



Grants Dollars at Work:
Protecting the Environment
Achieving Results

Report on Model Toxics Control Act
1997-99 Capital Appropriation

Publication #99-501
May 1999

Grants Dollars at Work:
Protecting the environment
Achieving results

Report on Model Toxics Control Act
1997-99 Capital Appropriation

Washington State Department of Ecology
Solid Waste and Financial Assistance Program

April 1999
Publication No. 99-501

Department of Ecology
Solid Waste and Financial Assistance Program
P.O. Box 47600
Olympia, WA 98504-7600
Telephone: (360) 407-6129

The Department of Ecology is an equal opportunity agency and does not discriminate on the basis of race, creed, color, disability, age, religion, national origin, sex, marital status, disabled veteran's status, Vietnam Era veteran's status or sexual orientation.

For more information or if you have special accommodation needs, please contact Michelle Davis at (360) 407-6129 or (360) 407-6006 TDD.

Friends:

I am delighted to provide this report on the 1997-99 Model Toxics Control Act Capital Appropriation. This biennium, the Department of Ecology has been able to provide over \$44,000,000 in grants to help protect, preserve, and clean up the state's environment. Of that amount, over \$26 million is being used to cleanup contaminated sites, nearly \$17 million for local government programs, and nearly \$900,000 for public participation and awareness. These funds are critical to advancing our agency mission and the direction set forth by the legislature.

This report lists all the grants we have given this biennium, highlights but a few of the many accomplishments and projects underway, and provides a brief description of the methods Ecology uses to provide these grants. We appreciate the efforts of our partners who help to put these monies to good use.

Enjoy the report. I am sure you will see the benefits provided through these funds.

Sincerely,

Cullen D. Stephenson
Manager
Solid Waste and Financial Assistance Program

Table of Contents

OVERVIEW	1
REMEDIAL ACTION GRANTS.....	2
COORDINATED PREVENTION GRANTS	10
PUBLIC PARTICIPATION GRANTS	20
SUMMARY - TOTAL GRANT DOLLARS BY COUNTY	25

Solid Waste and Financial Assistance Program Grants Funded through the Model Toxics Control Act

Grants Activities July 1, 1997 Through December 31, 1998

Overview

The Model Toxics Control Act (MTCA) was established through a referendum by a vote of the public. The Act generates funds through a tax on hazardous substances sold in the state. Of that tax, 53% is deposited into the Local Toxics Control Account (LTCA) and 47% into the State Toxics Control Account (STCA). This report discusses our grant programs using the LTCA.

The Model Toxics Control Act directs the Department of Ecology to provide grants or loans to local government from funds in the LTCA for the following purposes in this priority order:

- Cleanup of hazardous waste sites;
- Implementation of local hazardous waste plans and programs; and
- Implementation of local solid waste plans and programs.

In addition, MTCA directs Ecology to provide grants to citizens to assure public participation in waste management matters that affect them. These grants are funded through 1% of the total of each of the accounts.

Ecology has created grant programs through which these funds are provided to local governments and citizens. Remedial Action Grants provide funds for cleanup of hazardous waste sites. The department has traditionally set aside 60% of available LTCA appropriation for this top priority. These grants may be used for site cleanups, site assessments, drug lab cleanups, drinking water grants and underground storage tank removal.

Forty percent of the LTCA appropriation funds Coordinated Prevention Grants (CPG). The CPG grants provide for implementation of local hazardous waste and solid waste plans and programs. These grants focus on funding activities that achieve the top two waste management priorities: waste reduction and recycling.

Public Participation Grants provide funds for nonprofit groups to be represented in the deliberations associated with remedial action cleanups of hazardous waste sites. Groups may also apply for grants to provide information to the public on pollution prevention and proper waste management.

This report provides details on how the 1997-99 biennium appropriation has been obligated, lists projects that have been funded, and highlights accomplishments through December 1998.

Remedial Action Grants

Funding

\$25,226,400 plus \$1,000,000 proviso for brownfield cleanup.

Description

The Remedial Action Grants Program provides funding for local governments facing hazardous site cleanups. Local governments include counties, cities and towns, school districts, ports, and public utility districts. The grants are designed to lessen the impact of the cost of cleanup to the taxpayers and ratepayers. The grants are also an incentive to encourage and expedite cleanup activity by local governments. While the grants listed on the following pages are not broken down by category, there are three major categories of Remedial Action Grants. They are:

Site Study and Remediation—These grants provide funding for study and cleanup of hazardous waste sites where the local government is liable under the Model Toxics Control Act. During the current biennium, a change was made to allow grants for removal of underground storage tanks, even when no contamination was present. This dramatically increased our ability to get funds to needed local projects, without necessarily raising the amount of funds committed, as compared to previous budget periods.

Safe Drinking Water Actions—These grants help water system purveyors provide safe drinking water to areas where a hazardous waste site has contaminated the drinking water. Two such grants were issued during the most recent budget period.

Site Hazard Assessment—These grants help local health departments and health districts investigate suspected hazardous waste sites, including methamphetamine labs, within their jurisdictions. During the reporting period, eight such grants were written.

Highlights

Everett Landfill/ Tire Fire, City of Everett **G9900072 and Amendment to G9600307**

These funds should complete the cleanup of this 70-acre site where over one million tires burned in 1984. The major measures included an earth cover over the tire fire ash and a leachate collection system for the protection of the Snohomish River.

Ford's Prairie Aquifer Restoration, City of Centralia **G9900122**

The City of Centralia had previously closed drinking water wells because of solvent contamination. This project will remove the contamination from the water and enable the wells to be used again. In the meantime, city water will be extended to private well owners affected by the solvent contamination. A new ground water treatment plant will be built in conjunction with a relocated wastewater treatment facility.

Gasworks Park, City of Seattle Parks & Recreation Department

G9800076

This old coal gas production facility on Lake Union was turned into a park in 1976, before anyone realized that contamination problems existed. The grant covers the investigation and cleanup planning phases.

Hylebos Waterway Remedial Design, Port of Tacoma

G9800034

This is the design phase of a project that will eventually result in the cleanup of sediments in the three-mile long Hylebos Waterway, which is a portion of the Commencement Bay Superfund site. The Port is working with several other liable parties on this cleanup.

Middle Waterway Habitat Restoration, City of Tacoma

G9800222

This project involves the removal of 15,400 cubic yards of contaminated soil and sediments, and its partial replacement with clean fill. The effort will create a 1.9-acre estuarine marsh and remove a current source of waterway contamination. This is a cooperative effort with the Washington State Department of Fish and Wildlife, the Department of Natural Resources, and the Puyallup and Muckleshoot Indian Tribes.

Pacific Wood Treating, Port of Ridgefield

G9800025, G9800273

Pacific Wood Treating was in operation at the Port of Ridgefield for many years. Its heyday was during the Viet Nam War when it was a contractor to the U. S. government for treated wood products for the war effort. This wood treating operation left a huge amount of contaminated soil and ground water adjacent to a waterway and national wildlife refuge. The company went bankrupt leaving the Port as the major liable party. The Port, adjacent to the tiny town of Ridgefield in Clark County, has very limited resources of its own to apply to the project.

A unique approach to cleanup, steam-injection is being employed here. This is the first site in the state where this technology is being used. The technology will result in a high cleanup level, leaving very few residuals. What little remains will be highly stable, not likely to migrate.

Ryegrass Landfill Closure, Kittitas County

G9800278

Ryegrass Landfill is a bale fill owned and operated by Kittitas County. It is an unlined landfill of recent design but was a large generator of leachate runoff. A closure with a cap was necessary. The project will be completed in 1999.

Swan Manufacturing, Port of Vancouver

G9800276

This manufacturing plant left behind a huge amount of soil and groundwater contaminated with solvents. An extensive investigation is being conducted in conjunction with the stockpiling of soil for remediation or disposal.

Underground Storage Tank Removals

Forty-four grants totaling \$2,485,066 have been provided to local governments for underground storage tank removal. Many recipients were school districts. These grants paid for tank removals and cleanup of surrounding soils as required by law to be accomplished by December 22, 1998. Some work will continue into 1999.

Site Hazard Assessments

Eight new or renewed grants totaling \$1,282,472 were written to health districts throughout the state. These grants paid for initial investigations and site hazard assessments performed by local health districts. Several grants also had components for the investigation and minor cleanup of methamphetamine labs.

Remedial Action Grants and Formal Amendments New/LTCA 97-99 Biennium

COUNTY	NUMBER OF RA	AMOUNT
Adams	1	22,500
Asotin	1	3,787
Benton	1	7,811
Chelan	1	8,016
Clallam	2	118,575
Clark	5*	7,333,224
Columbia		
Cowlitz	1	17,125
Douglas	1	1,980
Ferry		
Franklin	1	887,574
Garfield		
Grant	1	54,375
Grays Harbor	5	444,448
Island	1	30,418
Jefferson		
King	14	3,099,153
Kitsap	3	143,754
Kittitas	2	2,090,330
Klickitat		
Lewis	3	518,601
Lincoln		
Mason	2	32,631
Okanogan		
Pacific		
Pend Oreille		
Pierce	5	2,345,434
San Juan	2	17,830
Skagit	3	278,623
Skamania	2*	27,935
Snohomish	3	695,847
Spokane	8	145,122
Stevens	3	38,295
Thurston	4	400,209
Wahkiakum		
Walla Walla	2	116,334
Whatcom	2	1,250,000
Whitman	2	83,750
Yakima		
TOTALS:	81	20,213,681 **

Asterisks (*) indicate counties that share a grant.

Benton-Franklin Health Dist

Southwest Washington Health Dist (Clark, Skamania)

Northeast Tricounty Health Dist (Ferry, Stevens, Pend Oreille)

Walla Walla & Columbia Counties

For these grants, the dollar amount is divided between the counties, so the total dollars shown are correct. However, the grant is counted once in each county impacted, so the total number of grants exceed the actual number written.

**We have additional projects in line, which will allow us to easily obligate the remaining appropriation.

Remedial Action Grant Reappropriations/ LTCA 97-99 Biennium

COUNTY	NUMBER OF RA	AMOUNT
Adams		
Asotin		
Benton	1	37,176.43
Chelan		
Clallam	2	34,529.64
Clark	3*	577,971.66
Columbia		
Cowlitz		
Douglas		
Ferry		
Franklin	1	234,317.36
Garfield		
Grant	1	553,500.00
Grays Harbor	2	128,565.04
Island	1	52,220.38
Jefferson		
King	5	1,264,698.83
Kitsap	3	1,513,471.18
Kittitas	2	195,431.17
Klickitat		
Lewis	2	235,229.58
Lincoln		
Mason	1	48,024.10
Okanogan	1	8,796.27
Pacific		
Pend Oreille		
Pierce	6	1,869,223.87
San Juan		
Skagit		
Skamania	1*	31,183.65
Snohomish	3	1,541,729.96
Spokane	3	2,570,845.34
Stevens		
Thurston	2	778,521.40
Wahkiakum		
Walla Walla		
Whatcom	3	677,577.96
Whitman		
Yakima	2	163,806.68
TOTALS:	45	\$12,516,820.50

Asterisks (*) indicate counties that share a grant.

Benton-Franklin Health Dist

Southwest Washington Health Dist (Clark, Skamania)

Northeast Tricounty Health Dist (Ferry, Stevens, Pend Oreille)

Walla Walla & Columbia Counties

For these grants, the dollar amount is divided between the counties, so the total dollars shown are correct. However, the grant is counted once in each county impacted, so the total number of grants exceed the actual number written.

Remedial Action Grants 97-99 Biennium

Grants written:	Appropriations:	RA Brownfields 1,000,000	RA 25,226,400
G9800025	Ridgefield Port of	921,140	
G9800033	Bremerton-Kitsap Health Dist		112,000
G9800034	Tacoma Port of		989,975
G9800035	Port Angeles City of		25,080
G9800036	Pasco Port of		887,574
G9800041	Tumwater City of		30,000
G9800045	Medical Lake School District		23,331
G9800076	Seattle Parks and Recreation Dept		211,989
G9800111	Whitman Co HD		80,000
G9800157	Snohomish Health District		180,000
G9800222	Tacoma City of		803,400
G9800229	Southwest Washington Health Dist		80,000
G9800230	Spokane Public School Dist #81		10,500
G9800235	Nine Mile Falls School Dist		14,350
G9800236	Northport School Dist		15,150
G9800237	Cheney School Dist		29,100
G9800244	Grays Harbor Co		21,922
G9800246	Mead School Dist		29,018
G9800247	Columbia School Dist		18,150
G9800262	Thurston Co Road & Trans Dept		84,429
G9800270	Benton Co Fire District #4		7,811
G9800273	Ridgefield Port of		3,900,000
G9800274	Thurston Co Public Health		283,330
G9800276	Vancouver Port of		1,472,500
G9800278	Kittitas Co		2,010,000
G9800279	North Kitsap School Dist		16,802
G9800280	Anacortes Port of		35,599
G9800281	Grays Harbor Port of		290,700
G9800283	Kent School Dist #415		100,000
G9800284	Tacoma Public Utilities		248,878
G9800295	Central Kitsap School District		14,952
G9800296	Central Valley School District		29,050
G9800298	Othello School District		22,500
G9800311	Anacortes City of		163,024
G9900021	Snoqualmie City of		10,256
G9900039	Grant Co		54,375
G9900052	San Juan County		9,312
G9900053	Colfax City of		3,750
G9900054	Walla Walla City of		87,962
G9900055	Kelso School District		17,125
G9900056	Des Moines City of		56,063
G9900071	Gold Bar City of		14,883
G9900072	Everett City of		377,570
G9900073	North Bonneville City of		1,269
G9900078	Sequim School Dist #323		93,495
G9900079	Walla Walla Co		28,372
G9900080	Seattle City of		1,110,000
G9900081	Grays Harbor Port of		19,632
G9900082	North Mason School Dist No. 40		25,812
G9900083	Centralia School Dist		5,601
G9900087	Spokane (City of) Fire Dept		7,662
G9900088	Asotin Co Fire Dist No. 1		3,787
G9900091	Redmond City of		132,931
G9900098	Wellpinit School Dist		4,995
G9900099	Skagit Co		80,000

G9900100	Rainier School District	2,450
G9900107	Mason Co Fire Dist No. 2	6,819
G9900108	Centralia City of	31,500
G9900109	Kent City of	625,000
G9900111	Chelan City of	8,016
G9900112	Medical Lake City of	2,111
G9900113	Auburn School Dist	237,753
G9900115	Tacoma-Pierce Co HD	200,000
G9900117	Oak Harbor City of	30,418
G9900118	San Juan County	8,518
G9900120	Renton City of	350,000
G9900121	Orondo School Dist	1,980
G9900122	Centralia City of	481,500
G9900123	North Bend City of	4,939
<i>G9900113</i>	<i>Bellingham Port of</i>	<i>1,240,000</i>
<hr/>		
Amendments Written:		
G9500206	King Co Metro	78,860
G9700065	Grays Harbor Port of	71,622
G9600157	Kittitas Co	80,330
G9600307	Everett City of	138,277
G9700140	Vancouver Port of	986,250
G9700198	Tacoma City of	103,181
G9700199	Aberdeen City of	40,572
<i>G9700117</i>	<i>Bellingham Port of</i>	<i>10,000</i>
G9800283	Kent School Dist	103,813
G9800010	Seattle-King Co Health Dept	18,142
<hr/>		
Total written:		\$1,000,000
		\$ 19,213,681
<hr/>		
Balance as of 1-1-99		0.00
		\$ 6,012,719

Coordinated Prevention Grants (CPG)

Funding

\$16,817,600

Description

Ecology helps local governments fulfill their role as waste managers by providing financial assistance in the form of Coordinated Prevention Grants (CPG). The aim of these grants is to develop, implement and enforce their local solid and moderate risk waste management plans. Since Ecology launched CPG in 1992, local governments have received over \$83 million in grants to fund solid and moderate risk waste activities.

The coordinated structure encourages local governments to work together to examine their waste management needs and decide the activities they will propose for grant funding. Ecology allocates the available funds for countywide areas, using a formula based on the previous grant cycle award level, minus an amount set aside for solid waste enforcement. This formula funding is not an entitlement program; local governments must submit satisfactory applications that meet eligibility requirements.

Grant recipients provide a cash match equaling 25 to 40 percent of the total eligible costs of their projects. The lower match amount is available to economically disadvantaged counties.

Under the current grant cycle that runs from January 1, 1998, through December 31, 1999, Ecology has awarded \$16,266,054 in grants for waste management activities. The grants leverage local matching funds to support an estimated \$25,819,133 worth of solid and moderate risk waste projects. Additionally, a supplemental amount of \$509,000 has recently been offered to local governments to expand their programs.

Solid waste enforcement grants are a part of the CPG program. These are used by local health agencies for inspection, enforcement, and investigation of solid waste sites and facilities, and also for investigation of illegal dump complaints. The funds are separate and are not available for other uses under the grants. Allocations for enforcement activities are \$100,000 per single county health department and \$150,000 per multi-county health district.

The waste management activities that the CPG Program funded for the current 1998/99 cycle are broken down in the following categories:

Household Hazardous Waste Collection & Disposal	\$5,248,653
Waste Reduction and Recycling – Activities	\$4,523,628
Solid Waste Enforcement	\$2,758,471
Waste Reduction and Recycling – Capital	\$1,071,070
Small Quantity Generator Implementation	\$1,021,849
Household Hazardous Waste Implementation	\$ 741,709
Solid Waste Planning	\$ 337,512
Hazardous Waste Planning	\$ 87,175
Groundwater Monitoring Wells	\$ 25,800

Highlights

Benton-Franklin Health District

G9800099

This jurisdictional health authority has ensured the public health by overseeing solid waste operations and by investigating complaints of illegal dumping or solid waste mismanagement. The bi-county health department conducted 230 inspection of permitted solid waste facilities in 1996-7 and responded to 264 complaints in that time period. By providing thorough reviews of permit applications, solid waste permits promote the safe operation of facilities.

Bremerton-Kitsap County Health Department

G9800130

The Bremerton-Kitsap County Health Department is utilizing all its Solid Waste Enforcement monies on regulatory activities and is also using County CPG monies for prevention programs.

On the regulatory side, the grant has allowed the Health Department to actively explore accepting delegation of Ecology's Biosolids Program, and it is currently negotiating an MOU agreement. The Health Department has also used the grant money to draft guidance documents for street waste and contaminated soils, and to initiate a revision process for updating solid waste regulations. These guidance documents were developed with an eye towards making the regulatory requirements easier to understand and to assist potential users in meeting all pertinent regulations. The County has also used Ecology's grant monies to hire staff to conduct field investigations and to enforce solid waste regulations.

On the prevention side, the Health Department used CPG funding to hire two staff to continue its very successful Small Quantity Generator (SQG) Program addressing hazardous waste. Staff are providing on-site consultations to help businesses reach compliance without the threat of penalty. The County has also recognized successful businesses through the EnviroStars program, produced the *Hazardous Waste Guide for Businesses in Kitsap County*, and presented workshops on topical subjects for businesses.

Chelan County

G9800163

Chelan County is currently developing a small composting facility. It will make use of the wood wastes the PUD accumulates in operating the local dams, divert organic materials from the Greater Wenatchee Regional Landfill, and save residents money by providing a cheaper alternative to disposal. The best result will be that reusable material will be diverted from disposal. Additionally, a back yard composting program distributed over 100 composting bins at a reduced cost. A follow-up survey indicated that 89% of the bins were in use, providing residents with their own soil enhancement.

Clark County

G9800139

The County has a long list of environmental education and information accomplishments, including planning for and recruiting teachers and presenters for the Salmon Creek Water Festival, and using the Clark County Solid Waste Program display and booth at the Clark County

Fair. The Environmental Information Center helps the public connect to an impressive network of community resources, including waste reduction and recycling resources. Also among the County programs are a song-writing program to help integrate arts in environmental education at the Vancouver Audubon Society Junior Naturalist Day Camp and workshops for teachers at the Environmental Studies Institute in Salem. Forty-one WSU-Vancouver Masters in Teaching students learned about where our garbage goes, where our drinking water comes from, and how our air can become polluted during *A-Way with Waste* training, and demolition contractors will learn from a “Deconstruction Project” how to incorporate material recovery and recycling into bids for demolition projects.

Douglas County

G9800176

Using funds from the CPG program, Douglas County completed the last of its four community recycling centers in 1998. These centers provide convenient locations for citizens to drop off their recyclables, including auto batteries, used oil, and white goods. The centers have been staffed by volunteers and may use inmate labor in the future.

Island County Public Works Department

G9800169

Ecology’s grant funding continues to be an integral part of protecting the air, land, and water in Island County. Grant funding provides a major portion of the operational costs for the County’s moderate risk waste fixed facility and satellite collection facilities. These facilities represent one of the most successful and innovative programs in the state. The County has a very aggressive redistribution program that models the concept of swapping useful products among county residents instead of paying high disposal costs. Used oil and antifreeze are currently being collected for recycling. Products not collected for reuse or recycling are disposed of off-island in an environmentally safe landfill.

Ecology funding has also helped increase public awareness of recycling, pollution prevention, and waste reduction/minimization. The County recently updated and reprinted its *Island County Home Waste Guide*, and helps support the Waste Warriors, a group of WSU-trained volunteers who promote waste reduction, recycling, and proper waste disposal.

Pacific County Department of Community Development

G9800113

Through this project the County has identified and logged an inventory of 280 illegal solid waste dump sites throughout the county. The Community Litter Cleanup Program has removed the wastes from a number of these sites. Another benefit of recording these illegal sites is active pursuit of, and enforcement against, the responsible party. A fine is imposed with the proceeds going to the solid waste division for use in cleanup activities.

In these times of increasing costs of disposing of waste and the availability of rural lands to illegally dump waste, jurisdictions need to find innovative ways of reducing threats to our environment. This project is a step closer to reducing the problem of illegal dump sites.

Snohomish County and City of Everett**G9800198 G9800173**

Snohomish County and the City of Everett recently cooperated on the development and construction of a moderate risk waste facility located in the City of Everett. Ecology contributed nearly half a million dollars to see this facility constructed. The facility will help all residents in Snohomish County protect the air land and water of the community by providing a convenient location for them to bring their dangerous household products.

Ecology grant dollars also went towards helping facilitate the partnership between the City of Everett and Snohomish County in the handling of MRW. The City of Everett was unable to come up with match money for its share of grant funds for the project. The City relinquished its rights to Ecology grant money and offered those funds to Snohomish County for use in constructing this facility. The County subsequently came up with the match money. The ribbon-cutting ceremony for the facility was held on February 2, 1999.

Spokane County**G9800208**

CPG funds to date have been used to research dry-cell battery collection and disposal options and to provide a mobile collection event targeting senior citizens. Also using CPG funds, the County continues to educate the public and businesses on recycling and proper disposal options. Efforts in this area include a recycling hotline, a web page, presentations, waste audits, demonstrations, tours, and local media spots. *Recycling RAP* is distributed to 3000 teachers each month; at the same time, their students are receiving *kids' enviro page* in the *kids' newspaper*.

Spokane County Health Department**G9800174**

The Health Department uses CPG funds to conduct annual inspections of at least 26 facilities permitted under WAC 304 and WAC 351. Fifty inspections have been completed so far. CPG funds have also been used to review 11 permit applications, issue 4 permits, investigate and resolve 436 illegal dumping complaints, and review 20 solid waste plans. This funding has enabled staff to provide technical assistance on 90 occasions.

Thurston County Water and Waste Management**G9800095**

The County has developed a project that may divert as much as 10,000 tons of material (10% of the total waste) from the landfill each year. The project is the Hawks Prairie Construction/Demolition (CD) Recovery Project. Stemming the tide of construction and demolition waste is essential to reducing the long-term potential environmental impacts associated with a rapidly expanding population. Close to 20% of the waste landfilled in the county is construction and demolition material that could be recovered and diverted from disposal at less cost. In addition, hazardous compounds found in these materials accumulate in the landfill's leachate, which could pose a potential risk of contamination to ground or surface water. This project will recover construction and demolition wastes and after sorting will make the useful and reusable materials available to the public at a convenient location in Olympia.

Whitman County**G9800239**

Since hiring new staff last summer, the once dormant waste management program in Whitman County has been on the rebound. The County started a "shredded paper" program and a phone book recycling program in all county offices resulting in a dramatic increase in office recycling volumes. A brochure has been developed and distributed to all county schools and educators announcing the availability of environmental education resources for grades K - 6. Promotion of recycling, hazardous waste management, waste reduction, and composting through the airing of educational videos continues on Pullman Government Access TV. The County has established "Rural Roundup" centers in the towns of Tekoa, Uniontown, and Colton; these centers have collected 1,720 gallons of used oil, 1,445 gallons of other hazardous material, and 151 auto batteries.

Yakima County**G9800177**

Yakima County's moderate risk waste facility was completed in 1997, using largely CPG funding. In 1998, the facility received over 1,000,000 pounds of hazardous materials, diverting them from the municipal solid waste landfill. Most of these materials, such as paints and used oil, were reused rather than disposed of as hazardous waste. The facility, which replaced costly collection events, provides daily service at a much lower unit cost.

Curbside recycling is being piloted for a three-month period to help the City of Yakima and Yakima County assess the feasibility of residential curbside recycling. Although the recycling participation rate may be higher than in previous test projects, it may not be high enough to justify the costs of collection. Given the exceptionally low local tipping fees, this project will provide the hard data needed to determine if, and how, curbside recycling can become the norm as it has in most other urban areas.

Coordinated Prevention Grants 97-99 Biennium

		CPG
		Appropriation:
		16,817,600
Grants written		
G9800097	Benton Co	342,075
G9800099	Benton-Franklin HD	150,000
G9800114	Chelan-Douglas HD	150,000
G9800115	Okanogan Co HD	99,750
G9800129	Okanogan Co	67,799
G9800152	Kittitas Co	158,168
G9800163	Chelan Co	153,183
G9800164	Kittitas Co HD	100,000
G9800168	Klickitat Co HD	100,000
G9800175	Klickitat Co	273,776
G9800176	Douglas Co	102,985
G9800177	Yakima Co	370,990
G9800178	Yakima Co HD	100,000
G9800153	Walla Walla/Columbia Co	313,680
G9800158	Pend Oreille Co	96,801
G9800159	Lincoln Co HD	39,000
G9800174	Spokane Regional HD	100,000
G9800202	Asotin Co Landfill	87,714
G9800203	Asotin Co HD	60,000
G9800206	Stevens Co Public Works	163,485
G9800207	Lincoln Co Public Works	87,450
G9800208	Spokane Reg SW System	881,069
G9800209	Grant Co Public Works	161,175
G9800210	Grant Co HD	63,317
G9800218	Garfield Co Solid Waste	30,063
G9800219	Adams Co HD	40,001
G9800220	Adams Co Solid Waste	116,655
G9800221	Ferry Co	104,180
G9800238	Whitman Co HD	28,437
G9800239	Whitman Co	110,671
G9800264	Franklin Co	161,345
G9900092	Asotin Co	60,600
G9900094	NE Tricounty HD	53,809
G9800109	Kent City of	83,305
G9800120	Monroe City of	27,313
G9800121	Arlington City of	5,894
G9800122	Marysville Parks Dept City of	12,372
G9800123	Whatcom Co	478,666
G9800124	Tukwila City of	20,047
G9800125	Seatac City of	31,798
G9800126	Bellevue City of	140,108
G9800128	Seattle Public Utilities	739,094
G9800130	Bremerton-Kitsap HD	190,256
G9800142	Skagit Co HD	100,000
G9800143	Mountlake Terrace City of	19,966

G9800144	Edmonds City of	34,783
G9800145	Island Co HD	100,000
G9800146	Lynnwood City of	32,429
G9800147	Seattle-King Co HD	100,000
G9800148	Seattle-King Co HD	1,220,291
G9800149	Lake Forest Park City of	17,620
G9800169	Island Co	127,888
G9800170	Snohomish HD	199,500
G9800171	San Juan Co HD	64,610
G9800172	Skagit Co	228,278
G9800173	Everett City of	82,500
G9800180	Pacific City of	8,228
G9800181	Enumclaw City of	14,916
G9800189	Kirkland City of	59,033
G9800190	Des Moines City of	24,397
G9800191	Covington City of	17,990
G9800193	Issaquah City of	13,756
G9800194	Newcastle City of	12,263
G9800195	Normandy Park City of	10,454
G9800196	Woodinville City of	14,247
G9800197	Kitsap Co	406,791
G9800198	Snohomish Co	841,273
G9800212	Mukilteo City of	-
G9800213	San Juan Co	84,705
G9800214	Burien City of	38,073
G9800216	Shoreline City of	67,873
G9800217	King Co Solid Waste Div	562,907
G9800223	Federal Way City of	101,827
G9800256	Renton City of	61,953
G9800257	Duvall City of	17,742
G9800258	Redmond City of	57,055
G9800271	San Juan Co	10,140
G9900040	Oak Harbor City of	45,620
G9800095	Thurston Co Water & Waste Mgmt	210,804
G9800098	Thurston Co Health Dept	320,805
G9800100	Cowlitz Co Health Dept	100,000
G9800101	Longview City of	67,091
G9800102	Mason Co Health Dept	100,000
G9800103	Cowlitz Co	168,000
G9800104	Shelton City of	40,000
G9800105	Kelso City of	23,573
G9800106	Mason Co	87,404
G9800113	Pacific Co	208,780
G9800116	Lewis Co	248,735
G9800131	Grays Harbor Co	100,000
G9800132	Jefferson Co	124,919
G9800133	Jefferson Co Health & Human Svs	60,690
G9800134	Clallam Co Dept of Comm Dev	165,825
G9800135	Port Angeles City of	85,980
G9800136	Clallam Co Road Dept	9,000

G9800139	Clark Co	649,025
G9800140	Grays Harbor Co	202,552
G9800154	Pierce Co Public Works	749,073
G9800155	Tacoma-Pierce Co HD	206,670
G9800156	Tacoma-Pierce Co HD	100,000
G9800204	Southwest Wa HD	150,000
G9800205	Tacoma City of	400,956
G9800301	Thurston Co	212,033
G9900026	Mason Co DCD	18,000
Total written:		\$ 16,266,054
Supplemental offering		551,546

**Coordinated Prevention Grants
New/LTCA 97-99 Biennium**

COUNTY	NUMBER OF CPG	AMOUNT
Adams	2	156,656
Asotin	3	208,314
Benton	2*	417,075
Chelan	2*	228,183
Clallam	3	260,805
Clark	2*	749,025
Columbia	1*	104,560
Cowlitz	4	358,664
Douglas	2*	177,985
Ferry	2*	122,116
Franklin	2*	236,345
Garfield	1	30,063
Grant	2	224,492
Grays Harbor	2	302,552
Island	3	273,508
Jefferson	2	185,609
King	24	3,434,977
Kitsap	2	597,047
Kittitas	2	258,168
Klickitat	2	373,776
Lewis	1	248,735
Lincoln	2	126,450
Mason	4	245,404
Okanogan	2	167,549
Pacific	1	208,780
Pend Oreille	2*	114,738
Pierce	4	1,456,699
San Juan	3	159,455
Skagit	2	328,278
Skamania	1*	50,000
Snohomish	10	1,256,030
Spokane	2	981,069
Stevens	2*	181,421
Thurston	3	743,642
Wahkiakum	0	
Walla Walla	1*	209,120
Whatcom	1	478,666
Whitman	2	139,108
Yakima	2	470,990
TOTALS:	110	16,266,054

Asterisks (*) indicate counties that share a grant.

Benton-Franklin Health Dist
 Southwest Washington Health Dist (Clark, Skamania) Northeast
 Tricounty Health Dist (Ferry, Stevens, Pend Oreille) Walla Walla &
 Columbia Counties

For these grants, the dollar amount is divided between the counties, so the total dollars shown are correct. However, the grant is counted once in each county impacted, so the total number of grants exceed the actual number written.

Coordinated Prevention Grant

Reappropriations/LTCA 97-99 Biennium

COUNTY	NUMBER OF CPG	AMOUNT
Adams	2	64,083.60
Asotin	1	35,245.74
Benton	2*	202,561.19
Chelan	3	240,284.91
Clallam	4	129,332.76
Clark	4*	309,843.27
Columbia	1*	53,320.45
Cowlitz	4	145,029.60
Douglas	3	376,962.78
Ferry	2*	45,663.20
Franklin	2	99,772.30
Garfield	1	66,785.47
Grant	2	119,838.98
Grays Harbor	1	106,893.99
Island	2	106,062.54
Jefferson	2	62,428.85
King	23	1,968,651.47
Kitsap	2	297,499.03
Kittitas	1	96,715.42
Klickitat	1	76,664.99
Lewis	1	157,873.69
Lincoln	3	270,556.23
Mason	3	74,048.22
Okanogan	2	56,548.28
Pacific	1	102,952.16
Pend Oreille	2*	93,725.92
Pierce	4	665,162.29
San Juan	2	65,795.68
Skagit	2	168,738.95
Skamania	4*	76,375.45
Snohomish	6	441,040.89
Spokane	2	337,805.11
Stevens	2*	87,335.73
Thurston	2	320,581.39
Wahkiakum		
Walla Walla	1*	106,640.92
Whatcom	1	198,392.87
Whitman	2	136,366.52
Yakima	1	34,646.74
TOTALS:	104	\$7,998,227.58

Asterisks (*) indicate counties that share a grant.

Benton-Franklin Health Dist

Southwest Washington Health Dist (Clark, Skamania) Northeast

Tricounty Health Dist (Ferry, Stevens, Pend Oreille) Walla Walla &

Columbia Counties

For these grants, the dollar amount is divided between the counties, so the total dollars shown are correct. However, the grant is counted once in each county impacted, so the total number of grants exceed the actual number written.

Public Participation Grants

Funding

\$985,360

Description

The people of Washington created the Public Participation Grant (PPG) program to involve the public in solving waste management issues. These issues arise from the waste we all produce, both ordinary garbage and more dangerous substances. Ecology funds projects that enable people to influence the decisions made about waste sites and projects that show how to prevent pollution by reducing and/or eliminating waste at the source. The two categories of grants funded are the Hazardous Substance Release Site grants and Waste Management Priorities Implementation grants. The grant monies are provided by one-percent of the revenues in the State and Local Toxics Control Accounts. For the 97–99 biennium, \$860,608 will be awarded for 35 grant projects. Of the 35 projects, 17 will use Hazardous Substance Release Site grants (\$550,497) and 18 will use Waste Management Priorities Implementation grants (\$310,111).

Highlights

Waste Management Priorities Implementation Grants

The Green Zone Committee in Spokane

G9900101

This group is developing an interactive environmental education center that will include displays and resource materials pertaining to waste reduction and wise buying decisions for consumers and businesses.

The Methow Conservancy in the Methow Valley

G9800242

The Conservancy initiated a comprehensive solid and hazardous waste education program that promoted environmental stewardship through waste reduction, recycling, and reuse. This group also held a one-time metals recycling event for the Methow Valley.

Puget Soundkeeper Alliance – Puget Sound Region

G9800243

This group is now able to introduce the EnviroStars program in Whatcom County. This program's focus is to educate small businesses on how to reduce hazardous waste in their day-to-day work activities. Businesses that make successful use of the methods learned are given public recognition for how they have helped the environment.

Resource Efficient Building and Remodeling (REBAR) – Spokane

G9900141

REBAR's grant allows it to develop a "train the trainer" program. This includes training seminars and a follow-up mentoring program to educate the building/construction industry on the benefits derived from reuse and recycling of construction materials.

Three Rivers Children’s Museum – Tri-Cities

G9800266

From Trash to Treasure. Two Tri-City museums forged a partnership offering waste reduction and recycling education to children and their families.

Washington Pest Consultants Association – Yakima

Pending

The Association intends to develop an educational outreach program aimed at those individuals who use or apply pesticides that come in plastic containers. This project will also include recycling opportunities for the empty plastic containers.

Washington Toxics Coalition – Statewide

G9900041

Its grant enabled the Toxics Coalition to initiate an educational outreach program to bring greater awareness to and increase the number of school districts with integrated pest management policies and plans.

Hazardous Substance Release Site Grants

Environment Group of Klickitat

G9800253

This group became concerned with the salvage operations conducted at an old lumber mill sitting astride a waterway leading through the town of Klickitat and into the Klickitat River. Contamination from asbestos and other hazardous waste is feared, and the group has used grant funds to hire a consultant .

Northeast Everett Community Organization

G9800211

This grant continued to help an Everett neighborhood group monitor the time-consuming process of getting an area-wide cleanup of soils. The soils were contaminated in the early part of this century by a smelter that emitted wastes into the air. Arsenic, lead, and other heavy metals continue to present a health risk to residents. The process of negotiating a cleanup action plan between Ecology and the liable party, ASARCO, consumed the attention of the technical consultant hired by the group to represent its interests at the negotiating table.

Olympic Environmental Council

G9800259

This group is concerned with environmental problems associated with the previous operation of the ITT Rayonier paper mill. The mill has been demolished but further cleanup is necessary. Also, the group perceives the landfills that received waste from the mill as a threat to human health and the environment. Ecology and EPA are both investigating. The group has hired a consultant to represent its interests.

Snohomish Citizen Business Alliance

G9800252

This group assembled to solve a problem of contamination of drinking water by old leaking gasoline tanks. Ecology and the potentially liable parties are negotiating a cleanup action plan. The group is representing neighborhood homeowners and business operators.

Public Participation Grants

New/LTCA and STCA 97-99 Biennium

COUNTY	NUMBER OF CPG	AMOUNT
Adams		
Asotin		
Benton	1	20,000
Chelan	1	1,250
Clallam	2	65,000
Clark	1	29,000
Columbia		
Cowlitz		
Douglas		
Ferry		
Franklin		
Garfield		
Grant	1	30,000
Grays Harbor		
Island		
Jefferson		
King	9	232,580
Kitsap		
Kittitas		
Klickitat	3	87,000
Lewis		
Lincoln		
Mason	2	31,775
Okanogan	1	5,886
Pacific		
Pend Oreille		
Pierce	1	20,000
San Juan		
Skagit		
Skamania		
Snohomish	4	186,000
Spokane	4	63,100
Stevens		
Thurston	2	33,050
Wahkiakum		
Walla Walla		
Whatcom	2	39,617
Whitman		
Yakima	1	16,350
TOTALS:	35	860,608

Asterisks (*) indicate counties that share a grant.

Benton-Franklin Health Dist

Southwest Washington Health Dist (Clark, Skamania) Northeast

Tricounty Health Dist (Ferry, Stevens, Pend Oreille) Walla Walla &

Columbia Counties

For these grants, the dollar amount is divided between the counties, so the total dollars shown are correct. However, the grant is counted once in each county impacted, so the total number of grants exceed the actual number written.

Public Participation Grants Reappropriations/LTCA 97-99 Biennium

COUNTY	NUMBER OF CPG	AMOUNT
Adams		
Asotin		
Benton		
Chelan		
Clallam		
Clark	2	34,259.71
Columbia		
Cowlitz		
Douglas		
Ferry	1	13,160.00
Franklin		
Garfield		
Grant		
Grays Harbor		
Island	1	15,050.00
Jefferson		
King	8	84,585.63
Kitsap	2	40,669.62
Kittitas		
Klickitat	1	21,869.55
Lewis		
Lincoln		
Mason		
Okanogan	1	1,338.83
Pacific		
Pend Oreille		
Pierce	1	25,000.00
San Juan		
Skagit	1	30,500.00
Skamania		
Snohomish	2	31,757.41
Spokane	3	56,971.76
Stevens		
Thurston	2	24,931.43
Wahkiakum		
Walla Walla		
Whatcom	1	11,317.82
Whitman		
Yakima		
TOTALS:	26	\$391,411.76

Asterisks (*) indicate counties that share a grant.

Benton-Franklin Health Dist

Southwest Washington Health Dist (Clark, Skamania) Northeast

Tricounty Health Dist (Ferry, Stevens, Pend Oreille) Walla Walla &
Columbia Counties

For these grants, the dollar amount is divided between the counties, so the total dollars shown are correct. However, the grant is counted once in each county impacted, so the total number of grants exceed the actual number written.

Public Participation Grants 97-99 Biennium

		LTCA	STCA
		PPG	PPG
Appropriation:		435,000	550,360
Grants written:			
G9800211	NE Everett Community Organization		60,000
G9800228	Energy Outreach Center		8,050
G9800231	Clark Co Haz Waste Citizen Task Force		29,000
G9800242	Methow Conservancy		5,886
G9800243	Puget Soundkeeper Alliance		28,000
G9800252	Snohomish Citizen/Business Alliance		26,000
G9800253	Environment Group of Klickitat		25,000
G9800254	Community Services Work Group		1,250
G9800259	Olympic Environmental Council		30,000
G9800260	IBPAT Dist Council #54		7,500
G9800265	Re Sources		24,922
G9800266	Three Rivers Children's Museum		20,000
G9800267	Nisqually Delta Association		25,000
G9800268	Puget Soundkeeper Alliance		25,000
G9800272	Columbia River United		30,000
G9800282	Citizens For A Healthy Bay		20,000
G9800297	Heart of America Northwest		30,000
G9900041	Washington Toxics Coalition		21,800
		total written	417,408
		Balance as of 1/1/99 (used to offset STCA shortfall)	132,952
G9900101	Green Zone Committee		30,700
G9900102	Hanford Education Action League		15,000
G9900103	Brackett's Landing Foundation		40,000
G9900110	Columbia River United		32,000
G9900119	Northeast Everett Community Org		60,000
G9900142	Olympic Environmental Council		35,000
G9900143	Wa Physicians for Social Responsibility		9,700
pending	Puget Soundkeeper Alliance		32,980
pending	Resource Efficient Building		9,900
pending	Re Source		14,695
pending	Wa Toxics Coalition		25,000
pending	Wa Pest Consultants Association		16,350
pending	Harstine Community Club		5,900
pending	NW EcoBuilding Guild		28,100
pending	Heart of America NW		32,000
pending	Quincy Concern		30,000
pending	SW PS Watershed Council		25,875
		total written	443,200
		Balance as of 1-1-99	(8,200)

Summary

Total Grant Dollars by County

New Grants and Formal Amendments

LTCA 97-99 Biennium

COUNTY	TOTAL AMOUNT OF NEW GRANTS	TOTAL NUMBER OF NEW GRANTS		
Adams	179,156	3		
Asotin	212,101	4	Total Appropriations	
Benton	444,886	4		
Chelan	237,449	4	RA	26,226,400
Clallam	444,380	7	CPG	16,817,600
Clark	8,111,249	8	PPG-LTCA	435,000
Columbia	104,560	1	PPG-STCA	550,360
Cowlitz	375,789	5		44,029,360
Douglas	179,965	3		
Ferry	122,116	2		
Franklin	1,123,919	3	Grants written:	
Garfield	30,063	1	RA	20,213,681
Grant	308,867	4	CPG	16,266,054
Grays Harbor	747,000	7	PPG-LTCA	443,200
Island	303,926	4	PPG-STCA	417,408
Jefferson	185,609	2		37,340,343
King	6,766,710	47		
Kitsap	740,801	5		
Kittitas	2,348,498	4		
Klickitat	460,776	5		
Lewis	767,336	4		
Lincoln	126,450	2		
Mason	309,810	8		
Okanogan	173,435	3		
Pacific	208,780	1		
Pend Oreille	114,738	2		
Pierce	3,822,133	10		
San Juan	177,285	5		
Skagit	606,901	5		
Skamania	77,935	3		
Snohomish	2,137,877	17		
Spokane	1,189,291	14		
Stevens	219,716	5		
Thurston	1,176,901	9		
Wahkiakum	0	0		
Walla Walla	325,454	3		
Whatcom	1,768,283	5		
Whitman	222,858	4		
Yakima	487,340	3		
TOTALS:	37,340,343	226		

Reappropriations for LTCA 97-99 Biennium

COUNTY	TOTAL AMOUNT OF REAPPROPRIATION	TOTAL NUMBER OF GRANTS		
Adams	64,083.60	2		Total Obligations
Asotin	35,245.74	1		Carried Forward
Benton	239,737.62	3		
Chelan	240,284.91	3	RA	12,516,820.50
Clallam	163,862.40	6	CPG	7,998,227.58
Clark	922,074.64	9	PPG	391,411.76
Columbia	53,320.45	1		20,906,459.84
Cowlitz	145,029.60	4		
Douglas	376,962.78	3	Disbursed	15,179,884.74
Ferry	58,823.20	3	Continued	3,119,558.86
Franklin	334,089.66	3	Obligations	
Garfield	66,785.47	1	Deobligated	2,607,016.24
Grant	673,338.98	3		20,906,459.84
Grays Harbor	235,459.03	3		
Island	173,332.92	4		Reappropriated
Jefferson	62,428.85	2		Amount
King	3,317,935.93	36		
Kitsap	1,851,639.83	7	RA	12,468,089.00
Kittitas	292,146.59	3	CPB	8,312,060.00
Klickitat	98,534.54	2		
Lewis	393,103.27	3		20,780,149.00
Lincoln	270,556.23	3		
Mason	122,072.32	4	Disbursed	15,179,884.74
Okanogan	66,683.38	4	Continued	3,119,558.86
Pacific	102,952.16	1	Obligations	
Pend Oreille	93,725.92	2		
Pierce	2,559,386.16	11	Actual Balance	2,480,705.40
San Juan	65,795.68	2	Deobligated	
Skagit	199,238.95	3		
Skamania	107,559.10	5		
Snohomish	2,014,528.26	11		
Spokane	2,965,622.21	8		
Stevens	87,335.73	2		
Thurston	1,124,034.22	6		
Wahkiakum	0	0		
Walla Walla	106,640.92	1		
Whatcom	887,288.65	5		
Whitman	136,366.52	2		
Yakima	198,453.42	3		
TOTALS:	\$ 20,906,459.84	175		