborators at Evergreen, the State Board of Community and Technical Colleges, multiple individual community colleges, Freedom Education Project of Puget Sound, and staff across multiple divisions of DOC headquarters and prison facilities. Sustainability in Prisons Project staff are core members of the new EPEP team. Through this project, we were able to add a new Education Development Manager position to SPP to focus on increasing access to science and sustainability education. As we develop our proposal for education and reentry services, we will continue to prioritize opportunities to collaborate with others to provide increased and complementary services.



## Ecologies of Justice

In 2019, SPP-Evergreen began working with a national network of organizations and individuals doing similar work inside prisons and jails and for returning community members. We originally planned to gather in March of 2020 and the conference was delayed due to the COVID pandemic. After several virtual gatherings, a smaller group of network members was able to meet in-person in summer 2022. The in-person gathering had been scheduled for Yale University. Unfortunately, Yale was unable to host our group with relatively short notice. SPP was pleased to invite about 50 members of the Ecologies of Justice Network to the Evergreen campus. We gathered in the House of Welcome over two days to learn about each other's work and build community. SPP has deep gratitude for those participants who were able to attend, share their knowledge, and for the work they are doing.



*Ecologies of Justice conference attendees facilitating a workshop. Photo by Sarah Larson.*

## Foundations in Composting Course

SPP recently created a Foundations in Composting curriculum with the help of multiple partners inside and outside of prisons. Partners helped fund, write, edit, and pilot this new curriculum. For more information, look to [Section 4, Education](#).

## Garden to Kitchen

During this reporting period, the SPP team coordinated a special project aimed at increasing access to fresh produce and improving the connections between prison gardens and kitchens. For more information on this partnership, please see [Section 10, Research and Evaluation](#).

## Sagebrush-Steppe Education Training Program

With support from several partners including the WA Dept. of Fish and Wildlife, SPP launched a new Sagebrush-Steppe Conservation Nursery education and



*A day's harvest. Photo by Derek Thedell.*

training program in 2022. For more information on this new program, see [Section 5 Conservation Programs](#).

## 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 70 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. An increasing number of former SPP program participants are contributing to SPP or attending Evergreen post-release—sharing their valuable experiences, assets, and skills directly to our campus learning communities. Formerly incarcerated people are compensated for any work to acknowledge their expertise, time, and lived experience.

## 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 correctional facilities. 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.

# Budget 3

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This section 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 operating funding for SPP, they make important contributions by supporting education development personnel and providing office space, payroll processing, access to students and faculty, human resource services, and budget management support.



*Starts at the WCCW Conservation Nursery. Photo by Keira Jensen.*

During this reporting period, SPP had approximately \$600,000 in funds available from 12 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, legislative funding, and foundation and private donations.

We are pleased to report that once again, an anonymous donor provided a generous gift through the [Seattle Foundation](#). These funds were awarded for general use and have served as critical support for SPP education and training programs. In 2022, this gift supported fees for the first cohort of students receiving college credit for completion of select SPP programs, purchased supplies for the butterfly, gardening, and beekeeping programs, funded portions of the on-going garden to kitchen project to improve access to fresh produce, and purchased books for prison libraries and program areas.





*CBCC's indoor garden. Photo by DOC Staff.*

In 2021, SPP received a significant donation from an individual to support the development of a new Foundations in Composting course over two years. This donation has broad and enduring impacts. The resulting credit-eligible composting course is available to prisons throughout Washington, will be piloted in other states (Nevada), and is readily accessible via the SPP website for use by other organizations. Many thanks to the donor and all the collaborators who made this new course possible.

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

Available funding resources vary from month to month as sources become available or

close throughout the year. SPP-Evergreen staff continuously pursue funding to develop new programs and partnerships and to sustain on-going work. 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)*

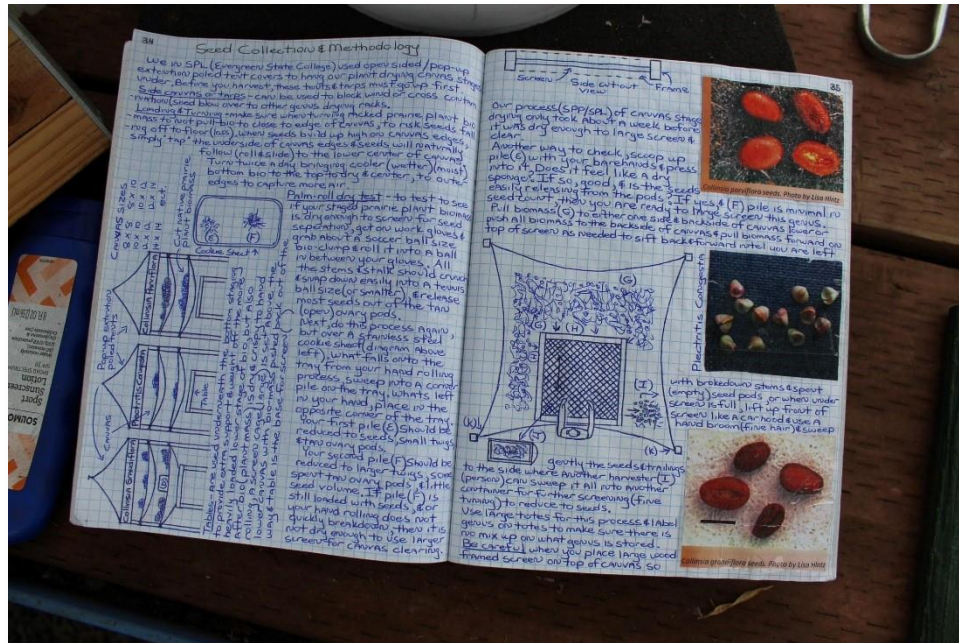
SPP Funding Sources January 2022 – December 2023		
Source	Program Area	Funding Period
<b>Grants, Contracts, &amp; Legislative Proviso</b>		
DOC SPP General Operating	Program Operation (Bees, Gardening, Turtles, etc.), Training, Org Planning, etc.	07/01/21–06/30/22
DOC SPP General Operating	Program Operation (Bees, Gardening, Turtles, etc.), Training, Org Planning, etc.	07/01/22–06/30/23
JBLM	Conservation Nursery Education & Training	09/28/20–03/28/22
JBLM	Conservation Nursery Education & Training	09/28/21–03/28/23
WDFW – Butterfly	Taylor's Checkerspot Butterfly Recovery Education & Training	01/01/22–12/31/22
WDFW – Sagebrush	Shrub-Steppe Conservation Nursery Education and Training	11/01/21–06/30/23

WDFW – Turtle	Western Pond Turtle Education & Training	09/01/21–06/23/23
Evergreen Prison Education Project (EPEP)	SPP Education Development and Prison Education Program Planning	07/01/22–06/30/23
Small Service Contracts		
US Forest Service – Olympic	Conservation Nursery Education & Training	01/01/22–10/31/22
WA State Parks		
Donations		
Individual Donations	Gardening, Beekeeping, Ed. Materials, Org Planning, Training, Program Supplies, etc.	01/01/22–12/31/22
Seattle Foundation	Student Fees for Academic Credit, Education Materials, Program Supplies, Peer-Led Education Resources, SPP Advisor Support	01/01/22–12/31/22
Composting Course Development Donation	Course Development, Printing, and Pilot Implementation	05/01/21–02/28/23

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.

# Education Programs 4

Education continues to be SPP-Evergreen's central focus. Though COVID-19 continued to impact access and classroom size, we enhanced current programming and successfully awarded college credit for two SPP-Evergreen programs using the new SPP Prior Learning Experience model. In the sections below, we report on the exciting progress we made on education in 2022.



*The detailed notes on seed cleaning taken by a Conservation Nursery Technician at WCC. Photo by Michelle Klim.*

## SPP's Prior Learning Experience Program – Portfolios

The SPP Prior Learning Experience (SPP PLE) Program is a new education model developed by SPP and The Evergreen State College. The program is designed to allow students in SPP programs to earn college credit during incarceration by completing coursework that culminates in a program education portfolio. SPP education portfolios are standardized education programs that include a course syllabus, portfolio checklist, and templated course evaluation. Student learning includes both academic and experiential learning and a final reflective writing assignment. Upon completion of all requirements, SPP submits portfolios to The Evergreen State College for processing, with SPP covering administrative expenses for registering students and awarding academic credit. Students receive a course evaluation and Document of Completion after processing, which represents their course achievements and college credit.

In this inaugural year of the SPP PLE program, credits were awarded for the Taylor's Checkerspot Butterfly program and Foundations in Gardening course. The table below highlights students who earned credit through the SPP PLE program in 2022.



*Table 4. Number of students awarded college credit in 2022 through the SPP PLE Program.*

Program	Credits	Total Credits Awarded	Students Awarded Credit
<b>Foundations in Gardening</b>	Introduction to Gardening and Ecological Horticulture	4	9
<b>Butterfly Specialist</b>	Introduction to butterfly biology – 4 credits Introduction to conservation biology – 4 credits Introduction to restoration ecology – 4 credits Introduction to endangered species biology – 4 credits Introduction to animal husbandry with laboratory – 5 credits	21	6



*Butterfly Captive Rearing Specialist Atalani Tili proudly displays her Document of Completion. Photo by Ray Dunning.*

### **Further Portfolio Development**

SPP-Evergreen continues to build new education portfolios for most of our environmental education and ecological conservation programs. Evergreen faculty of record, Dr. Carri LeRoy, provides guidance on education development, credit recommendations, and portfolio components. The table below describes the new SPP portfolios developed in 2022 and potential course equivalency and credit value.

Development includes creation of education and workshop resources, course syllabi, portfolio checklists, templated course evaluations, Documents of Completion, and in some cases a work plan. SPP plans to have these portfolios reviewed for credit equivalency in 2023.

*Table 5. Education Portfolios in development from January – December 2022.*

Program	Anticipated Course Equivalency and Credit Value (Pending Final Review)
<b>Foundation in Composting</b>	Introduction to Composting and Soil Science - 2 credits
<b>Turtle Rehabilitation Specialist</b>	Introduction to Wetland Ecology and Turtle Biology – 4 credits Introduction to Animal Husbandry with Laboratory – 6 credits
<b>Salish Lowland Conservation Nursery Technician</b>	Introductory Botany – 4 credits Introduction to Native Plant Ecology – 4 credits Ecological Horticulture Practicum – 10 credits
<b>Sagebrush-Steppe Conservation Nursery Technician</b>	Introduction to Botany – 4 credits Wildlife Conservation on the Sagebrush-steppe – 4 credits Ecological Horticulture Practicum – 10 credits
<b>Butterfly Captive Rearing Specialist</b>	Introduction to butterfly biology – 4 credits Introduction to conservation biology and endangered species restoration – 4 credits Introduction to Animal Husbandry with Laboratory – 8 credits



*SPP Manager Carl Elliott delivers education content to the MCCW butterfly crew. Photo by Sarah Larson.*

## Module Development

SPP also focused on developing education modules, or free-standing lessons, on topics that do not require technology or large group gatherings. Modules are typically 8-20 pages of print materials and include learning activities, visual aids, discussion questions, and interdisciplinary art, cultural, or historical context information. Some modules are offered in more than one program or education portfolio. Below is a table of modules created by SPP and partners in 2022.

*Table 6. Education modules developed in 2022.*

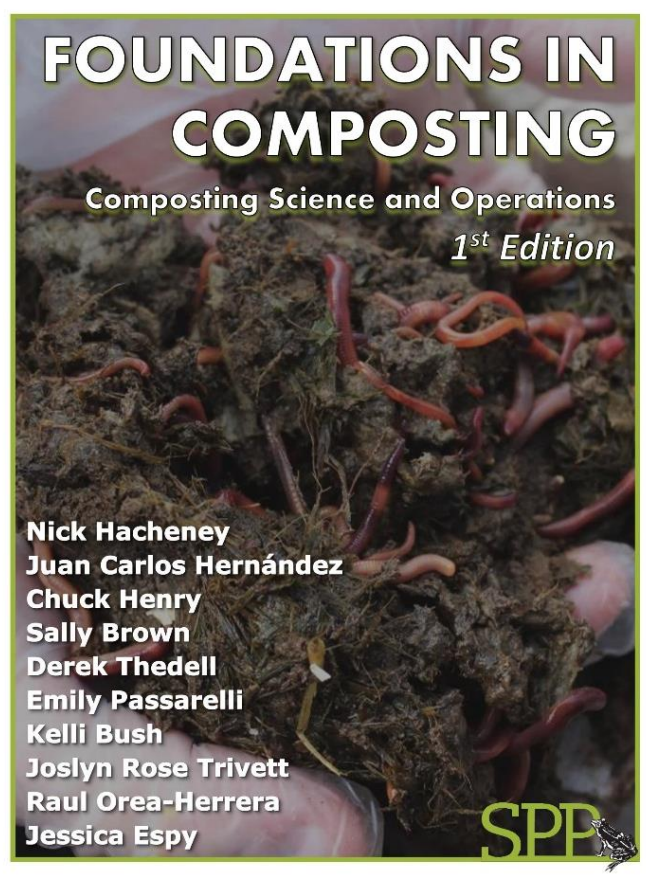
Main Program	Module Title
<b>Butterfly</b>	Plant and Pollinator Interactions
<b>Foundations in Composting</b>	Why Compost?
	Food Waste Environmental Impact
	Compost, post-consumer good waste, and the environment
	Composting Regulations and Testing
	Growing with Compost
	Alternative Composting
	Commercial Scale Composting
	Small Scale Composting
	Science of Composting
<b>Salish Lowland Conservation Nursery</b>	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
<b>Sagebrush-Steppe Conservation Nursery</b>	Ecology
	Wildlife
	Restoration
	Ecological Horticulture
	Policy
<b>Western Pond Turtles</b>	Introduction to Wetlands
	Western Pond Turtles
<b>Free Standing Content</b>	Ecology (Parts 1, 2, & 3)
	Collaborative Teamwork
	Climate Change



## Peer-Led Education

In 2022, SPP supported the [Foundations in Gardening](#) Curriculum and Roots of Success peer-led education programs.

In partnership with DOC, experts, educators, and with the help of a generous donor, SPP also developed a new peer-led education program, Foundations in Composting. This class is part of the SPP PLE program and can offer students college credit while incarcerated. This 2-credit course offers students education and training for small- to large-scale composting programs. It also includes a new component, a culminating project in which students will design a composting project. SPP plans to pilot this class in Washington and Nevada prisons in 2023. The table below provides a 2022 update on three peer-led education programs.



*Cover of the newly completed Foundations in Composting curriculum.*

*“There’s a cross pollination of communication that occurs. People begin to understand that they really have so much in common, or they learn to respect other person’s opinions or their values or their beliefs. And this is based on lived experience from them in their communities. We learn from each other.”*

– Grady Mitchell, SPP Advisor and Roots of Success facilitator

*Table 7. Key updates on peer-led curricula for January – December 2022.*

Program and Description	Key Highlights	Facilities	Student Certificates
<a href="#">Foundations in Gardening</a>	Began curriculum updates to accommodate student feedback and formatting changes.	WCCW, WCC (IMU), SCCC	12 class students
<a href="#">Foundations in Composting</a>	Completed curriculum development in 2022 in collaboration with a generous donor, the Institute for Applied Ecology, sustainability team at WCC, Centralia College, Tilth Alliance, professors from University of Washington, and formerly incarcerated individuals.	Plan to pilot in 2023.	
<a href="#">Roots of Success</a>	Transitioned to 2019 curriculum.	SCCC	15

## Beekeeping

During this reporting period, we supported 10 active beekeeping programs in partnership with the Washington State Beekeepers Association (WASBA). Many programs reintroduced bees to the facility in 2022 and are working on restarting classes in 2023. Details for this reporting period are shared in the following tables and highlights.



*Beekeepers at MCC-TRU inspect the hives. Photo by Susan Collins.*

*Table 8. Key updates for beekeeping programs for January – December 2022.*

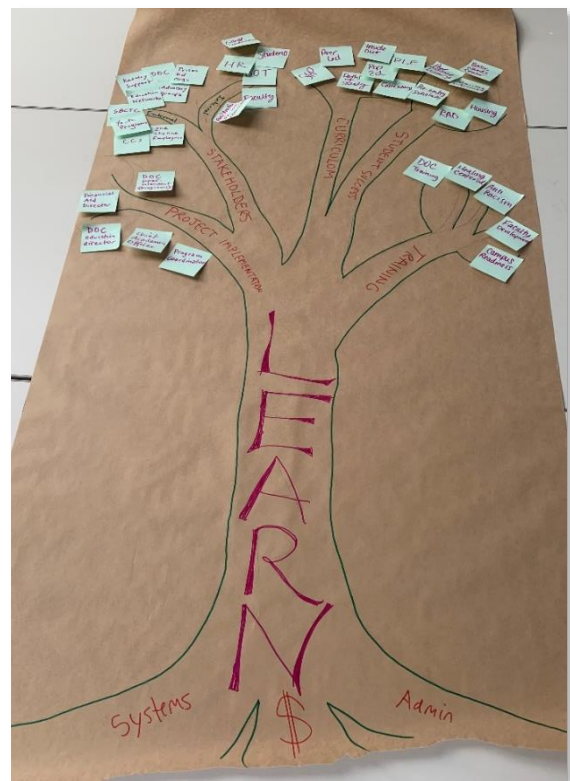
Beekeeping				
Facility	Key Highlights	Partners	WSDA Registered Hives	Classes & Certificates
AHCC	Monthly education packets were distributed with beekeeping related articles and optional worksheets. Materials were sent to 10 facilities and students from MCCCW, WCCW, SCCC, and WCC-IMU earned recognition certificates.	West Plains Beekeepers	3	
CBCC		North Olympic Peninsula Beekeepers Association	2	
CCCC		Olympia Beekeepers Association	0*	
CRCC		N/A	2	
LCC	SPP supplied several hives of bees, beekeeping tools, and sugar to MCCCW, LCC, and WCCW.	Clark County Beekeepers	2	7 Beginning Beekeeping students; 1 staff
McNeil Island		Olympia Beekeepers Association, CCCC	2	
MCCCW		West Sound Beekeepers	2	
MCC-TRU		Northwest District Beekeepers	2	
SCCC	WASBA hosted monthly question and answer sessions with beekeeping staff liaisons. Liaisons from CCCC, CRCC, LCC, SCCC, WCCW, WCC, MCCCW, WSP, and AHCC attended.	Olympia Beekeepers Association	2	28 Beginning Beekeeping students
WCC		N/A	4	
WCCW		West Sound Beekeepers	4	
WSP			5	

\*CCCC collaborates with the beekeeping program on McNeil Island.

### Evergreen Prisons Education Program (EPEP)

Faculty and staff at The Evergreen State College have decades of experience supporting education and reentry for currently and previously incarcerated students. SPP and colleagues at Evergreen aspired to build a more robust and coordinated program to expand services for students with the lived experience of incarceration. With recent changes in legislation, incarcerated students are now eligible for federal Pell Grants and state Washington College Grants and have improved access to post-secondary education. In 2022, Evergreen received funding from the state legislature to plan and build capacity to serve these students. By partnering with local community colleges and other education providers already working in prisons, Evergreen aims to expand access to four-year bachelor's degree programs.

The new program, called the Evergreen Prison Education Program (EPEP), includes SPP, Gateways for Incarcerated Youth, Reentry Scholars, the Evergreen Education Coalition for Justice Involved Students, and Evergreen faculty. EPEP plans to complement other education organizations' work through collaboration with willing parties. SPP is excited and honored to be playing a key role in this new initiative.



*The EPEP Team visualizes the complex parts of prison education in this tree during the Summer Institute. Photo by Kelli Bush.*

### Green Planet Academy – Washington State Penitentiary (WSP) SPL

Staff and incarcerated individuals at WSP's Sustainable Practice Lab (SPL) developed their own environmental program called Green Planet Academy. In 2022, 146 students completed this program taught by 5 incarcerated individuals. Graduates of this program receive a certificate created by WSP staff.

### 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. During this reporting period, community college staff and faculty went above and beyond to offer their students meaningful educational opportunities despite countless barriers.

- In partnership with Centralia College corrections staff, SPP continued offering both the Foundations in Gardening curriculum and beekeeping packets to interested IMU students for a recognition certificate.
- Collaboration with Tacoma Community College and Centralia College staff was instrumental in completing Garden to Kitchen Project listening sessions at WCCW and CCCCC.
- Centralia College staff were also instrumental in developing the Foundations in Composting curriculum.





*Tacoma Community College Program Manager Shohei Morita gives Jen Bass a tour of the WCCW Horticulture Program Greenhouse. Photo by Derek Thedell.*

### **Environmental Engagement Workshop Series**

Due to the COVID-19 pandemic, the workshop series continues to be suspended. During this reporting period, only small group workshops were offered in specific conservation and environmental education programs. We remain hopeful that we can restart workshop series programs at some point.

# Conservation Programs 5

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

1. Focus is on conservation-related education and training: preserving and protecting species, ecosystems, and/or other natural resources.
2. Dependence on strong collaborations between incarcerated people, corrections staff, students, SPP staff, scientists, and community experts who share their knowledge, resources, and enthusiasm.
3. Incarcerated participants are partners, students, and technicians; they contribute their knowledge, improve program operation, and receive education, training, and hands-on experience. Participants are eligible for academic credit at no expense to the student as they complete education portfolio requirements.
4. Conservation programs' success is dependent on each partner contributing their expertise and time. Programs are designed to maximize benefits to each collaborator.



*Sagebrush program liaison Ed Baldwin (left), Conservation Nursery Manager Carl Elliott (right), and incarcerated gardeners and nursery technicians loading sagebrush for delivery to eastern Washington. Photo by DOC Staff.*



## Conservation Nursery Programs

The SPP Conservation Nursery education and training program continues to grow plants to support Taylor's checkerspot butterfly habitat restoration on [Joint Base Lewis-McChord \(JBLM\)](#) and other southern Salish lowland prairie sites. The nursery also continued contract growing for the [United States Forest Service \(USFS\)](#), [Olympic National Forest](#), and [WA State Parks](#) for ecological restoration sites or vegetation restoration on de-commissioned roads and trails.



*Left: Flowers from the WCC conservation nursery. Photos by Michelle Klim. Right: SCCC Liaison Ed Baldwin poses in front of plant starts in the greenhouse. Photo by Sarah Larson.*

SPP changed the seed production at Washington Corrections Center (WCC) to focus on annual plants that provide nectar for Taylor's checkerspot butterflies (TCB). Three species were cultivated, harvested, and cleaned: *Collinsia grandiflora*, *Valeriana (Plectritis) congesta*, and *Collinsia parviflora*. The brilliance of the blooming field in May and June drew the attention of staff and incarcerated people. The flash of bling provided a unique opportunity to educate the general population on some of the plants that are native to the prairie soils under WCC. The final seed was delivered to JBLM to improve TCB habitat.

Our most substantial expansion in 2022 was SPP's collaboration cultivating plants for shrub-steppe habitat restoration. This program expands the conservation nursery to prisons in eastern Washington. 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. Staff with the Institute for Applied Ecology's Sagebrush in Prisons Project provided helpful guidance and training resources. In 2022, the program began training and plant production at SCCC. The program also began 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 2025.





*Conservation Nursery Manager, Carl Elliott, and sagebrush technicians check on the health of the sagebrush plants at SCCC. Photo by Sarah Larson.*

*Table 9. Summary of key outcomes for SPP conservation nursery programs, January – December 2022 (see [Appendix 3](#) for abbreviations).*

<u>Conservation Nursery Programs</u>					
Program	Facility	Key Ecological Results	# of Techs	Partners	Key Highlights
<b>Salish Lowland Nursery</b>	WCCW	Plugs produced: 15,582 Species grown: 20	5	Nursery Technicians, DOC, SPP-Evergreen, <a href="#">JBLM</a> , <a href="#">USFS – Olympic Mountains</a>	Plants produced for Salish lowland prairie & forest habitats
<b>Seed Nursery</b>	WCC	Seed production: 22 lbs. 14 oz. Species grown: 3	3	Nursery Technicians, DOC, SPP-Evergreen, JBLM	First year of production of diverse native annuals for TCB recovery
<b>Sagebrush-Steppe Nursery</b>	SCCC	Plugs produced: 34,675 Species grown: 1	2	Nursery Technicians, DOC, SPP-Evergreen, WDFW – Sagebrush Steppe	Presented new SPP Sagebrush-Steppe Conservation Nursery course to incarcerated students & staff

## Western Pond Turtle Rehabilitation

The turtle program restarted at Cedar Creek Corrections Center (CCCC) in March 2022 following two years of suspension due to the COVID pandemic. During the time the program was suspended, CCCC staff remodeled a building for the turtles inside the prison's secure perimeter. SPP staff helped relocate the program, revised program procedures, and developed new education resources. The turtle program at Larch Corrections Center remains suspended indefinitely. As a result, the CCCC program was expanded to accommodate up to twice the previous capacity. We anticipate caring for up to 24 turtles during the 2023 season.



*SPP Turtle Coordinator Marissa Scoville checks the turtles. Photo by Kelli Bush*

*Table 10. Summary of key outcomes for SPP western pond turtle program, January – December 2022*

<u>Western Pond Turtle Rehabilitation Program at CCCC</u>			
Key Ecological Results	# of Techs	Partners	Key Highlights
<b>Turtles received and released: 8</b>	4	Turtle Technicians, DOC, SPP-Evergreen WDFW, <a href="#">PAWS Wildlife Rehabilitation Center</a> , <a href="#">Woodland Park Zoo (WPZ)</a> , & <a href="#">Oregon Zoo</a>	Revised & enhanced all program procedures; developed new Turtle Rehabilitation Specialist education portfolio including new workshop & education module content; moved program into DOC remodeled building within prison's secure perimeter; consolidated turtle program from 2 prison sites to 1; planned new Avian Acoustic Monitoring program to operate in concert w/Turtle Rehabilitation program.

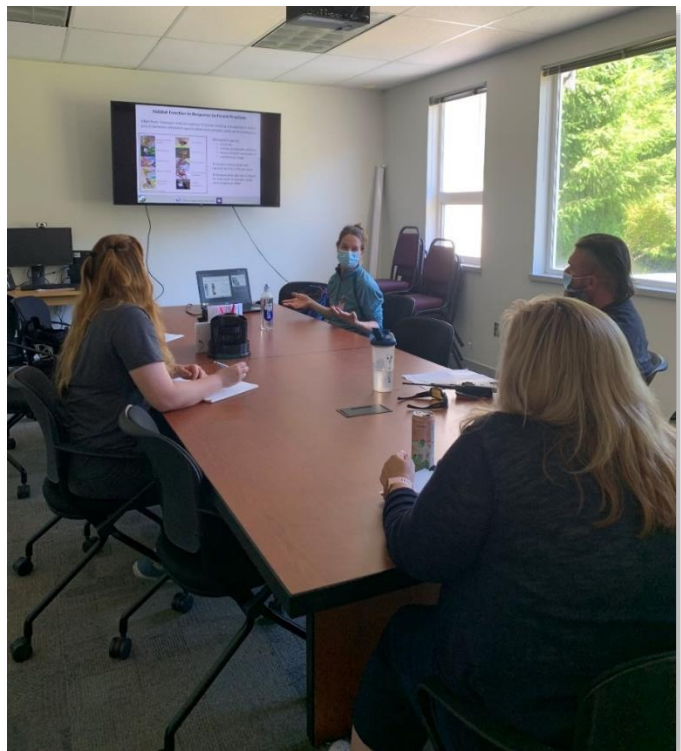


*Left: a hatchling western pond turtle at Oregon Zoo pops up to say hello. Right: SPP Co-director Kelli Bush holds a newly transferred turtle at CCCC. Photos by Sarah Larson.*



### **Avian Acoustic Monitoring**

Throughout 2022, SPP, CCCC staff, and environmental scientist Lauren Kuehne, planned a new Avian Acoustic Monitoring program. The new education and training program will be offered to technicians in the Western Pond Turtle Rehabilitation program. Participants will learn how to identify up to 12 species of birds based on their calls and sonograms (visual representation of sound). They will also learn how to use acoustic monitoring software, data entry and tracking, and more about birds and forest ecology. We are excited to start this program early in 2023.



*The Cedar Creek team discusses the new Avian Acoustic Monitoring program. Photo by Kelli Bush.*

## Taylor's Checkerspot Butterfly

Since 2011, the Taylor's Checkerspot Butterfly Captive Rearing program has reared over 43,000 butterfly larvae for release onto Salish lowland prairie sites. Despite on-going challenges posed by the pandemic and staffing shortages, the program continues to thrive. Program technicians demonstrate exemplary teamwork and skill in caring for these federally endangered butterflies. In 2022, 6 technicians received 21 academic credits by completing requirements of the new Butterfly Captive Rearing Specialist education portfolio offered Jan-June 2022. SPP-Evergreen staff and partners made significant revisions to program procedures and developed education portfolio resources and plans. In 2023, we are restarting the captive breeding component of the butterfly program in response to significant population decline of this species in the wild.



*Top left: SPP Education Manager Sarah Larson checks in on some TCB larvae. Photo by Kelli Bush. Top right: Two butterfly technicians bringing larvae out of diapause. Photo by SPP staff. Bottom: Butterfly coordinator Ray Dunning and WDFW biologist Mary Linders releasing larvae on a prairie. Photo by Sarah Larson.*



*“This program was the highlight of my prison experience, and I am proud to say I was a part of it. I didn’t expect to be involved in something so important to our world and being able to [participate] helped me to realize that I have a lot more that I can accomplish.”*

- Trina Junkert, SPP Program Exit Form

Table 11. Summary of key outcomes for the SPP Taylor’s Checkerspot Butterfly program, January – December 2022

<u>Taylor’s Checkerspot Butterfly at MCCCCW</u>						
Key Ecological Results	Raven Greenhouse	Turtle Greenhouse	Totals	# of Butterfly Techs	Partners	Key Highlights
Larvae at Wake up:	2,753	3,949	6,702	12	Butterfly Technicians, DOC, SPP-Evergreen WDFW, USFWS, Ronda Naseth (butterfly husbandry expert), JBLM, Sentinel Lands conservation partners	6 Butterfly Techs awarded 21 credits awarded; revised & enhanced all butterfly rearing procedures
Total Released:	2,752	3,932	6,684			
Wild Adult Butterflies Received:	10	11	21			
Wild Egg Clusters Received:	8	8	16			
# Resulting Larvae:	1,689	2,667	4,356			
Larvae into Diapause:	1,662	2,601	4,263			

## Composting

Many Washington prisons have some form of large or small-scale composting program. SPP and partners are eager to bring education and academic credit to program participants to complement hands-on sustainability education experience. To reach this goal, SPP-Evergreen, incarcerated experts and students, academics, community organizations, and DOC staff collaborated to develop the new credit-bearing [Foundations in Composting](#) course. For more information on this new course see [Section 4, Education Programs](#).

Corrections staff and SPP note that composting programs are established and operate at the following facilities: AHCC, CCCC, MCCCW, OCC, SCCC, and WCC. Several of the incarcerated people and staff at Washington Corrections Center (WCC) have been working with partners to expand development of a robust composting program with worms, bokashi, and black soldier flies. Their goal is to eventually compost 100% of facility food waste. To transform waste into valuable resources, incarcerated technicians at WCC 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*.



*A WCC technician shows grown Black Soldier Fly. Photo by Emily Passarelli.*

### ***Training and Education***

SPP's Conservation Programs tried to make the best of the last two years by focusing on creating education and training resources and new education portfolios for incarcerated technicians. We successfully built the necessary model, tracking tools, education plans and resources to be able to award academic credit for several conservation programs. Through the new SPP-Prior Learning for Experience (PLE) model, students who complete portfolio requirements, eligible to receive credit through The Evergreen State College. While we awarded academic credit to a small number of students in 2022, we expect an increased number of conservation program participants to be eligible for and to receive credit in the coming years. More information on education portfolios, education modules and conservation program students completing portfolio requirements in the first year of this new program, please see [Section 4, Education Programs](#).

# Restorative Nature 6

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*A WCC chicken poses for a picture. Photo by Jen Bass.*

SPP aims to bring nature inside prisons for many reasons including for stress relief and other benefits for human and non-human organisms. Scientific research shows that when nature is available within institutional and urban environments, inhabitants experience many positive, therapeutic benefits. In particular, 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. Less formally, the therapeutic values of SPP’s programs have been recognized widely and consistently by both incarcerated and staff partners.

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

Table 12. Restorative nature and wildlife habitat efforts, January – December 2022 (see [Appendix 3](#) for abbreviations).

Prison	Programs	Status & Highlights
AHCC	Pollinator plantings	Growing flowers throughout the main courtyard during the pandemic for human & wildlife well-being; established pollinator stations with bee-friendly plantings
	Nature imagery	Individuals in maximum security have access to nature videos. It is a resource utilized by mental health staff for incarcerated individuals during times of mental distress.
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	Maintained garden designed by incarcerated individuals using native plants, which honor cultural and natural heritage of area with low water need plants; established garden continues to thrive and add visual beauty.
	Land restoration	Restoration of native vegetation continues to thrive outside the fence; propagated and grew 11 native species.
	Pollinator garden	4-acre garden for bees and other pollinators in minimum security portion of the prison.
LCC	Bird feeders	Feeders placed throughout the facility.
	House plants	Maintained nearly 300 houseplants in incarcerated living units, no new house plants were distributed during the reporting period.
MCCCW	Chickens	2 chickens joined the facility to help till the gardens, produce compost, and teach animal care skills to incarcerated individuals.
	House plants	All living units have houseplants and numerous staff have plants in their offices; plants continue to thrive.
	Bird boxes	20 bird boxes, 2 bird feeders
MCC-SOU	Nature Imagery	Information not available during this reporting period.
MCC-WSRU	Bird habitat	Multiple bird houses and hummingbird feeders continue to thrive around Education Building and Gate 7.
	Flower gardens	Flower 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.
	Lifer garden	Maintained large garden space dedicated to incarcerated men not eligible for parole.
	Bird houses	Added 10 new birdhouses to the existing 48 throughout facility.
WCC	Chickens	9 chickens have been thriving and part of the Black Soldier Fly program.
	House plants	Plants in all shared and staff areas; 7,932 plants were donated to Thurston County Food Bank, Spelling Bee School Fund Raising, WCC staff, and MCCCW.
	Flower gardens	Flower plantings throughout the campus; began using thermal heating in raised garden bed greenhouses to improve efficiency.



# Community Contribution Programs

# 7

Community contribution programs provide services and/or goods directly to local communities. Each facility provides different services and donations to their local community. They involve programs like training pets for adoption or as service animals, donating crafts and products (firewood, quilts) derived from reclaimed materials, and providing ecological services like habitat restoration.



*Jack-o'-lanterns carved from pumpkins grown at CBCC. Photo by DOC staff.*

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 operate without support from SPP-Evergreen. SPP-Evergreen's role is limited to acknowledging and supporting these partnerships and providing a comprehensive overview of statewide activities. Overall, these programs were greatly impacted by the COVID-19 pandemic, and many are still suspended.



*Dog program participants at MCC-TRU. Photo by Peter E. Stewart.*

## Dog and Cat Programs

Prior to the pandemic, dog and cat programs flourished 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 animal training. We have heard from incarcerated participants and staff that pet programs benefit all involved including incarcerated individuals and outside communities. Participants of these programs often describe working with dogs or cats as transformational. Table 13, below, summarizes the pet program highlights shared by DOC for 2022.



*Happy dogs at CRCC. Photos by DOC staff.*



*Dog program participants at CRCC. Photo by DOC staff.*

Table 13. Dog and cat programs, January 2022 – December 2022 (see [Appendix 3](#) for abbreviations). Please note: All dog and cat programs include incarcerated people and DOC staff working in collaboration with non-profit partners.

Prison	Program	Program Partners	Highlights
AHCC	Pawsitive dog training	Diamonds in the Ruff, SpokAnimal, Spokane Humane Society	Program suspended due to COVID.
CBCC	Dog training and adoption	Welfare for Animals Guild (WAG!)	Program was suspended due to COVID.
CBCC	Cat program	Welfare for Animals Guild (WAG!)	In March 2022, 5 cats returned to CBCC. The program has grown to 14 cat handlers and 11 cats (5 of which are kittens).
CCCC	Training dogs for veterans	Brigadoon Service Dogs	CCCC had 2 dogs and had a total of 5 handlers. They hope to expand the program in 2023.
CRCC	Ridge Dogs	Benton Franklin Humane, Adam County Pet Rescue	100 dogs graduated from the program in the 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 in 2022.
MCC – TRU	Dog training and adoption	Summit Assistance Dogs	This program restarted in July 2022. 2 training classes graduated, 7 dogs were trained by 9 dedicated two-person handler teams and 13 dedicated dog walkers.
MCCCW	Pawsitive Prison Project	Kitsap Humane Society	200 cats and 10 dogs were adopted during the reporting period. There were about 100 incarcerated participants in 2022. Over 1,100 cats adopted since 2006.
OCC	Dog training and adoption	Olympia Peninsula Humane Society	Program suspended due to COVID.
SCCC	Dog training and service dogs for veterans	Brigadoon Service Dogs	18 service dogs graduated from this program in 2022.
WCCW	Prison Pet Partnership	Prison Pet Partnership	Self-supporting, 2022 data not available.

## 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, the creations from these programs help to 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 14. Community contribution programs statewide, January – December 2022 (see [Appendix 3](#) for abbreviations).

	Reported Statewide Totals (approximations)	Highest Impact Facility
<b>Produce grown</b>	68,935+ lbs. to food banks & prison kitchens	WCC: 30,093 lbs.
<b>Crafts &amp; furnishings from reclaimed materials</b>	3,711 items donated	WSP's Sustainable Practices Lab (SPL): 2,300 items
<b>Refurbished bicycles and wheelchairs</b>	209 repaired	SCCC: 132
<b>Refurbished computers</b>	19,814 computers, parts, and laptops	AHCC: All
<b>Firewood</b>	365 cords prepared for donation	AHCC: 200



AHCC produce ready for donation. Photos by DOC staff.

Table 15. Community contribution programs to reclaim, repurpose, restore, or donate, January 2022 – December 2022 (see [Appendix 3](#) for abbreviations).

Prison	Programs	Program Partners	Highlights
AHCC	Computers 4 Kids	Office of the Superintendent of Public Instruction, WA Department of Enterprise Services	In the past year, 12 incarcerated individuals donated 19,814 computers and 15,378 went to surplus. 2,185 were donated to local schools.
AHCC	Firewood donation	Spokane Neighborhood Action Partners (SNAP)	In the past year, AHCC prepared 300 cords of firewood for donation, 200 of which were donated to the community.
AHCC	Gardens, main and minimum	Master Gardeners, Ronald McDonald House, Shriners Children's Hospital	Donated 3,616 lbs. of produce to Woman's and Children Free Restaurant in 2022.
CBCC	Vegetable gardens	Clallam Bay Food Bank	Donated 1,583.5 lbs. produce to the Clallam Bay food bank; 78 lbs. were grown hydroponically.
CBCC	Ozette potato program	Local tribes	Ozette potatoes were not harvested in 2022.
CCCC	Gardens	Centralia College, Littlerock School District	Grew 5,000 lbs. of produce which were used in the kitchen.
CRCC – MSU	Gardens, Minimum		Grew 1,500 lbs. of produce.
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 – WSRU	City of Monroe public flowers	City of Monroe donates seeds and soil	Program suspended due to understaffing.
MCC – WSRU	Vegetable gardens	CI Food Services donated seeds	Program suspended due to COVID.
MCC – WSRU	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 77 bikes that will be donated in 2023. In December of 2022, 12 bikes and 2 scooters were sent to the Monroe CCO Office for donation to kids in need.
MCC – WSRU	SPL Wheelchair program	Wheels for the World, Joni & Friends	Program suspended due to understaffing.
MCCCW	GRACE (Gardening for Restoration & Conservation)	Kitsap Conservation District, Central Kitsap Foodbank	Program suspended due to COVID and understaffing.

	Education) Project		
<b>MCCCW</b>	Vegetable gardens	North Mason Food Bank	Gardens produced 459 lbs. of produce in 2022, some was donated to North Mason Food Bank and some was used in facility kitchens.
<b>OCC</b>	Firewood for Native American Programs	Olycap, Quillayute Valley Scholarship Auction, Lake Quinault Fire Department, OCC DNR Crew	A total of 165 cords of Native wood sent out to local towns, other facilities, and Forks Scholarship Fund.
<b>OCC</b>	Vegetable gardens	Peninsula College, Sunshine and Rainbows Child Development Center, Quileute Tribe	Grew and donated ~3,000 lbs. of produce to Forks Food Bank.
<b>SCCC</b>	Gardens and greenhouses	Coastal Harvest Food Bank, Harvest Now	5,927.60 lbs. of produce sent to Coastal Harvest Food Bank.
<b>SCCC</b>	Bicycle Repair	Lions Club	46 bikes repaired and donated in the past year.
<b>SCCC</b>	Wheelchair Repair	Wheels for the World	86 wheelchairs repaired.
<b>SCCC</b>	SBU Knitting Class	Family Promise	35 knitted hats were donated to individuals experiencing homelessness, 23 bracelets and 3 necklaces were donated to visiting children, 32 teddy bears were donated to Family Promise.
<b>SCCC</b>	SBU Art Class	SCCC	SBU Art Club created 20 sculpted Madballs which were given out to facility staff for office décor.
<b>SCCC</b>	Correctional Industries, Christmas for Kids, Paint Shop	Toy Time	760 toys were donated to Connections of Grays Harbor Children's Advocacy Center
<b>SCCC</b>	Violence Prevention	Ballard Food Bank	Incarcerated individuals donated a total of 970 lbs. of produce.
<b>SCCC</b>	COVID-19 Community Fundraiser	Beyond Survival for victims of sexual assault	Chinese food and soda fundraiser raised \$5,741; 40% went to Beyond Survival organization and Family Promise. Remaining 60% went to the Sustainability account to support sustainability programs for incarcerated individuals.
<b>WCC</b>	Plant starts	Thurston County Food Bank	456 houseplants were donated to the Thurston County Food Bank.
<b>WCC</b>	Vegetable gardens	Hoodsport Canal Food Bank, Matlock Community Church, Thurston County Food Bank, Kitchen for Homeless Catholic Community Services, Koku services Harvest Now	Incarcerated individuals grew 30,093 lbs. of produce! 79% was donated to local food banks, 17% used in the CI Kitchen, and 5% consumed by workers.
<b>WCC</b>	Shoe and clothing repurposing	Correctional Industries	Program suspended due to COVID.



<b>WCCW</b>	Gardens and greenhouses	Tacoma CC, WSU Extension, Pierce County	Data not available this reporting period.
<b>WCCW</b>	Sisters of Charity: quilts, fabric crafts, wildlife rescue	Community members donate supplies; various charities receive items	Data not available this reporting period.
<b>WSP</b>	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.
<b>WSP – SPL</b>	Overview of numerous SPL programs	Receive materials donations from partners; donated to 550 charities since start of SPL in 2012	Donated 5,782 items to non-profits and charities.
<b>WSP – SPL</b>	SPL: Wood Shop & Wood Carving		2,790 items were created and donated to nonprofits and charities.
<b>WSP – SPL</b>	SPL: Furniture Repair		1,700 work orders for institutional furniture were repaired and reused.
<b>WSP – SPL</b>	SPL: Art Program	Various non-profits partners	450 paintings were donated in 2022.
<b>WSP – SPL</b>	SPL: Quilting		750 quilts were donated in 2022.
<b>WSP – SPL</b>	SPL: Green Zone		Grew 16,206 lbs. of produce and over 10,000 plugs were started.



*Pumpkins from AHCC donated to Shriners Hospital. Photo by DOC staff.*

## Community Work Crews

Many incarcerated residents of minimum-security prisons (LCC, OCC, 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 670 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 16. Community work crew special projects, January 2022– December 2022 (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 management of forest lands to aid in conservation of natural resources and prevent wildfires.
CCCC	Forestry	DNR	Crews trained in re-forestation, land cleaning, wood-cutting, fire preventing, and forest firefighting worked with DNR and were dispatched to multiple fire projects.

<b>CCCC</b>	Community work	Multiple agencies	Crews worked an estimates 11,950 supervised crew hours. These crews worked for multiple small cities like City of Hoquiam, Hoquiam Schools, City of Oakville, South Puget Sound Community College, and Grays Harbor Community College. They also provided maintenance for The Orting Soldiers home, Hoss Field, city parks, and on/off ramps along the highway in Thurston County.
<b>LCC</b>	Forestry	DNR, USFS, Ecology	Crews planted ~320,000 trees across 800 acres. Crews were also dispatched to 24 wildfires. Other services include forest fuel reduction, litter clean-up, and trail and campground maintenance.
<b>LCC</b>	Community work	Multiple agencies	Despite reductions in crew sizes, crews managed to work 21,440 hours.
<b>OCC</b>	Community Crew	DNR, other agencies	Crews maintained local community gardens and grounds, built trails, painted buildings, and sorted salmon.
<b>OCC</b>	Forestry	DNR, other agencies	Off-site crews trained in and practice reforestation, wood-cutting, land clearing, and forest firefighting and fire prevention.



# Sustainable Operations 8

Sustainable Operations programs are managed by a dedicated WA DOC 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. Major sustainable operations initiatives include greenhouse gas emissions, energy, waste, toxins and potable water use reductions.

Sustainable Operations efforts during 2022 focused on energy and water conservation project planning and implementation. The agency has been fortunate enough to work with several partners to support these efforts. Work with partners included, but is not limited the projects listed in the table below:

*Table 17. Summary of sustainable operations projects and partners for 2022. (See [Appendix 3](#) for acronyms)*

Partner	Project
<b>U.S Department of Energy's State &amp; Community Energy Program</b>	Sustainable Corrections Accelerator partnership
<b>U.S. Forest Service Wood Innovations division, WSU Energy Program, and WA DNR</b>	Larch Corrections Center biomass project
<b>The Department of Commerce's SEEP Office</b>	Ongoing support and leadership of the department's energy and emissions reduction efforts
<b>Pacific Northwest National Laboratory</b>	Continued support of DOC's sustainable operation planning efforts and newly targeted technical support and planning efforts in facility operations
<b>The Department of Enterprise Service's Energy Program</b>	Provided guidance and opportunities to implement energy performance contracts and connected DOC with energy service companies. This project is described in more detail below.
<b>The Washington State Treasure Lease Purchasing Program</b>	Facilitated the department's access to and completion of successful resource conservation projects.

## Capital Planning and Development

The Capital Planning and Development leadership team led the agency's dedicated facility managers in several efforts to strengthen the foundations and outcomes of proactive facility maintenance, preservation, and resource conservation efforts.

During 2022, staff in the Department's Capital Planning and Development division completed a substantial, multi-year effort to provide the agency's facility management with better tools and training to manage facility infrastructure maintenance and capital planning needs. Major changes due to the effort include:

- Subscribing to the premise that the most cost-effective measure in achieving resource conservation and greenhouse gas emission reductions is first and foremost a robust and well-supported facility maintenance program and well-designed and implemented facility preservation projects. The Capital Planning division led the DOC Facility Management team in the adoption of new software tools provided by the energy services company Ameresco.

- Becoming a proactive organization by scheduling preventative maintenance tasks. This increases asset life and extends renewal cycles. Additionally, this supports DOC in moving away from a strictly reactive maintenance process.
- Providing easy access to energy, fuel, water, and other resource data, which assists in management and reporting.
- Providing capital planning funding need forecasts, risk and priority management, and tools to facilitate and prioritize funding requests. Facilitating strategic long-range planning to better identify and fund energy and resource conservation opportunities in DOC prison and work release facilities.
- Facilitating statewide HVAC systems balancing and returning training workshops. These were facilitated by the agency's Capital Planning division and presented by Pacific Northwest Laboratories. This effort brought facility managers the training and support requested in the sustainable operations planning sessions and resulted in marked energy savings.

### **Project Highlight: Clallam Bay Corrections Center Boiler Project**

This past year also saw the completion of several energy conservation projects at facilities, including a very successful major energy and resource conservation effort at the remotely located Clallam Bay Correction Center (CBCC). This was a complex project designed as an Energy Performance Contract and delivered by the energy services company UMC. The goal of the project was to replace aged and failing oil boilers used for heating. The project team used combined funding resources to expand the project scope and achieve a wide swath of additional energy and water conservation measures. These additional measures are resulting in significant cost savings as well as the projected energy, water, and greenhouse gas emission reductions.

#### **CBCC Project Scope Summary**

As mentioned above, the scope of the CBCC project included several energy and water savings measures and many improvements including:

- Replacing the fuel oil boiler plant with new propane fired, fully condensing hydronic boilers.
- Converting the kitchen steam equipment to electric.
- Converting the steam supplied dryers in the laundry to direct fire propane.
- Upgrading interior and exterior lighting to LED throughout the entire campus.
- Converting the BAS (building automation system) controls from a proprietary system to an open-source platform.
- Outfitting domestic plumbing fixtures with control valves and separate touch screen controls.
- Installing submetering at the building level throughout the campus.
- Refurbishing heat recovery systems to capture otherwise wasted energy from exhaust air streams.
- Re-commissioning air handlers to restore original functionality and efficiency.

#### **Projected and Achieved Results to Date**

As a result of this project CBCC's:

- Energy Use Intensity (EUI) was reduced by 40% from 158.1 to 94.7
- Carbon emissions were reduced by 57% from 2,832 tons per year to 1,609 tons per year.
- Water savings exceed 4,000,000 cu.ft./yr.

- Unit savings at the baseline utility rates in effect totaled \$356,238/yr., which does not include the savings associated with the switch from fuel oil to propane as commodity cost savings. Including those savings, the expected annual savings for the project are \$761,346/yr. Figure 3 below shows the utility costs savings through approximately 6 to 7 months.

Additional project benefits include:

**Utility Rebates:** Clallam Bay PUD issued a rebate for lighting improvements associated with this project of \$105,000.00. Additional PUD utility rebates are expected and will be confirmed in the coming months. In addition, the lighting improvements allowed the incarcerated individuals significantly increased access to outside activity.

**Additional Scope:** Due to construction cost savings and availability of unused contingency funds, several additional improvements were completed along with items in the base scope of work.

**Electrification:** Due to the conversion from steam to hot water heating, the building's infrastructure can more easily be converted to electric equipment in the future as the grid capacity allows.

**CBS Compliance:** While this project was being developed, the new Washington State Clean Building Standard was not in place, and this was not an identified objective. However, the early results indicate that the campus will meet the new State Clean Building Standard based on the calculated EUI.

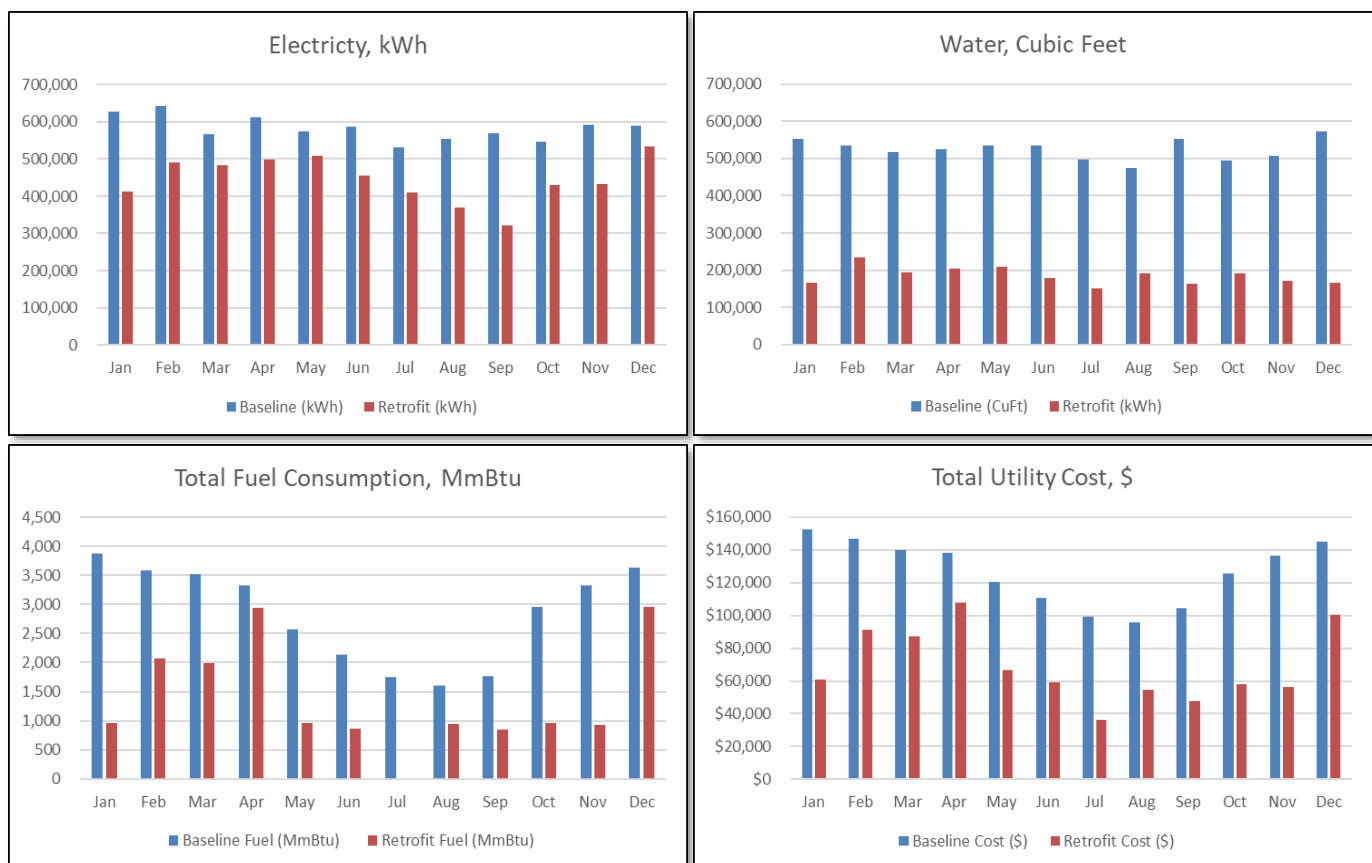


Figure 3. 2022 CBCC Utility Costs Savings. It should be noted that the contractual Measurement and Verification (M&V) process has not been completed; this is a utility consumption comparison from the baseline period to the present period as of March 2023.



# Sustainable Job Programs 9

The list included in the table below shows WA Corrections sustainability job programs operating during this reporting period (data provided by WA Correction's OMNI system). These job programs represent work involving sustainability, science, and contact with non-human nature. 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 categories (e.g., technicians working on composting or installing energy efficient fixtures).



*CRCC Dog Program Graduates. Photo by DOC Staff.*

According to OMNI, approximately 2,199 incarcerated individuals held sustainability-related jobs during this reporting period, which is approximately 16% of the 13,117 people incarcerated in WA prisons as of December 2022. Due to COVID-19 related lock downs and restrictions, many of the assigned workers were not able to perform their duties during this reporting period.



*MCC TRU Beekeepers check their hive. Photo by DOC Staff.*

Table 18. Sustainability Job Programs in WA Prisons, January – December 2022

Note: Does not include volunteers (see above) or students (see [Education](#)).

Sustainability Job Program	# of Prison Sites
Bee Conservation Tech / Class Facilitator	6
Bicycle Repair	1
Bike & Wheelchair Repair	1
Butterfly Rearing Tech	1
Cat Handler	3
Community Work Crews (includes Clerks)	9
Compost Worker / Food Waste Recycler	2
Computer Refurbishing	1
Cultural Crafts Program	1
Dog Handler (includes service trainers)	10
Dog Walker	2
Forestry I Worker	4
Forestry II Worker	1
Gardening, Organic	1
Horticulture Worker I	8
Horticulture Worker II	2
Prairie Plant Conservation	3
Re-Use Fabric-Sustainable / Quilting	2
Recycling Worker / Recycling & Reclamation	9
Sustainability Worker / Clerk	2
Turtle Technician	1
Waste Treatment Operator I	2
Waste Treatment Operator II	2
Worm Farm Worker / Vermiculture	2

# Research and Evaluation 10

Program evaluation and research involving incarcerated people requires extensive review and resources for research design and implementation. Incarcerated people are designated as a “vulnerable population” to reduce the risk of harm to them. As a result, any inquiries involving incarcerated people or related data require extensive review and approval processes. SPP-Evergreen and our partners have not had sufficient resources to research program impacts to the extent we would like. Despite limited capacity, SPP-Evergreen does our best to learn about outcomes and ways to improve. This section provides updates on research and projects with external partners, as well as SPP involvement in graduate student theses.

## Research with External Partners

### *University of Washington*

Since the 2021 Annual Report, SPP was approached by UW Professor of Landscape Architecture, Daniel Winterbottom, to advise on potential research. The research project explores human-nature interactions in prison and how prisons can be changed to effectively use the therapeutic benefits nature provides. SPP assisted Dr. Winterbottom in connecting him with the WA Corrections Research and Data Analytics (RDA) department, recommending research sites, and will introduce him to former staff and program participants in the community.

### *Garden to Kitchen Project*

In 2020, former SPP Environmental Workshop Series Coordinator, Erica Benoit, wrote her MES thesis exploring prisons as food deserts. Inspired by her work and our long-standing gardening program collaborations, SPP staff and a volunteer began developing a project to better understand how to make prison grown produce more available for incarcerated people. After gaining support from WA Corrections Secretary Cheryl Strange, and understanding successful programs in other states, a team was assembled to focus on collaboration between gardens to kitchens in Washington prisons. The team includes members from SPP, DOC HQ, and WA DOH (Department of Health) and input

from incarcerated people and DOC facility staff. The team developed a three-phase approach to better understand Washington’s successes and challenges with using prison grown produce inside the facilities. First, SPP gathered information from all facility kitchen managers and facility plant managers. Additionally, SPP hosted four listening sessions with incarcerated gardeners to include their perspectives.



*An incarcerated gardener shows off some garden grown tomatoes at WCC. Photo by Derek Thedell.*





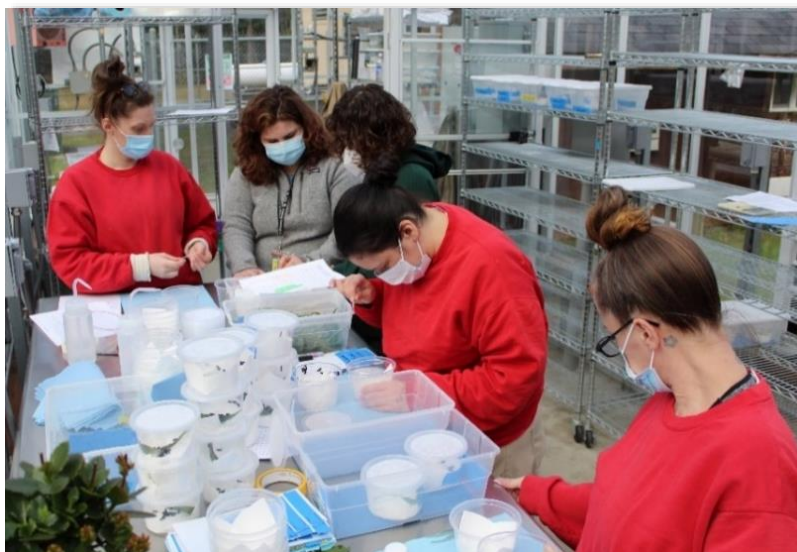
*Emily Passarelli and Jen Bass discuss prison grown produce with incarcerated gardeners at WCC. Photo by WCC Staff.*

Although these listening sessions were not considered research, SPP worked closely with the Research and Data Analytics Department at DOC to determine this work exempt from the research process. Finally, information from these sources was summarized in a report including proposed solutions and identified resources to address the identified challenges to using prison grown produce in facilities.

SPP will continue to work on this project in 2023. The team plans to pursue funding from DOH to assist in overcoming challenges mentioned by kitchen managers and incarcerated gardeners. SPP, in partnership with DOH, will also develop new educational resources requested by staff and incarcerated gardeners.

## Student Theses

Master of Environmental Studies student Carly Boyd completed her thesis investigating the importance of accurate environmental conditions during captive rearing of endangered butterflies. Carly collaborated with incarcerated Taylor's Checkerspot Butterfly technicians on this thesis. She analyzed seven years of data from SPP's Taylor's Checkerspot Butterfly Program at MCCCW to understand the significance of maintaining environmental conditions that mimic natural conditions in the field. Results showed that current environmental targets were often not met with no clear negative effects. However, controlled environments still prove important for captive butterfly rearing.



*SPP Butterfly Coordinators Caryl Boyd and Ray Dunning work with Butterfly Technicians at MCCCW during larvae wakeup. Photo by Kelli Bush.*

To learn more about Carly's research, visit: <http://collections.evergreen.edu/s/repository/item/10902>

# SPP Network 11

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 2022 reporting period. With the exception of OCC, every prison in WA hosts one or more programs coordinated by SPP-Evergreen including [beekeeping](#), [Foundations in Gardening](#), and [ecological conservation](#) programs. Posted below is a summary of SPP-Evergreen’s new and project-specific contacts within Washington state.

*Table 19. SPP-Evergreen's significant new or renewed contacts in Washington State, January – December 2022.*

Organization	Interest in SPP
Seattle Tilth	Reviewing Composting Modules
The Nature Conservancy- WA	Discussion re: assessing work programs involving incarcerated people; advised on listening session process
WA Dept. of Natural Resources	Potential collaboration on arboriculture education
Washington Department of Transportation	Potential collaboration on education and training and post-release employment
Katherine Beckett, UW Bothell	Interest in collaborating on developing education modules on environmental justice
Sally Brown and Chuck Henry, UW	Authoring composting modules and advising on course outline
Justin Maltry, WSU	Reviewing composting modules
Lily Raabe, Olympia Community Theatre	Activity building advising for composting curriculum
Institute for Applied Ecology	Advised on the Foundations of Composting curriculum creation
Michael Twiggs & Barbara Kaelberer	Interest in aquaponics collaboration
Daniel Winterbottom, UW	Interested in therapeutic gardens in prisons
Department of Ecology	Composting and statewide food waste reduction goals
Grady Mitchell	Advised on hiring practices, provided training during staff meetings, and partnered on Roots of Success



*Collection of organizations that focus on ecological programs in the justice system at the Ecologies for Justice Conference, hosted by SPP-Evergreen, June 2022. Photo by Derek Thedell.*

## 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 total number and significance of contacts continues to expand. The table below provides a summary, and national interest in SPP-model programming is also summarized in Figure 4.

*Table 20. 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
Unconditional Freedom	Sustainability and ecological restoration programs; potential collaboration	CA
Insight Garden Project, Institute for Applied Ecology, and UC Davis Center for Citizen and Community Science	Collaboration and resource sharing regarding reentry support and ecological conservation programs	CA & OR
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, U of North Florida	Studying impacts of pet programs in prisons	FL
Michigan State University, Dept. Of Entomology	Interested in bird monitoring programs	MI
DOC Staff – Michigan Prisons	Interested in a beekeeping program for MI facilities	MI



LoveLoud Foundation	Partnering with SPP to develop and launch composting programs in Nevada prisons	NV
Alex Sharp, Wheelhouse Media	Served as background resource re: human-centered language and statistics behind incarceration	VA
Team Pennsylvania Foundation	Interested in impacts of agricultural programs	PA
Ecologies of Justice	National network of orgs working at the intersection of prison or jail programs, community-based interventions, environmental justice, and ecological sustainability	National
Transform Prisons International	Interested in improving prisons in Ghana	Ghana
Pasona Panasonic Business Service Co	Request to use SPP Photos	Japan
World Affairs Council	Interested in presentation for delegation from North Macedonia	Macedonia
PhD Student	Interested in interviewing SPP for research	UK

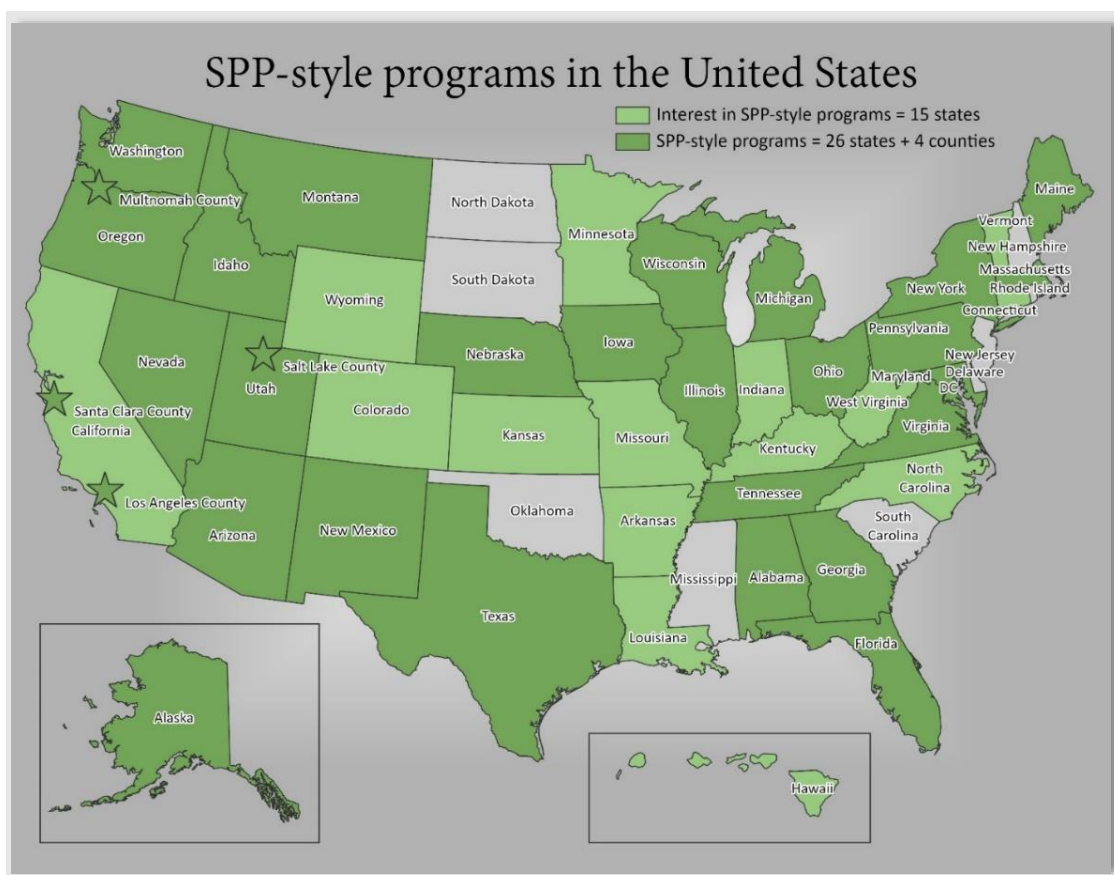


Figure 4. Prevalence of SPP-style programs nationwide.

# Dissemination 12

## 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 21; this table excludes presentations within established programs. Overall, the number of presentations was significantly less than usual due to continued event cancellations resulting from the global pandemic.



*Ecologies of Justice Conference at The Evergreen State College. Photo by Yoga Beyond Bars guest.*

*Table 21. SPP-Evergreen Presentations, January – December 2022 (see [Appendix 3](#) for abbreviations).*

Date	Presenter(s)	Title	Venue
6/23/2022	Kelli Bush, Carl Elliott	SPP Overview and Conservation Programs	Sentinel Lands Program
7/22 & 7/23/2022	Kelli Bush, Emily Passarelli, Liz Louie, Carolina Landa, Stacy Moore, Karen Hall	Ecologies of Justice Conference	The Evergreen State College
10/15/2022	Kelli Bush, James Jackson, Carolina Landa	Prison Education Project: Liberation Education, Reentry and Resilience Network	The Evergreen State College-Return to Evergreen Alumni Weekend
10/28/2022	Kelli Bush, Anthony Zaragoza, Eirik Steinhoff	Evergreen Board of Trustees-Student Success Sub Committee	The Evergreen State College
11/7/2022	Kelli Bush, Anthony Zaragoza, Eirik Steinhoff, James Jackson	Evergreen Board of Trustees	The Evergreen State College
12/5/2022	Kelli Bush	Sustainability in Prisons Project	UW Restoration Ecology Class

## 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. Visitor restrictions due to COVID-19 limited the number of tours during this reporting period.



*WSP SPL manager Chris McGill gives Kelli Bush and Sarah Larson a tour of the SPL composting program. Photo by Carl Elliott.*

*Table 22. SPP-Evergreen Tours, January – December 2022 (see [Appendix 3](#) for abbreviations).*

Date	Visitors	Tour Area	Facility
5/3/2022	Kelli Bush, NYU, Illinois DOC	SPP Western Pond Turtle Program Area	CCCC
6/16/2022	Leah Randall, Derek Thedell, Emily Passarelli	Composting and Black Soldier Fly Area	WCC
6/25/2022	Kelli Bush, Carl Elliott, Sarah Larson	Future Sagebrush site and SPL garden and program areas.	WSP
11/21/2022	Kelli Bush, Derek Thedell	Composting/gardening area.	WCC





*SPP Turtle Program coordinator Marissa Scoville and WDFW biologists take photos at a turtle release. Photo by Kelli Bush*

## Media Coverage

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

*Table 23. SPP Media, January – December 2022*

Date	Source	Author	Title
6/7/2022	Will We Make It Out Alive Season 3	Nalini Nadkarni, Kelli Bush	<a href="#">S3E1</a> : From the tree canopy to the prison grounds.
6/21/2022	Will We Make It Out Alive Season 3	James Jackson, Kelli Bush	<a href="#">S3E2</a> : Reducing recidivism through education, science, and nature.
7/5/2022	Will We Make It Out Alive Season 3	Kelli Bush, Mary Linders, Carolina Landa	<a href="#">S3E3</a> : If you're not a partner of the solution, you're a partner of the problem!
7/19/2022	Will We Make It Out Alive Season 3	Kelli Bush, Carl Elliott	<a href="#">S3E4</a> : Plugging away at the South Salish Lowland Prairies.
8/2/2022	Will We Make It Out Alive Season 3	Mary Linders, Liz Louie	<a href="#">S3E5</a> : Why did the caterpillar cross the road? To get to the artillery range.
8/12/2022	WADOC Newsroom	WA Corrections	<a href="#">Cedar Creek Turtle Program: Rehabilitated Endangered Turtles Get Released</a>
8/16/2022	Will We Make It Out Alive Season 3	Kelli Bush, Emily Passarelli	<a href="#">S3E6</a> : Letting knowledge and nature in.
8/30/2022	Will We Make It Out Alive Season 3	Emily Passarelli, Grady Mitchell	<a href="#">S3E7</a> : Success starts at the root.
8/31/2022	WADOC Newsroom	Danielle Jimenez	<a href="#">Incarcerated Women Raise Endangered Butterflies</a>



## Outreach

During this reporting period, SPP posted 5 blog posts (<http://sustainabilityinprisons.org/blog-galleries/blog/>) to the SPP website ([sustainabilityinprisons.org](http://sustainabilityinprisons.org)). The blog posts are summarized in the table below.

*Table 24. Popular SPP blog posts, January – December 2022.*

Title	Author	Date
Tacoma Community College's Horticulture Program is in Full Bloom	Jennifer Bass	12/05/2022
Gardens at Stafford Creek Corrections Center	Sarah Larson	09/20/2022
WCC Seed Nursery	Michelle Klim	08/12/2022
The Cedar Creek Turtles Return	Marissa Scoville	06/03/2022
From Worms to Flies, SPP is Enriching the Soil of 2022 with a New Composting Program	Derek Thedell	02/04/2022

SPP's main outlets for social media include Facebook ([facebook.com/sustainabilityinprisons/](https://facebook.com/sustainabilityinprisons/)) and Instagram ([instagram.com/sustainabilityinprisons/](https://instagram.com/sustainabilityinprisons/)).

The SPP Facebook page gained 37 page likes in this reporting period and the SPP Instagram page gained 50 new followers. During this reporting period, we made 38 posts on Facebook that received over 2,000 likes. The most popular posts are summarized in the following table.

*Table 25. Most popular Facebook posts, January – December 2022.*

Subject	# People Reached	# Likes	Date
Share: Women in the TCC horticulture decorate the governor's mansion	547	43	12/8/2022
Blog Post: Tacoma Community College Horticulture Program	2,049	6	12/05/2022
Giving Tuesday Post	1,014	9	11/29/2022
Mark Your Calendar Giving Tuesday Post	1,489	9	11/22/2022
Hiring Science and Sustainability Education Manager Post 2	1,240	8	9/12/2022
Hiring Science and Sustainability Education Manager Post 1	757	10	9/2/2022
2021 Annual Report Post	484	17	8/3/2022
Share: WA DOC Bees at MCCCW	353	19	7/15/2022
World Bee Day	647	24	5/20/2022
Congratulations to Evergreen Faculty Member Carrie LeRoy	502	25	2/11/2022
Wester Pond Turtle	368	22	2/5/2022

# Appendix 1. SPP Programs

## *SPP Programs in Washington State Prisons – 2022*

We reported on **89** SPP programs in Washington State’s 12 prisons this year; see Table 26, 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/>.

*Table 26. SPP Programs reported by all 12 WA prisons (see [Appendix 3](#) for abbreviations).*

*\*Suspended due to COVID-19; \*\*Based of 2021 Reported Programs*

### **Airway Heights Corrections Center (AHCC)**

Waste sorting & recycling  
Computers 4 Kids  
Firewood donation  
Nature imagery  
Large-scale composting  
Forestry  
Community work

Reclaimed Water System  
Beekeeping  
Gardens: Main  
Gardens: Minimum  
Worm farm: Main  
Flower gardens  
Pollinators

### **Clallam Bay Corrections Center (CBCC)**

Beekeeping  
Waste sorting & recycling  
Cat program  
Wastewater Treatment

Vegetable gardens  
Flower gardens, boxes, baskets  
Dog training and adoption\*  
Farmers Market

### **Cedar Creek Corrections Center (CCCC)**

Waste sorting & recycling  
Large-scale composting  
Training dogs for veterans  
Horticulture  
Construction  
Water use reduction and catchment  
Waste Treatment  
Forestry

Community work  
Aquaponics  
Vegetable gardens  
Flower gardens  
Acoustic Monitoring  
Beekeeping – CCCC\*  
Beekeeping – McNeil Island Stewardship  
Western pond turtle rehabilitation

### **Coyote Ridge Corrections Center (CRCC)**

Land Restoration  
Heritage and bee gardens  
Garden: Main  
Waste sorting & recycling  
Ridge Dogs  
Service dogs for veterans

Composting: Minimum  
Gardens: Minimum  
Bee Garden  
Gardening Class  
CRCC Sustainability Lecture\*  
Toys for Tots\*

Teddy bears from reclaimed materials\*

Beekeeping

### **Larch Corrections Center (LCC)**

Gardens  
Bird feeders  
Wood craft donations  
Forestry

Community work  
Plantain  
Beekeeping

### **Mission Creek Corrections Center for Women (MCCCW)**

Small-scale composting  
Waste sorting & recycling  
Pawsitive Prison Project and  
House Plants  
Cat program and House plants  
Gardens  
Vegetable gardens

Flower gardens  
Wildflower Planting for Pollinators  
Chicken Tenders (Chicken Care & Education)  
Conservation crews\*  
Plant and animal habitat\*  
GRACE (Gardening for Restoration and Conservation  
Education) Projects

### **Monroe Correctional Complex (MCC)**

#### **WSR**

Bird habitat  
Waste sorting & recycling: MSU\*  
Wastewater Treatment Certification: MSU\*  
Community Crew: MSU

#### **SOU\*\***

Beekeeping  
Vegetable gardens

#### **TRU**

Community Aide Coalition: quilting, crochet, textile arts\*  
Dog training and adoption

Flower gardens\*  
Vegetable gardens\*  
Gardening curriculum development\*

Nature Imagery  
Cat program

Gardens  
Beekeeping

### **Olympic Corrections Center (OCC)**

Waste sorting & recycling  
Large-scale composting  
Wastewater Treatment  
Solar power  
Firewood for native American programs

Community Crew  
Forestry  
Gardens  
Flower gardens, boxes, baskets

### **Stafford Creek Corrections Center (SCCC)**

Sustainability channel  
Large-scale Composting  
Waste sorting & recycling  
Water catchment  
SPL: Bicycle Repair  
SPL: Wheelchair Repair  
Freedom Tails  
Service dogs for veterans

Family Promise of Grays Harbor  
Birdhouses  
Pollinator plantings  
Flower gardens, boxes, baskets  
Toy Time  
Skill Builder Unit (SBU) Art Class  
Gardens and greenhouses  
Violence Prevention

Sustainability Fundraiser  
SBU Looming Class  
Electric Cars and Charge Stations  
Roots of Success

Beekeeping  
Prairie Conservation Nursery  
Gardening curriculum development

### Washington Corrections Center (WCC)

Flower gardens, boxes, baskets  
Plant starts  
Construction: bus stops, tiny homes, Neighborhood  
Pantries, bird houses  
Houseplants  
Large-scale composting  
Waste sorting & recycling  
Shoe and clothing repurposing

Training dogs for veterans  
Vermiculture/ Soldier Fly and Bokashi composting  
Chicken Program  
Gardens and greenhouses  
Prairie Conservation Nursery  
Beekeeping, "Intensive Bee Management Unit"  
Gardening in Intensive Management Unit (IMU)

### Washington Corrections Center for Women (WCCW)\*\*

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\*

### Washington State Penitentiary (WSP)\*\*

Institutional Sustainability Garden  
Waste sorting & recycling  
Composting, main

#### **BAR Units**

Kitten program\*

#### **MSU**

Beekeeping\*  
Flower gardens  
Rental garden boxes\*

#### **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

**89 active programs reported by 12 prisons**

Electrical upgrades  
Water conservation

Crochet Program\*

Dog program\*  
Community work crew\*

SPL: Art program  
SPL: Creative Projects  
SPL: Quilting\*  
SPL: Creative projects  
SPL: Water treatment systems\*  
SPL: Green Zone



# Appendix 2. SPP Partners

## *SPP Partners in Washington State Prisons – 2022*

Complementing the efforts of founding partners, WA Corrections and Evergreen, program partners contributed 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!

*Table 27. SPP Partners and Allies (Partnering with WA Corrections, Evergreen, or both), January – December 2022.*

<a href="#">Adams County Pet Rescue</a>	<a href="#">Evergreen Education Coalition for Justice Involved Students</a>
<a href="#">ARC of Tri-Cities</a>	<a href="#">Fallen Outdoors</a>
<a href="#">Assist International</a>	<a href="#">Family Promise of Grays Harbor</a>
<a href="#">Benton Franklin Humane Society</a>	<a href="#">Farm to School</a>
<a href="#">Black Prisoners Caucus</a>	<a href="#">Forks Chamber of Commerce</a>
<a href="#">Blue Mountain Action Council</a>	<a href="#">Forks Lions Club</a>
<a href="#">Bogachiel Fish Hatchery</a>	<a href="#">Forks Soroptimists</a>
<a href="#">Brigadoon Service Dogs</a>	<a href="#">Forks Timber Museum</a>
<a href="#">Calbag Metals</a>	<a href="#">Franklin County Sheriff's Office</a>
<a href="#">Canyon Creek Cabinet Company</a>	<a href="#">Friends of the Carpenter</a>
<a href="#">Catholic Charities of Eastern Washington</a>	<a href="#">Friends of Puget Prairies</a>
<a href="#">Center for Natural Lands Management</a>	<a href="#">Friends of Willapa Wildlife Refuge</a>
<a href="#">Central Kitsap Food Bank</a>	<a href="#">Great Peninsula Conservancy</a>
<a href="#">Centralia College</a>	<a href="#">GRACE Project</a>
<a href="#">Cherish our Children</a>	<a href="#">Habitat for Humanity</a>
<a href="#">Christian Aid Center</a>	<a href="#">Hard Headz</a>
<a href="#">Christmas for Kids</a>	<a href="#">Harvest Now</a>
<a href="#">City of Airway Heights</a>	<a href="#">Holy Rosary Church</a>
<a href="#">City of Monroe</a>	<a href="#">Hood Canal School District</a>
<a href="#">City of Ocean Shores</a>	<a href="#">Hood Canal Food Bank</a>
<a href="#">City of Sultan</a>	<a href="#">Hope Crew</a>
<a href="#">Clallam Bay Food Bank</a>	<a href="#">Humane Society for Southwest Washington</a>
<a href="#">Clark County Beekeeping Association</a>	<a href="#">I-CON Systems, Inc.</a>
<a href="#">Clark County Food Bank</a>	<a href="#">Institute for Applied Ecology</a>
<a href="#">Coastal Harvest</a>	<a href="#">Institute for Human-Animal Connection</a>
<a href="#">Correctional Industries</a>	<a href="#">Interfaith Family Shelter</a>
<a href="#">Diamonds in the Ruff</a>	<a href="#">Jefferson Land Trust</a>
<a href="#">Dolly Haakenson</a>	<a href="#">Joint Base Lewis-McChord</a>
<a href="#">Domestic Violence Services of Snohomish County</a>	<a href="#">Justice Involved Students Group, Evergreen</a>
<a href="#">Duke University</a>	<a href="#">K &amp; S Recycling</a>
<a href="#">Everett Police Department</a>	<a href="#">Kaff Zanjira</a>
<a href="#">Evergreen Hospice</a>	<a href="#">Kalaloch Lodge</a>
<a href="#">Kitsap Conservation District</a>	<a href="#">Providence Hospital</a>

<a href="#">Kitsap Humane Society</a>	<a href="#">Purrfect Pals</a>
<a href="#">Kiwanis Hoodport</a>	<a href="#">Quileute High School</a>
<a href="#">Korean Women's Association</a>	<a href="#">Quileute Tribe</a>
<a href="#">Lake Quinault Fire Department</a>	<a href="#">Quillayute Valley Scholarship Auction</a>
<a href="#">Lamb Weston</a>	<a href="#">Quillayute Valley School District</a>
<a href="#">Lettuce Grow</a>	<a href="#">Relay for Life</a>
<a href="#">Lions Club</a>	<a href="#">Roots of Success</a>
<a href="#">Little Bit Therapeutic Riding Center</a>	<a href="#">Salmon for Soldiers</a>
<a href="#">Little Earth Farm</a>	<a href="#">Samish Nation</a>
<a href="#">Littlerock Elementary School</a>	<a href="#">Sarge's Place for Homeless Vets</a>
<a href="#">Makah Tribe</a>	<a href="#">Seattle Children's Hospital</a>
<a href="#">Marysville Police Department</a>	<a href="#">Shriners Hospital for Children</a>
<a href="#">Master Composters</a>	<a href="#">SNAP Spokane</a>
<a href="#">Master Gardeners</a>	<a href="#">South Sound Prairies</a>
<a href="#">Matlock Community Church</a>	<a href="#">Snohomish County Boys &amp; Girls Club</a>
<a href="#">Mid-Columbia Beekeepers</a>	<a href="#">Snohomish County CTA</a>
<a href="#">Millers Homestead</a>	<a href="#">Snohomish County Sheriff's Office</a>
<a href="#">Monroe Community Senior Center</a>	<a href="#">Snohomish Tribe</a>
<a href="#">Monroe Police Department</a>	<a href="#">Spokane Humane Society</a>
<a href="#">Mother Earth Farm</a>	<a href="#">SpokAnimal</a>
<a href="#">NASA Astrobiology Program</a>	<a href="#">SPP Tasmania</a>
<a href="#">Nature Imagery in Prisons Project (NIPP)</a>	<a href="#">St. Leo's Parish – Tacoma</a>
<a href="#">North Mason Food Bank</a>	<a href="#">Summit Assistance Dogs</a>
<a href="#">North Olympic Peninsula Beekeepers Association</a>	<a href="#">Sunshine and Rainbows Child Development Center</a>
<a href="#">Northwest District Beekeepers Association</a>	<a href="#">Sustainable Living Center</a>
<a href="#">Ohio Department of Rehabilitation and Corrections</a>	<a href="#">Swedish Hospital</a>
<a href="#">Ohio State University</a>	<a href="#">Symbiotic Cycles</a>
<a href="#">Olycap</a>	<a href="#">Tacoma Community College</a>
<a href="#">Olympia Beekeepers Association</a>	<a href="#">Texas Department of Criminal Justice</a>
<a href="#">Olympia Community Solar</a>	<a href="#">Thurston County Food Bank</a>
<a href="#">Olympic Natural Resource Center</a>	<a href="#">Tilth Alliance</a>
<a href="#">Olympic Peninsula Humane Society</a>	<a href="#">Town of Clearwater, WA</a>
<a href="#">Oregon Food Bank</a>	<a href="#">Treehouse for Kids</a>
<a href="#">SPP Oregon - Oregon Department of Corrections</a>	<a href="#">Tri-Cities Toys for Tots</a>
<a href="#">Oregon State University Extension Service</a>	<a href="#">U.S. Fish and Wildlife Service</a>
<a href="#">Oregon Zoo</a>	<a href="#">U.S. Forest Service</a>
<a href="#">Over the Rainbow Fabrics</a>	<a href="#">Union Gospel Mission</a>
<a href="#">Pacific Rim Institute for Environmental Stewardship</a>	<a href="#">University Beyond Bars</a>
<a href="#">PAWS</a>	<a href="#">University of Utah</a>
<a href="#">Peninsula College</a>	<a href="#">University of Washington Ecosystem Science Division</a>
<a href="#">Pioneer United Methodist Church</a>	<a href="#">University of Washington Composting and Waste Treatment Scientists</a>
<a href="#">PPL Electric Utilities</a>	<a href="#">University of Washington – Tacoma, Professors Criminology &amp; Restoration Ecology</a>
<a href="#">Project 41</a>	<a href="#">Welfare for Animals Guild (WAG)</a>
<a href="#">Un-loop</a>	<a href="#">West Columbia Gorge Humane Society</a>
<a href="#">Urban League of Metropolitan Seattle</a>	<a href="#">West Plains Beekeepers Association</a>

<a href="#">Walla Walla Sustainability Living Center</a>	<a href="#">West Sound Beekeepers Association</a>
<a href="#">Washington Department of Fish and Wildlife</a>	<a href="#">West Sound Wildlife Shelter</a>
<a href="#">Washington Office of Superintendent of Public Instruction</a>	<a href="#">Westlake Shelter</a>
<a href="#">Washington State Beekeepers Association (WASBA)</a>	<a href="#">Westport Shipyard</a>
<a href="#">Washington State Board of Community and Technical Colleges</a>	<a href="#">Wheels for the World</a>
<a href="#">Washington State Department of Ecology</a>	<a href="#">Whidbey-Camano Land Trust</a>
<a href="#">Washington State Department of Enterprise Services</a>	<a href="#">Wolf Haven International</a>
<a href="#">Washington State Department of Natural Resources</a>	<a href="#">Woodland Park Zoo</a>
<a href="#">Washington State Department of Transportation</a>	<a href="#">Wormfarm Institute</a>
<a href="#">Washington State Parks</a>	<a href="#">WSU Department of Entomology</a>
<a href="#">Waste Connections</a>	<a href="#">WSU Extension, Pierce County</a>
<a href="#">Waste Management</a>	<a href="#">YWCA</a>
181 reported organizations + 100s more charities receiving donations	

# Appendix 3. Abbreviations

Table 28. 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