

**Making Compost Happen:
Grant-Funded
Projects**

**Washington State
Department of Ecology
Solid Waste and
Financial Assistance Program**

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Making Compost Happen: Grant-Funded Projects
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Abstract: This publication provides information on six grant-funded composting projects, and a listing of 28 more projects throughout Washington, including contact names and telephone numbers.

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Thank you to our reviewers:

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Note: Ecology developed this booklet as a general information piece to introduce the reader to the range of composting projects in Washington. You can get detailed information on a specific project from the Regional Office and local government contact people listed for that project.

If you have a comment or question about the booklet itself, please call Mariann Cook Andrews in the Solid Waste and Financial Assistance Program, (360) 407-6065.

Additional copies of this booklet are available from Ecology's Publications Distribution Office, (360) 407-7472.

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If you have special accommodation needs or require this document in alternative format, please contact Mariann Cook Andrews at (360) 407-6065 (Voice) or (360) 407-6006 (TDD).

Section I OVERVIEW

Why Compost?

Organic materials — food waste, lawn clippings, shrub and tree trimmings — make up more than 30 percent of the garbage we throw away every year in Washington state. These materials are usually bulky and heavy, so their disposal is expensive. And landfilling or incinerating wastes their valuable soil nutrients.

Fortunately, there is a way to dispose of organic material that can cost less than landfilling and returns the nutrients to the soil. That way is *composting*.

How This Booklet Can Help

There are probably as many ways to approach composting as there are communities in Washington. This booklet shows how some local governments are using composting to take care of their organic wastes. All of the projects described here were supported by waste management grants from the Department of Ecology. Some of the projects were great successes; others were not. But all of these projects taught us something.

Section II of this booklet gives the details of some significant projects, including lessons learned. **Section III** lists most of the composting projects supported by Ecology grants, with contact names and phone numbers. **Section IV** is a list of projects cross-referenced by type, to help anyone who might be looking for ideas to benefit their particular situation or area of the state.

Ecology's regional offices and headquarters can provide more information on each project listed in this booklet. Just call the project officer or regional contact listed. For further details on a specific project, you will need to contact the local government contact person.

Things to Keep in Mind

Please note the information presented here is current as of Fall 1995, but some projects are still in progress.

We tried to include all grant-supported composting projects in this booklet, but some may have been overlooked. If you know of a project we missed, please call Mariann Cook Andrews at (360) 407-6065, in Ecology's Solid Waste and Financial Assistance Program.

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Section II SOME SIGNIFICANT PROJECTS AND LESSONS LEARNED

**King County Food Waste Collection,
Processing and Testing Project**
Grant # 9200143

Purpose: To find the best solution for handling food and yard wastes in King County (joint project with the City of Seattle Solid Waste Utility, Grant # 9200147).

Targeted waste stream: Commercial and residential food waste

Targeted audience: City and county agencies, local haulers and the public.

Description and status: Set of three, inter-related projects designed to test the characteristics of compost made from various food wastes and determine the feasibility of long-term countywide food waste collection and composting.

Commercial Food Waste Compost Study

Tested compost quality, ran growth trials over two growing seasons to evaluate the effects of project composts on plant growth, and conducted public demonstrations of composts. Information gathered is being used to assess the technical and economical feasibility of commercial food waste source separation, collection and composting.

Nonresidential On-Site Food Waste Composting

Assessed the technical and economical feasibility of composting food wastes on-site at commercial businesses. Reviewed regulatory requirements, identified and evaluated systems that could be used, analyzed composting at five sites, and conducted demonstration project.

Residential Food Waste Collection Pilot

Collecting food waste from residents in selected areas of the county. Investigating if providing collection services will increase residential sector recycling. Evaluating diversion potential, collection issues (will existing hauler equipment and systems work?, what collection containers will work best and be most acceptable to customers?, to what degree will the food waste be contaminated?, how much will it cost to provide this service?), Health Department concerns (odors, pests), and public attitudes toward separating food waste and making this a continuing service.

Have completed the feasibility study for commercial on-site composting. The report on the sampling analysis and growth trials is anticipated for June of 1995. The residential program is to begin in the fall of 1995.

Lessons learned:

- Found great interest in food waste diversion.
- King County currently lacks facilities to handle post-consumer food waste.

Products: Publications and reports — *Executive Summary; Commercial Food Waste Generation and Source Separation Feasibility Study; Commercial Food Waste Collection and Composting Demonstration, and Technical Feasibility Study; Compost Quality Testing; Full Scale Implementation Feasibility Analysis; Growth Trials and Demonstration Plots*

Project cost: \$285,000

Project timespan: December 1991 - June 1996

Local contact: Karen May, King County Solid Waste Division, (206) 296-4353

Ecology contacts: Peter Haskin, grant officer, (360) 407-6063

Peter Christiansen, Regional contact, (206) 649-7076

Seattle Food Waste Generation, Collection and Composting Trials

Grant #9200147

Purpose: Determine the overall composition of food waste disposed of in King County and conduct trials of various composting methods and their products. This grant was coordinated with King County Grant # 9200143, and included a portion of a cooperative element to build a compost facility and assess its performance.

Targeted waste stream: Food waste

Targeted audience: County and city agency officials and the public.

Description and status: Determining the composition of food waste being disposed of in King County, evaluating generator collection and separation issues, designing, permitting, and building a temporary facility, collecting samples and conducting composting trials, and evaluating different composting methodologies, and making recommendations.

The grant was closed in December 1994. Since then, Seattle has begun a residential food waste study, and is experimenting with de-watering at a transfer station drop-off site. It is felt a new facility is needed.

Lessons learned:

- Food waste estimates for the City of Seattle and King County were almost twice the estimates from previous waste characterization studies.
- Business is willing to participate in reduction of disposal, in favor of composting, if there are sufficient financial incentives. Separation of food is felt to be much more difficult in the food service provider group than for wholesale or retail groups.
- All strategies investigated to improve compostable collection and processing were adequate, though certain systems are better for certain products. (See reports)

Products: Final report: *Commercial Food Waste Collection and Composting Demonstration Project* -Vol. I - In development, Vol. II - *Assessment of Commercial Food Waste Generation and Source Separation Feasibility Study*, Vol. III - *Food Waste Collection and Composting Facility Implementation Results*, Vol. IV - *Compost Quality Testing*; articles in July, August and October 1995 issues of *Biocycle* magazine

Project cost: \$397,000

Project timespan: January 1992 - December 1994

Local contact: Chris Luboff, City of Seattle Solid Waste, (206) 684-7644

Ecology contacts: Peter Haskin, grant officer, (360) 407-6063

Peter Christiansen, Regional contact, (206) 649-7076

Spokane Compost Testing and Marketing Project

Grant # 9200058

Coordinated project of three elements designed to reduce the yard waste fraction of the waste stream by diverting it into compost that the public perceives as a desirable product. Elements included assessing the quality of compost developed at the Spokane facility, determining a market for the compost, and educating the public concerning compost values and use.

Targeted waste stream: Yard debris

Targeted audience: Users of compost, government, commercial interests and the public

Testing Element

Purpose: Determine the quality of compost produced at the Spokane facility.

Description and status: Testing recycled yard debris compost through laboratory analysis and greenhouse demonstrations provided information about the characteristics, quality, and consistency of the compost generated from a previous pilot project. (Used three feedstocks: street sweepings, park vegetation debris, and pine needles and recycled yard debris.)

Laboratory tests analyzed physical and nutrient characteristics, pathogens, metals, and undesirable organics (pesticides, PCBs, etc.). Greenhouse tests used several mixes of mature compost in growth trials to determine the suitability of the compost as a component of potting mix.

Lessons learned:

- Spokane final compost products meet or exceed all expectations and are of outstanding quality. Spokane compost is similar to many commercial soil amendments.
- Concerns about street sweepings being contaminated and about the phytotoxicity of pine needles proved to be unfounded. Material from parks did show a higher pathogen count than the other feedstocks, probably because people use the parks for walking dogs.
- The greenhouse trials showed that there are no detrimental constituents in the compost. This compost's performance compares favorably with a soil amendment product that has been used for many years as the potting mix base in the City's park system greenhouses.

Element cost : \$61,910

Public Education and Information Element

Purpose: To educate citizens about the use of compost.

Description and status: Developed and implemented an outreach program informing people about the use of compost, and the results of laboratory and greenhouse tests, and providing free samples of the city's compost. Also, designed and built a public demonstration site and designed educational panels for the site and for a trade show booth..

Lessons learned:

- A comprehensive public information program can be developed without funds being spent on media. The Pilot Compost Project staff and Master Gardeners made presentations to interested groups, wrote articles for special interest publications, and appeared on radio talk shows and special television and radio programs. Through these concerted efforts, Spokane citizens have learned a great deal about the value and use of compost.
- Composting is supported because it is seen to help reduce solid waste disposal costs, result in a useful, commercially valuable soil-related resource, and benefit the environment.

Products: Demonstration site developed at Manito Park, one of Spokane's most prestigious and high-visibility parks. Educational and informational materials included signs; newsletter articles; press releases; media kit for public presentations; brochures explaining composting, compost myths and facts, and various composting methods and equipment; 30-second television PSA; television program, produced in-house; photo documentation of demonstration site and greenhouse trials

Element cost: \$31,980

Market Assessment Element

Purpose: Assess local markets for established and new uses for compost from recycled yard debris

Description and status: Determined current and prospective sources of yard debris and animal manure for blending into compost, and the major users of organic products. Estimated existing use of compost and comparable soil products, and public concerns and attitudes towards use of recycled yard debris compost. Evaluated marketability and potential price structure of compost from pilot project. Research and telephone surveys were prime tools in gathering the information.

Lessons learned:

- Highest demand in the next one to four years will be for compost as a soil conditioner by commercial landscapers and homeowners.
- Spokaneites want dark, earthy soil amendments and plant mixes. To succeed, the quality of the compost must be consistently high.
- The public views compost from recycled yard debris to be a safe product.
- Nurseries are also a viable market segment and should be targeted for immediate marketing. Compost may be used as a top dressing, although this usage will take more time to develop.

- Large-scale landscape jobs, in both public and private sectors, can be significant end-use outlets for Spokane compost. Government purchasing agencies are showing interest. Landscape firms frequently pointed out the need for public procurement agencies to specify compost as an approved or preferred material in their bidding documents.
- In the longer term, five years and beyond, use of compost for land reclamation is possibly a new, major use category. Spokane compost is being tested at a northeastern Washington mine site.

Element cost: \$43,500

Project timespan: June 1991 to November 1992

Local contact: Suzanne Tresko, City of Spokane, Solid Waste (509) 625-7878

Ecology contacts: Grant officer, Peter Haskin, (360) 407-6063
Regional contact, Brian Farmer, (509) 456-6386

Chelan Yard Waste Composting Analysis

Grant #9400178

Purpose: Develop composting programs for yard, garden, orchard and food wastes.

Targeted waste stream: Compostable materials

Targeted audience: Homeowners, agriculturists, county officials

Description and status: Originally designed as a joint project with five cities* of Chelan County, the project planned to analyze options for an effective and economical composting program. Included: limited waste stream analysis; site identification, evaluation and selection; collection/storage system evaluations; review of requirements and protocols for composting regulatory approval; market analysis for compost products; cost estimates; and, recommendations for implementation. Another element of the coordinated grant could provide \$75,000 to acquire and prepare a site.

*Cashmere, Chelan, Entiat, Leavenworth, Wenatchee

Lessons learned:

- Limited stream analysis concluded that the project lacked dry compostable waste as bulking materials. For this project, it is cost-prohibitive to transport material more than 30 miles. Each of the five cities involved had different jurisdictional needs and transportation aspects. One city did not have enough compostables to continue with the project.
- Market analysis concluded that demand for compost is high, and much is imported into the area. Nurseries and other organizations are willing to buy all compost that is produced. Many people are receptive to composting. Composting is more cost efficient than landfilling.
- Considered centralized vs. decentralized site. Selected aerated windrow system. Considered private operation contracting.

- Project players recommended that the City of Cashmere implement a program with Leavenworth and Tree-Top until 1997. Will identify cost efficiency. Feasibility study is complete.

Products: Feasibility study, market analysis, and waste analysis.

Project cost: \$61,670

Project timespan: January 1994 - December 1995

Local contact: Brenda Harn, Chelan County Public Works, (509) 664-5415.

Ecology contacts: Pat Dice, grant officer, (360) 407-6053
Melissa Gildersleeve, Regional contact, (509) 454-7297.

Community Services Work Group Bi-lingual Waste Reduction Campaign

Grant #9200230

Purpose: Improve soil, reduce air pollution from burning, and decrease solid waste stream by an additional 30 - 40 percent, through an English/Spanish campaign promoting composting.

Targeted waste stream: Yard and orchard organic waste

Targeted audience: English and Spanish speaking residents and orchardists

Description and status: This Public Participation Grant project used a bi-lingual campaign to educate people in the Chelan Valley about the benefits of composting (as opposed to burning) yard and orchard debris. Trained 17 Master Composters; produced organic waste reduction video in English and Spanish, providing copies to school libraries, the public library, and local video stores (Summit Cable of Chelan and Wenatchee Community Channel of Wenatchee, which reaches much of north central Washington, also ran the video); and placed signs promoting waste reduction at the transfer station entrance on US 97A.

Lessons learned: Summit Cable and Wenatchee Community Channel welcomed the bi-lingual composting program, as it helped them meet their public service requirements.

Products: Bi-lingual education and media materials, clip-out brochure for newspapers; waste reduction video; waste reduction signs.

Project cost: \$8,750

Project timespan: January 1992 to December 1993

Local contact: Louise Manson, Community Services Work Group, (509) 687-9674

Ecology contacts: Kathy Seel, grant officer, (360) 407-6061
Rod Hankinson, Regional contact, (509) 454-7209

Renton Residential Yard Waste Project

Grant # G9400213

Purpose: Increase participation in the yard waste collection system and divert yard waste from the landfill. Two elements addressed a regulatory approach and a residential participation approach.

Targeted waste stream: Yard waste

Targeted audience: City residents

Disposal Ban Element

Description and status: A regulatory approach to encourage residents to recycle or compost their yard waste. City's solid waste utility will not collect yard waste in garbage cans at single family dwellings and duplexes. All residents to be affected by the ban have access to curbside yard waste collection at no extra charge.

Lessons learned:

- A past study found that only 58 percent of residents use the curbside yard waste collection service in the peak growing months of the year.
- Action to be delayed until the Solid Waste Utility studies the possibility of implementing a multifamily yard waste collection program.

Element cost: \$13,200 budgeted for completion of project.

Residential Worm Bin Composting Element

Purpose: Reduce waste by diverting food waste from the waste stream into composting, encourage composting, and try out backyard food waste composting.

Description and status: Held three workshops on food waste composting in 1994, with 122 people applying for 50 available slots. Provided participants with worm bin and worms, reference materials, and food waste collection bucket. Compostable food weighed one week each month for 12 months (with 88 percent weighing participation by end of first quarter; 75 percent by end of fourth quarter). Participants completed several knowledge and attitudinal surveys to determine their awareness and attitudes about reducing waste by composting food waste. More workshops planned for 1995.

Lessons learned:

- Worm bin composting could reduce household waste by 10 percent, a total of about 30,000 pounds. Food waste averages 6.25 pounds per week per household and 2.5 pounds per week per person.
- Participants have more education and income than average Renton residents, as shown by census data. Majority of participants are women. These people are really excited about food waste composting.
- Food waste composting is not as easy as it first appears. Need to research alternative and least-cumbersome techniques of food waste composting.

Products: Workshops, with reference materials, including *Worms Eat My Garbage*; brochure; label for waste collection bucket, with "do's and don'ts"; "how-to" flyer and

weighing schedule; promotional insert in utility bills; articles in city newsletter; promotional brochure; artwork for bins.

Element cost: \$46,942

Project timespan: January 1994 to December 1995

Local contact: Linda Knight, City of Renton, (206) 277-6197

Ecology contacts: Diane Christel, grant officer, (360) 407-6062
Peter Christiansen, Regional contact, (206) 649-7076

Section III PROJECT BRIEFS

Airway Heights Yard Waste Collection (Spokane Regional) Grant # 9400172
Purchased truck and trailer for yard waste collection.

Contacts:

Jessie Lang, City of Spokane Regional Solid Waste System (206) 456-7403.
Mike Drumright, grant officer, (360) 407-6059
Brian Farmer, Regional contact, (509) 456-6386

Clark County Master Composter/Recycler Education Grant # 9400115
Recruited and trained Master Composter/Recyclers; held workshops.

Contacts:

Brian Carlson, Clark County Public Works, (360) 699-2375
Mike Drumright, grant officer, (360) 407-6059
Scott Carlson, Regional contact, (360) 407-6392

Enumclaw Composting Project Grant # 9300108
Determined economic feasibility of a composting facility and prepared for a yard waste collection program.

Contacts:

Michael Quinn, City of Enumclaw, (206) 825-3591
Diane Christel, grant officer, (360) 407-6062
Peter Christiansen, Regional contact, (206) 649-7076

Island County Yard Waste Project Grant # 9400143
Recruited and trained Waste Warrior volunteers; educate public; provides bins; considered collection facility for cost-effective transport; supported yard waste collection in Oak Harbor and bought chipping equipment for Langley.

Contacts:

Jerry Mingo, Island County Solid Waste Department, (206) 679-7386.
Allen Robbins, grant officer, (360) 407-6074
Peter Christiansen, Regional contact, (206) 649-7076

Kent Yard Waste Project Grant # 9200185

Held yard waste collection events, informed and educated the public.

Contacts:

Don E. Wickstrom, City of Kent, (206) 859-3383

Diane Christel, grant officer, (360) 407-6062

Peter Christiansen, Regional contact, (206) 649-7076

King County Recycled Yard Waste Debris Compost Testing and Marketing Project

Grant # 9200049

Tested yard waste compost in lab and field; began developing marketing strategies.

Contacts:

Jailyn Brown, King County Commission for Marketing Recyclables, (206) 296-4439

Peter Haskin, grant officer, (360) 407-6063

Peter Christiansen, Regional contact, (206) 649-7076

King County Composting Projects Grant # 9300104

Trained Master Composters, distributed bins, educated and informed the public and school children.

Contacts:

Shawn Northrup, King County Solid Waste, (206) 296-4473

Diane Christel, grant officer, (360) 407-6062

Peter Christiansen, Regional contact, (206) 649-7076

King County Master Recycler/Composter Program Grant # 9400211

Trained and equipped Master Recycler/Composters; maintained demonstration sites.

Contacts

Fredericka Merrill, King County Solid Waste, (206) 296-4473

Diane Christel, grant officer, (360) 407-6062

Peter Christiansen, Regional contact, (206) 649-7076

Kitsap County Neighborhood Composting Project Grant # 9200338

Provided chipping service throughout county; developed compost demonstration facility.

Contacts

Annie Bringloe, Kitsap County Solid Waste, (360) 895-3931

Diane Christel, grant officer, (360) 407-6062

Scott Carlson, Regional contact, (360) 407-6392

Lewis County Backyard Compost Education Project Grant # 9200228

Began backyard composting education program; distributed worm bins to schools; developed demonstration site.

Contacts

Ellen Jordan, WSU Cooperative Extension of Lewis County, (360) 740-1217

Pat Dice, grant officer, (360) 407-6053

Scott Carlson, Regional contact, (360) 407-6392

Moses Lake Feasibility Study Grant # 9300078

Studied feasibility of a compost facility.

Contacts

Russell Brown, City of Moses Lake, (509) 766-9216

Maggie Bell-McKinnon, grant officer, (360) 407-6058
Brian Farmer, Regional contact, (509) 456-6386

Redmond Distribution of Compost Bins Grant # 9200297

Bought and distributed compost bins to residents requesting them.

Contacts

Karen Chuse, City of Redmond, (206) 556-2832
Diane Christel, project officer, (360) 407-6062
Peter Christiansen, Regional contact, (206) 649-7076

Redmond Composting Feasibility Study Grant # 9400169

Study feasibility of composting facility for organics collected from street and parks maintenance. (Delayed due to citizen challenge.)

Contacts

Karen Chuse, City of Redmond, (206) 556-2832
Diane Christel, grant officer, (360) 407-6062
Peter Christiansen, Regional contact, (206) 649-7076

SeaTac Compost Education and Bin Distribution Project Grant # 9400157

Held backyard composting classes with follow-up home visits.

Contacts

Soraya Chang, City of SeaTac, (206) 241-1189
Diane Christel, grant officer, (206) 407-6062
Peter Christiansen, Regional contact, (206) 649-7076

Seattle Backyard Composting and Compost Quality Assurance/Control Grant # 9300086

Bought and distributed bins and food waste composters; made follow-up visits; trained Master Composters; tracked presence of lead from yard waste setouts to final compost.

Contacts

Ray Hoffman, Seattle Solid Waste Utility, (206) 684-7655
Diane Christel, grant officer, (360) 407-6062
Peter Christiansen, Regional contact, (206) 649-7076

Seattle Backyard Composting Program Grant # 9400153

Provided bins and food waste digesters; followed-up with visits and surveys; held workshops; conducted grass cycling trials; maintained compost demonstration sites.

Contacts

Melina Thung, City of Seattle Solid Waste Utility, (206) 684-4643
Diane Christel, grant officer, (360) 407-6062
Peter Christiansen, Regional contact, (206) 649-7076

Skagit County Waste Reduction Program Grant # 9200268

Determine feasibility of composting facility (canceled by Commissioners); trained Master Composters; developed demonstration sites; held workshops.

Contacts

Ric Boge, Skagit County Public Works, (206) 336-9333
Allen Robbins, grant officer, (360) 407-6074
Peter Christiansen, Regional contact, (206) 649-7076

Snohomish Compost Market Development Project Grant # 9200043

Held workshops; developed college curricula; developed demonstration sites.

Contacts

Jim Beglein, Snohomish County Public Works, (360) 288-6487

Dan Koroma, grant officer, (360) 407-6067

Peter Christiansen, Regional contact, (206) 649-7076

Spokane Regional Yard Waste Composting Facility Grant # 9400049

Built regional yard waste composting facility.

Contacts

Jessie Lang, Spokane Regional Solid Waste Disposal Project, (509) 456-7403

Mike Drumright, grant officer, (360) 407-6059

Brian Farmer, Regional contact, (509) 456-6386

Thurston County Centralized Yard Waste Composting Facility Grant # TAX89073

Built small, low-tech centralized facility to compost yard waste.

Contacts

Jeff Sternhagen, Dept. of Public Works, (360) 786-5136

Diane Christel, grant officer, (360) 407-6062

Scott Carlson, Regional contact, (360) 407-6392

Thurston County Christmas Tree Recycling Project Grant # 9200148

Bought a chipper to deal with seasonal glut of trees; conducted collection drive; publicized program.

Contacts

Michelle Arnold, Thurston County Public Works, (360) 786-5485

Diane Christel, grant officer, (360) 407-6062

Scott Carlson, Regional contact, (360) 407-6392

Thurston County Composting Program Grant # 9300160

Expanded existing program; built demonstration garden; added attendant booth; bought and distributed bins; held workshops.

Contacts

Michelle Arnold, Thurston County Public Works, (360) 786-5485

Diane Christel, grant officer, (360) 407-6062

Scott Carlson, Regional contact, (360) 407-6392

Tukwila Yard Waste Recycling Project Grant # 9200180

Developed compost demonstration garden; developed educational materials; recruited Master Composters to serve site.

Contacts

Rebecca Fox, City of Tukwila, (206) 431-3683

Diane Christel, grant officer, (360) 407-6062

Peter Christiansen, Regional contact, (206) 649-7076

Walla Walla Master Composter Program Grant # 9200290

Determined most effective method of backyard composting for Walla Walla and Columbia Counties.

Contacts

Gretchen Lowe, Walla Walla Regional Planning Council, (509) 527-3282

Peter Haskin, grant officer, (360) 407-6063

Brian Farmer, Regional contact, (509) 456-6386

Whatcom County Yard Waste Management Project Grant # WFG90019

Developed options and made recommendations to deal with yard waste.

Contacts

Bob Jurica, Whatcom County Public Works, (360) 676-7695

Dan Koroma, grant officer, (360) 407-6067

Peter Christiansen, Regional contact, (206) 649-7076

Whatcom County Waste Reduction and Recycling Demonstration Project Grant # WFG91006

Trained Master Composters; wrote training manual; held workshops; built demonstration sites; bought chipper for county and Western Washington University use.

Contacts

Diane McLeod (initially Jack Weiss), Whatcom County Public Works, (360) 676-7695

Dan Koroma, grant officer, (360) 407-6067

Peter Christiansen, Regional contact, (206) 649-7076

Whatcom County Composting Program Grant # 9200160

Held workshops; built yard waste composting facility.

Contact

Diane McLeod, Whatcom County Public Works, (360) 676-7695

Dan Koroma, grant officer, (360) 407-6067

Peter Christiansen, Regional contact, (206) 649-7076

Whatcom County Home Compost Containers Grant #G9400151

Bought and distributed bins. (Educated and informed public as part of overall waste reduction and recycling program.)

Contacts

Diane McLeod, Whatcom County Public Works, (360) 676-7695

Dan Koroma, grant officer, (360) 407-6067

Peter Christiansen, Regional contact, (206) 649-7076

Section IV

CROSS REFERENCES BY ACTIVITY

Bin Purchase and Distribution

Enumclaw #9300108

Clark #9400115

Island #9400143

King #9300104

Lewis #9200228
Redmond #9200297
Renton #9400213
Sea-Tac #9400157
Seattle #s 9300086, 9400153
Thurston #9300160
Whatcom #s WFG91006, 9400151

Capital Purchases/Leases

Airway Heights #9400172
Island #9400143
Kitsap #9200338
Thurston #s TAX89073, 9200148
Whatcom #WFG91006

Collection Events

Island #9400143
Kent #9200185
Thurston #9200148

Demonstration Sites

Clark #9400115
Island #9400143
King #9400211
Kitsap #9200338
Lewis #9200228
Seattle #9400153
Skagit #9200268
Snohomish #9200043
Spokane #9200058
Thurston #9300160
Tukwila #9200180
Whatcom #WFG91006

Displays

Island #9400143
King #9400211
Skagit #9200268
Spokane #9200058

Education Programs

(Most projects included some education)
Clark #9400143
Community Services Work Group #920230
Enumclaw #9300108
Island #9400143
Kent #9200185
King #9300104

Kitsap #9200338
Lewis #9200228
Redmond #9400169
Renton #9400213
Sea-Tac #9400157
Seattle #s 9300086, 9400153
Skagit #9200268
Snohomish #9200043
Spokane #9200058
Thurston #9300160
Tukwila #9200180
Walla Walla #9200290
Whatcom #s 9200160, 9400151

Facility Development

Thurston #s TAX890172, #9300160
Seattle #9200147
Spokane #9400049
Whatcom #9200160

Feasibility Studies

Chelan #9400178
Enumclaw #9300108
Island #9400143
Moses Lake #9300078
Redmond #9400169
Seattle #9200147
Skagit #9200268
Thurston #TAX89073
Whatcom #WFG90019

Hotlines

Seattle #s 9300086, 9400153
Whatcom #9200160

Manuals/Handbooks

King #9400211
Walla Walla #9200290
Whatcom #WFG91006

Master Composters/Volunteers

Clark #9400115
Community Services #920230
Island #9400143
King #s 9300104, 9400211
Lewis #9200228
Sea-Tac #9400157
Seattle #s 9300086, 9400153

Skagit #9200268
Tukwila #9200180
Walla Walla #9200290
Whatcom #s WFG91006, 9200160, 9400151

Marketing

Chelan #9400178
King #9200049
Snohomish #9200043
Spokane #9200058
Walla Walla #9200290

Public Surveys

Renton #9400213
Seattle #9400153
Spokane #9200058

Radio/TV Spots

Spokane #9200058
Whatcom #9200160

Regulation

Enumclaw #9300108
Kent #9200185
Renton #9400213

School Programs/Curricula

King #9300104
Kitsap #9200338
Lewis #9200228
Snohomish #9200043
Whatcom #9200160

Testing

King #9200049
Seattle #9200147
Seattle #s 9300086, 9400153
Spokane #9200058

Videos

Community Services Work Group #9200230
Spokane #9200058

Workshops

Clark #9400115
Island #9400143
King #9300104
Lewis #9200228

Renton #9400213
Sea-Tac #9400157
Seattle #9400153
Skagit #9200268
Snohomish #9200043
Spokane #9200058
Thurston #9200160
Walla Walla #920290
Whatcom #WFG91006

Worm Culture/Bins

Kitsap #9200338
Lewis #9200228
Renton #9400213