

## APPENDIX J

# COST ASSESSMENT QUESTIONNAIRE PREPARED FOR WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION ADVISORY REVIEW

RCW 70.95.090 (8) "requires an assessment of the plan's impact on the costs of solid waste collection . . . prepared in conformance with guidelines established by the utilities and transportation commission."

RCW 70.95.096, however, limits the Commission's review to ". . . the plan's assessment of solid waste collection cost impacts on rates charged by solid waste collection companies regulated under chapter 81.77 RCW. . ." and requires the Commission to "advise the county or city submitting the plan and the department of the probable effect of the plan's recommendations on those rates."

This Cost Assessment is prepared to solicit the advice of the Washington Utilities and Transportation Commission as to how this Plan Update may impact the rates charged by Commission-regulated haulers. Other readers may wish to review the Cost Assessment in tandem with Chapter 10 of the Plan Update which includes a description of the County's solid waste management systems and Chapter 11 which provides a cost and financial review.

### Summary of Findings

1. The *Tacoma-Pierce County Solid Waste Management Plan* does not propose policies or programs which would impact the rates charged by Commission-regulated haulers.
2. The Plan does not recommend changes to waste collection, recycling, or yardwaste systems that would result in rate changes to residential, commercial, or industrial customers.
3. The only anticipated increases in solid waste tipping fees (which in turn are passed on to customers via the regulated haulers) will occur due to inflation, as allowed per the *1998 Pierce County – Land Recovery, Inc. Waste Handling Agreement*. Tipping Fees for the period 1999 to 2005 (assuming 3 percent annual inflation) are summarized below.

1999.....\$92.53 per ton	2002.....\$91.21 per ton
2000.....\$92.53 per ton	2003.....\$93.41 per ton
2001.....\$90.07 per ton – rate decrease due to scheduled completion of programs and removal of program components from rates	2004.....\$95.66 per ton
	2005.....\$97.99 per ton

4. If a new in-county landfill opens during the period covered by this plan, it is expected that tipping fees and collection fees will **decrease** to account for reduced transportation costs to a more proximate disposal site.
5. Pierce County does not plan to increase its share of solid waste tipping fees, the \$7.00 per ton County Administrative Cost Component.

# COST ASSESSMENT QUESTIONNAIRE

PLAN PREPARED FOR THE COUNTY OF: Tacoma-Pierce County

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DATE: 9/1/99

## Definitions

1. Throughout this document:  
BASE shall refer to January 1 to December 31, 1999  
YR. 1 shall refer to January 1 to December 31, 2000  
YR. 3 shall refer to January 1 to December 31, 2002  
YR. 6 shall refer to January 1 to December 31, 2005
2. Data and dollar figures are rounded to the nearest thousand
3. Base year costs are adapted from mid-year review of the adopted 1999 Solid Waste Division budget
4. Year 1 costs are from the Solid Waste Division's proposed Year 2000 budget (submitted July 1999)
5. Cost projections for years 3 and 6 are adjusted on an assumed 3 % inflation rate.

# 1. DEMOGRAPHICS

## 1.1 Population

1.1.1 What is the total population of your County/City?

<u>700,000</u>	<u>711,000</u>	<u>737,000</u>	<u>773,000</u>
Base – 1999	2000	2002	2005

1.1.2 For counties, what is the population of the area under your jurisdiction? (Exclude cities choosing to develop their own solid waste management system.)

<u>493,000</u>	<u>505,000</u>	<u>528,000</u>	<u>565,000</u>
Base – 1999	2000	2002	2005

## 1.2 References and Assumptions

- The response to item 1.1.1 is the 1999 population of Pierce County as calculated by the Washington State Office of Financial Management on April 1, 1999 and reported on July 1, 1999.
- The response to item 1.1.2 excludes the populations of the City of Tacoma, Town of Ruston, and the residential population of Fort Lewis and McChord Air Force Base. These jurisdictions have developed waste disposal systems which, while consistent with, and part of the Plan Update, are independent of the Pierce County waste disposal system. Please refer to Chapters 1 and 3 of the Plan Update for more detail.
- Projections for the years 2000, 2002 and 2005 are derived from Tables 3-13 and 3-14 of the Plan Update.

## 2. WASTE STREAM GENERATION

This first data set estimates tonnage generated by all three waste management systems within the County: the Pierce County/Cities and Towns System, the Tacoma/Ruston System, and the Fort Lewis/McChord AFB System. The population of these three areas was tabulated in the response to question 1.1.1.

### 2.1 Tonnage Recycled

<u>500,000</u>	<u>529,000</u>	<u>586,000</u>	<u>671,000</u>
Base – 1999 (est)	2000	2002	2005

### 2.2 Tonnage Disposed

<u>620,000</u>	<u>627,000</u>	<u>649,000</u>	<u>681,000</u>
Base – 1999 (est)	2000	2002	2005

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This second data set estimates tonnage generated just within the Pierce County/Cities and Towns System. The population of this area was tabulated in the response to question 1.1.2.

### 2.1 Tonnage Recycled

<u>350,000</u>	<u>370,000</u>	<u>410,000</u>	<u>470,000</u>
Base – 1999 (est)	2000	2002	2005

### 2.2 Tonnage Disposed

<u>387,000</u>	<u>394,000</u>	<u>409,000</u>	<u>432,000</u>
Base – 1999 (est)	2000	2002	2005

### 2.3 References and Assumptions

- Tonnage figures include municipal solid waste collected by certificated, contract and municipal haulers, self-hauled materials, and automobile fluff (the non-metallic portion of scrapped automobiles which has traditionally been included in definitions of the Pierce County waste stream). All other special wastes are excluded.
- Projections for the years 2000, 2002, and 2005 are derived from Tables 3-13 and 3-14 of the Plan Update.

### 3. SYSTEM COMPONENT COSTS:

Rather than utilizing the format contained within the Cost Assessment Questionnaire, Pierce County will describe its ongoing and recommended programs in the format and order in which they appear in the Plan Update. The County believes this will allow for a more accurate presentation of the Pierce County system, and will make the Cost Assessment a more useful tool to the County, the Utilities and Transportation Commission, the solid waste industry, recyclers, and the public.

- The following presentation on Chapter Four: Waste Reduction and Recycling includes all of the information requested by Sections 3.1 and 3.2 Cost Assessment Questionnaire.
- The following presentation on Chapter Six: Solid Waste Processing Technologies presents information not specifically requested, but which could have been included in Section 3.7 of the Cost Assessment Questionnaire.
- The following presentation on Chapter Seven: Transfer Facilities and Systems presents information not specifically requested, but which could have been included in Section 3.7 of the Cost Assessment Questionnaire.
- The following presentation on Chapter Eight: Landfilling presents information requested by Sections 3.5 and 3.7 of the Cost Assessment Questionnaire.
- The following presentation on Chapter Nine: Special Waste Systems presents information not specifically requested, but which could have been included in Section 3.7 of the Cost Assessment Questionnaire.
- The following presentation on Chapter Ten: Enforcement and Administration presents information requested by Section 3.6 of the Cost Assessment Questionnaire.

While we have diverted from the WUTC suggested format, you will find at a minimum, the same information requested by the WUTC. This approach is consistent with the instruction on page 7, paragraph 2 of the Cost Assessment Guidelines, 2<sup>nd</sup> Edition, January 1997.

This (revised) System Component Cost section will be followed by the required detail on:

- Energy Recovery and Incineration Programs (section 3.4);
- Land Disposal Programs (section 3.5); and
- Waste Collection Programs (section 3.3)

## Chapter Four: Waste Reduction and Recycling

### Current and Continuing Programs:

#### 1. Public Information, Education, and Outreach for Waste Reduction and Recycling

<b><u>\$594,000</u></b>	<b><u>\$677,000</u></b>	<b><u>\$718,000</u></b>	<b><u>\$708,000</u></b>
Base – 1999	2000	2002	2005

#### 2. Recycling Data Collection Program

<b><u>\$13,000</u></b>	<b><u>\$8,000</u></b>	<b><u>\$8,000</u></b>	<b><u>\$8,000</u></b>
Base – 1999	2000	2002	2005

#### 3. In-House Recycling Programs to Pierce County Employees

<b><u>\$50,000</u></b>	<b><u>\$30,000</u></b>	<b><u>\$30,000</u></b>	<b><u>\$30,000</u></b>
Base – 1999	2000	2002	2005

<b><u>Total for Current and Continuing Programs</u></b>			
<b><u>\$657,000</u></b>	<b><u>\$715,000</u></b>	<b><u>\$756,000</u></b>	<b><u>\$746,000</u></b>
Base – 1999	2000	2002	2005

#### ❖ Funding Mechanisms

This component of the Pierce County solid waste system is presently funded by the **County Administrative Cost (CAC)** component of solid waste tipping fees and the **Department of Ecology Coordinated Prevention Grant (CPG)**.

We propose to use the same funding mechanisms in the year 2000.

We propose to continue allocating part of the **CAC** to Waste Reduction and Recycling Programs in the years 2002 and 2005. At this time, however, we do not know whether the **CPG** program will be available in those years. If the **CPG** is not available, the programs can be funded from **Reserves** maintained by the County within its Solid Waste Enterprise Fund.

Please refer to the Funding Mechanism Summary Charts for more detail on the specific allocation of revenues and expenses.

### **Proposed New Programs:**

All new initiatives proposed within Chapter Four of the Plan Update must be implemented within the existing financial resources of the Solid Waste Division.

## Chapter Six: Solid Waste Processing Technologies

### Current and Continuing Programs:

#### 1. Yardwaste Composting Facility Debt Service

<b><u>\$293,000</u></b>	<b><u>\$293,000</u></b>	<b><u>N/A</u></b>	<b><u>N/A</u></b>
Base – 1999	2000	2002	2005

#### 2. Yardwaste Composting Facility Operations

<b><u>\$1,705,000</u></b>	<b><u>\$1,705,000</u></b>	<b><u>\$1,863,000</u></b>	<b><u>\$2,028,000</u></b>
Base – 1999	2000	2002	2005

<b><u>Total for Current and Continuing Programs</u></b>			
<b><u>\$1,998,000</u></b>	<b><u>\$1,998,000</u></b>	<b><u>\$1,863,000</u></b>	<b><u>\$2,028,000</u></b>
Base – 1999	2000	2002	2005

#### ❖ Funding Mechanism

Pierce County's Yardwaste Composting Facility and composting system are funded by the **Yardwaste Composting** component of the solid waste tipping fee. The same funding will be tapped in the years 2000, 2002, and 2005.

Please refer to the Funding Mechanism Summary Charts for more detail on the specific allocation of revenues and expenses.

### **Proposed New Programs**

The Plan Update does not recommend that the County or the public solid waste management system commit resources to new processing technologies.

## Chapter Seven: Transfer Facilities and Systems

### Current and Continuing Programs:

#### 1. Hidden Valley Transfer Station

<u>\$948,000</u>	<u>\$948,000</u>	<u>N/A</u>	<u>N/A</u>
Base – 1999	2000	2002	2005

#### 2. Prairie Ridge Residential Waste Transfer Site

<u>\$200,000</u>	<u>\$50,000</u>	<u>N/A</u>	<u>N/A</u>
Base – 1999	2000	2002	2005

#### 3. Pierce County Public and Private Waste Transfer and Recycling Systems

<u>\$9,255,000</u>	<u>\$9,255,000</u>	<u>\$10,068,000</u>	<u>\$10,953,000</u>
Base – 1999	2000	2002	2005

<u>Total for Current and Continuing Programs</u>			
<u>\$10,403,000</u>	<u>\$10,253,000</u>	<u>\$10,068,000</u>	<u>\$10,953,000</u>
Base – 1999	2000	2002	2005

### Proposed New Program:

#### 1. Transfer Station Study

<u>\$N/A</u>	<u>\$20,000</u>	<u>N/A</u>	<u>N/A</u>
Base – 1999	2000	2002	2005

<u>Total for Current, Continuing , and Proposed Programs</u>			
<u>\$10,403,000</u>	<u>\$10,273,000</u>	<u>\$10,068,000</u>	<u>\$10,953,000</u>
Base – 1999	2000	2002	2005

#### ❖ Funding Mechanism

In 1999, the primary funding mechanism for this component of Pierce County’s system is the **Transfer Facilities, Recycling, and Transportation (TFRT)** component of the solid waste tipping fee. Capital construction at Prairie Ridge in 1999 is funded from **Reserves**.

We propose to use a combination of the **TFRT** and the **CAC** in the year 2000.

The **TFRT** is the sole funding source in 2002 and 2005.

Please refer to the Funding Mechanism Summary Charts for more detail on the specific allocation of revenues and expenses.

## Chapter Eight: Landfilling

### Current and Continuing Programs:

#### 1. Solid Waste Longhaul Services

<u>\$12,270,000</u>	<u>\$12,270,000</u>	<u>\$13,176,000</u>	<u>\$14,148,000</u>
Base – 1999	2000	2002	2005

#### 2. Hidden Valley Landfill Closure and Post Closure Care; Purdy Post-Closure Care

<u>\$2,932,000</u>	<u>\$1,529,000</u>	<u>\$1,014,000</u>	<u>\$615,000</u>
Base – 1999	2000	2002	2005

#### 3. Hidden Valley Operations (per 1998 waste agreement costs postponed from 1997-98)

<u>\$1,038,000</u>	<u>\$1,038,000</u>	<u>n/a</u>	<u>n/a</u>
Base – 1999	2000	2002	2005

<u>Total for Current and Continuing Programs</u>			
<u>\$16,240,000</u>	<u>\$14,837,000</u>	<u>\$14,190,000</u>	<u>\$14,763,000</u>
Base – 1999	2000	2002	2005

#### ❖ Funding Mechanism

In 1999, the primary funding mechanism for this component of Pierce County's system is the **Long Haul Services** (LHS) component of the solid waste tipping fee. This will continue to be the main mechanism for waste which is long-hauled to the Roosevelt Landfill in Klickitat County.

The Pierce County – LRI Waste Handling Agreement allows for the use of an in-County landfill should one open within Pierce County. If this occurs, lower cost in-county landfilling would be substituted for the higher costs associated with transporting waste to the east side of the Cascades.

Closure activities and Post-Closure care are funded entirely from **Dedicated Reserve Accounts**. These accounts have sufficient reserves to provide all long term care which may be required by the Hidden Valley Landfill closure permit or a Cleanup Action Plan and Consent Decree executed for the Hidden Valley site.

The costs postponed from 1997-98 to the 1999 and 2000 rate period are funded through the **1997-98** component of the solid waste tipping fee.

Please refer to the Funding Mechanism Summary Charts for more detail on the specific allocation of revenues and expenses.

## Chapter Nine: Special Waste Systems

### **Current and Continuing Program:**

#### 1. Household Hazardous Waste Management Program

<u>\$168,000</u>	<u>\$193,000</u>	<u>\$205,000</u>	<u>\$223,000</u>
Base – 1999	2000	2002	2005

#### ❖ Funding Mechanisms

This component of the Pierce County solid waste system is presently funded by the **County Administrative Cost (CAC)** component of solid waste tipping fees and the **Department of Ecology Coordinated Prevention Grant (CPG)**.

We propose to use the same funding mechanisms in the year 2000.

We propose to continue allocating part of the **CAC** to Special Waste Programs in the years 2002 and 2005. At this time, however, we do not know whether the **CPG** program will be available in those years. If the CPG is not available, the programs can be funded from **Reserves** maintained by the County within its Solid Waste Enterprise Fund.

Please refer to the Funding Mechanism Summary Charts for more detail on the specific allocation of revenues and expenses.

### **Proposed New Program:**

#### 1. Construction, Demolition and Landclearing Debris diversion programs

All new initiatives proposed within Chapter Nine of the Plan Update (that are the responsibility of the Solid Waste Division) must be implemented within the existing financial resources of the Division.

## Chapter Ten: Enforcement and Administration

### Current and Continuing Programs:

#### 1. Solid Waste Planning Functions

<b><u>\$147,000</u></b>	<b><u>\$60,000</u></b>	<b><u>\$64,000</u></b>	<b><u>\$145,000</u></b>
Base – 1999	2000	2002	2005

#### 2. Tacoma-Pierce County Health Department Source Protection – Waste Management Program

<b><u>\$443,000</u></b>	<b><u>\$448,000</u></b>	<b><u>\$475,000</u></b>	<b><u>\$518,000</u></b>
Base – 1999	2000	2002	2005

#### 3. Solid Waste Administration

<b><u>\$1,283,000</u></b>	<b><u>\$1,056,000</u></b>	<b><u>\$1,119,000</u></b>	<b><u>\$1,220,000</u></b>
Base – 1999	2000	2002	2005

#### 4. Litter and Clean-Up Waste Disposal Credit

<b><u>\$150,000</u></b>	<b><u>\$150,000</u></b>	<b><u>\$156,000</u></b>	<b><u>\$168,000</u></b>
Base – 1999	2000	2002	2005

<b><u>Total for Current and Continuing Administration Programs</u></b>			
<b><u>\$2,023,000</u></b>	<b><u>\$1,714,000</u></b>	<b><u>\$1,814,000</u></b>	<b><u>\$2,051,000</u></b>
Base – 1999	2000	2002	2005

### Proposed New Program:

#### Consultant services to assist in Solid Waste contract compliance

<b><u>\$N/A</u></b>	<b><u>\$30,000</u></b>	<b><u>\$11,000</u></b>	<b><u>\$12,000</u></b>
Base – 1999	2000	2002	2005

<b><u>Total for Current, Continuing, and Proposed Administration Programs</u></b>			
<b><u>\$2,023,000</u></b>	<b><u>\$1,744,000</u></b>	<b><u>\$1,825,000</u></b>	<b><u>\$2,063,000</u></b>
Base – 1999	2000	2002	2005

#### ❖ Funding Mechanisms

This component of the Pierce County solid waste system is presently funded by the **County Administrative Cost (CAC)** and **Litter and Cleanup Disposal Credit** (litter) components of solid waste tipping fees, the **Department of Ecology Coordinated Prevention Grant (CPG)** and **Interest** earned on the reserves maintained within the Solid Waste Enterprise Fund. We propose to use the same funding mechanisms in the year 2000.

We propose to allocate the **CAC**, **Litter**, and **Interest** to Enforcement & Administration in 2002 and 2005. At this time, however, we do not know whether the **CPG** program will be available in those years. If the **CPG** is not available, the programs can be funded from **Reserves** maintained by the County within its Solid Waste Enterprise Fund.

Please refer to the Funding Mechanism Summary Charts for more detail on the specific allocation of revenues and expenses.

### **Energy Recovery & Incineration Programs (Cost Assessment Section 3.4)**

There are no waste to energy or incinerator facilities handling waste generated within the Pierce County/Cities and Towns Management System.

The City of Tacoma Solid Waste Utility owns Tacoma Steam Plant No. 2 which utilizes waste from the City of Tacoma system. State certificated haulers do not deliver waste to this facility.

### **Land Disposal Program (Cost Assessment Section 3.5)**

All waste generated within the Pierce County/Cities and Towns Management System is long-hauled to the Roosevelt Regional Landfill located in Klickitat County.

The City of Tacoma Solid Waste Utility owns and operates the City of Tacoma Sanitary Landfill which provides disposal for a portion of the City waste stream. State certificated haulers do not deliver waste to this disposal site.

Fort Lewis Military Reservation operates the Fort Lewis Landfill which provides disposal for a portion of the Fort Lewis and McChord Air Force Base waste streams. State certificated haulers do not deliver waste to this disposal site.

**Solid Waste Collection Programs**  
 (Cost Assessment Section 3.3)  
 Certificated Haulers

**American Disposal, G-37 & Murrey's Disposal, G-9**  
 (subsidiaries of Waste Connections, Inc.)

	<b>Base - 1999</b>	<b>Year 1 - 2000</b>	<b>Year 3 - 2002</b>	<b>Year 6 - 2005</b>
<b>Residential Customers</b>	38,023	38,783	40,335	42,755
<b>Commercial Customers</b>	2,993	3,053	3,175	3,365
<b>Estimated</b>				
<b>Annual Tonnage</b>	66,187	66,849	68,186	70,232

**Pierce County Refuse, G-98**  
 (subsidiary of Harold LeMay Enterprises, Inc.)

	<b>Base - 1999</b>	<b>Year 1 - 2000</b>	<b>Year 3 - 2002</b>	<b>Year 6 - 2005</b>
<b>Residential Customers</b>	28,600	29,170	30,340	32,160
<b>Commercial Customers</b>	6,100	6,220	6,470	6,860
<b>Estimated</b>				
<b>Annual Tonnage</b>	86,001	86,861	88,598	91,256

**Lakewood Refuse, G-18**  
 (subsidiary of Harold LeMay Enterprises, Inc.)

	<b>Base - 1999</b>	<b>Year 1 - 2000</b>	<b>Year 3 - 2002</b>	<b>Year 6 - 2005</b>
<b>Residential Customers</b>	1,447	1,480	1,540	1,630
<b>Commercial Customers</b>	485	500	520	550
<b>Estimated</b>				
<b>Annual Tonnage</b>	6,011	6,071	6,192	6,378

## Solid Waste Collection Programs

(Cost Assessment Section 3.3)

### Non-Certificated Haulers

#### **DM Disposal and Superior Refuse** (providing service to cities) (subsidiaries of Waste Connections, Inc.)

	<b>Base - 1999</b>	<b>Year 1 - 2000</b>	<b>Year 3 - 2002</b>	<b>Year 6 - 2005</b>
<b>Residential Customers</b>	14,351	14,638	15,224	16,137
<b>Commercial Customers</b>	1,076	1,098	1,141	1,210
<b>Estimated</b>				
<b>Annual Tonnage</b>	24,476	24,721	25,215	25,972

#### **University Place Refuse and Westside Disposal** (providing service to cities)

	<b>Base - 1999</b>	<b>Year 1 - 2000</b>	<b>Year 3 - 2002</b>	<b>Year 6 - 2005</b>
<b>Residential Customers</b>	8,400	8,570	8,910	9,450
<b>Commercial Customers</b>	485	500	520	550
<b>Estimated</b>				
<b>Annual Tonnage</b>	12,964	13,093	13,355	13,756

#### **Pierce County Refuse** (providing service to cities) (subsidiary of Harold LeMay Enterprises, Inc.)

	<b>Base - 1999</b>	<b>Year 1 - 2000</b>	<b>Year 3 - 2002</b>	<b>Year 6 - 2005</b>
<b>Residential Customers</b>	4,500	4,590	4,770	5,060
<b>Commercial Customers</b>	800	820	850	900
<b>Estimated</b>				
<b>Annual Tonnage</b>	12,028	12,148	12,391	12,763

#### **Lakewood Refuse** (providing service to cities) (subsidiary of Harold LeMay Enterprises, Inc.)

	<b>Base - 1999</b>	<b>Year 1 - 2000</b>	<b>Year 3 - 2002</b>	<b>Year 6 - 2005</b>
<b>Residential Customers</b>	9,621	9,810	10,200	10,810
<b>Commercial Customers</b>	1,080	1,100	1,150	1,220
<b>Estimated</b>				
<b>Annual Tonnage</b>	19,784	19,982	20,381	20,993

**Solid Waste Collection Programs**  
 (Cost Assessment Section 3.3)  
 Data Summary

**Total Certificated Haulers**

	<b>Base - 1999</b>	<b>Year 1 - 2000</b>	<b>Year 3 - 2002</b>	<b>Year 6 - 2005</b>
<b>Residential Customers</b>	68,070	69,433	72,215	76,545
<b>Commercial Customers</b>	9,578	9,773	10,165	10,775
<b>Estimated</b>				
<b>Annual Tonnage</b>	<b>158,199</b>	<b>159,781</b>	<b>162,977</b>	<b>167,866</b>

**Total Non-Certificated Haulers**

	<b>Base - 1999</b>	<b>Year 1 - 2000</b>	<b>Year 3 - 2002</b>	<b>Year 6 - 2005</b>
<b>Residential Customers</b>	36,872	37,608	39,104	41,457
<b>Commercial Customers</b>	3,441	3,518	3,661	3,880
<b>Estimated</b>				
<b>Annual Tonnage</b>	<b>69,252</b>	<b>69,944</b>	<b>71,343</b>	<b>73,484</b>

**Total Certificated and Non-Certificated Haulers**

	<b>Base - 1999</b>	<b>Year 1 - 2000</b>	<b>Year 3 - 2002</b>	<b>Year 6 - 2005</b>
<b>Residential Customers</b>	104,942	107,041	111,318	118,002
<b>Commercial Customers</b>	13,019	13,290	13,826	14,655
<b>Estimated</b>				
<b>Annual Tonnage</b>	<b>227,451</b>	<b>229,725</b>	<b>234,320</b>	<b>241,349</b>

## FUNDING MECHANISMS

Please refer to the attached spreadsheets.

### **Solid Waste Tipping Fee**

Pierce County entered into a Waste Handling Agreement with Land Recovery, Inc. (LRI) in 1998. LRI operates five solid waste facilities owned by Pierce County:

- Purdy Transfer Station
- Anderson Island Residential Waste Transfer Site (Drop Box)
- Key Center Residential Waste Transfer Site (Drop Box)
- Prairie Ridge Residential Waste Transfer Site (Drop Box)
- Pierce County Yardwaste Composting Facility (at Purdy)

LRI makes available its Hidden Valley Transfer Station for the use of Pierce County residents, businesses, and haulers.

LRI also provides the following additional services:

- Transportation of waste from the Drop Boxes to a Transfer Station
- Containerization of waste at Transfer Stations
- Intermodal and Long Haul services
- Arrangement for disposal at the Roosevelt Regional Landfill in Klickitat County
- Participation in a Litter and Cleanup Waste Disposal Credit
- Participation in Emergency Management Programs
- Funding for the County's solid waste management responsibilities through the County Administrative Cost component of tipping fees
- Closure of the Hidden Valley Landfill
- Post Closure Maintenance of the Hidden Valley and Purdy Landfills

The Pierce County – LRI Waste Handling Agreement establishes the solid waste tipping fee. There are six components to the tipping fee:

- Transfer Facilities, Recycling, and Transportation Component (TFRT)
- Yardwaste Composting Component (Yardwaste)
- Long Haul Services Component (LHS)
- Litter and Cleanup Programs Component (Litter)
- Obligations from Original Agreement Component (1997-98)
- County Administrative Cost Component (CAC)

In 1999, the tipping fee is \$92.53 per ton, broken into the components as follows:

TFRT.....	\$34.01	LHS .....	\$40.90	1997-98.....	\$3.46
Yardwaste.....	\$6.66	Litter.....	\$0.50	CAC.....	\$7.00

Rates may be adjusted annually on March 1, per formulas contained within the Rate Setting Guidelines Appendix to the Waste Handling Agreement.