

**State of Alaska**  
**FY2007 Governor's Operating Budget**

**Department of Environmental Conservation**  
**Solid Waste Management**  
**Component Budget Summary**

**Component: Solid Waste Management**

**Contribution to Department's Mission**

Environmental protection by requiring appropriate management of Alaska's landfills and safe pesticide use.

**Core Services**

- Review and approve permit applications including plans for design, operations, monitoring, management, construction, and closure; issue permits for solid waste treatment and disposal facilities; and review monitoring results.
- Inspect landfills to verify their compliance with permit requirements and state solid waste regulations.
- Monitor closed landfill sites.
- Train and certify pesticide applicators.
- Register and monitor the sale, use, and storage of pesticides.
- Conduct inspections of pesticide distributors and applications of restricted use pesticides to ensure compliance with the Worker Protection Standards.
- Issue and monitor pesticide permits.

End Results	Strategies to Achieve Results
<p><b>A: Landfills are not a source of pollution.</b></p> <p><u>Target #1:</u> 100% of Class I and II municipal landfills, regulated industry landfills, and storage/transfer areas are properly located, authorized/permited, and operating landfills.</p> <p><u>Measure #1:</u> % of Class I and II municipal landfills, industrial landfills and storage/transfer areas that are properly located, authorized/permited and operating landfills.</p>	<p><b>A1: Establish protective standards for Solid Waste.</b></p> <p><u>Target #1:</u> Legislation is submitted and regulations are revised, adopted and implemented by the end of FY2007.</p> <p><u>Measure #1:</u> % of solid waste regulations and standards complete.</p> <p><b>A2: Issue Solid Waste permits timely.</b></p> <p><u>Target #1:</u> 90% of permits are processed within 180 days of receiving complete application.</p> <p><u>Measure #1:</u> % of permits processed within 180 days of receiving complete application.</p> <p><b>A3: Strengthen Solid Waste Program enforcement.</b></p> <p><u>Target #1:</u> Implement enforcement program for Solid Waste by FY2008.</p> <p><u>Measure #1:</u> % of enforcement program implemented for Solid Waste.</p>

**Major Activities to Advance Strategies**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Implement the landfill location risk-based model.</li> <li>• Evaluate, revise and start implementation of a risk-based statewide inspection and compliance plan.</li> <li>• Implement a self-audit program for landfill owners based on different risk levels.</li> <li>• Inspect landfills based on level of risk.</li> </ul> | <ul style="list-style-type: none"> <li>• Inspect for non-compliance of pesticide regulations and the Worker Protection Standard.</li> <li>• Process pesticide application permits.</li> <li>• Provide technical assistance to and inspect public places, including schools, relating to pesticide use.</li> <li>• Register pesticides for sale, distribution and use in the state.</li> </ul> |
|---|---|

**FY2007 Resources Allocated to Achieve Results**

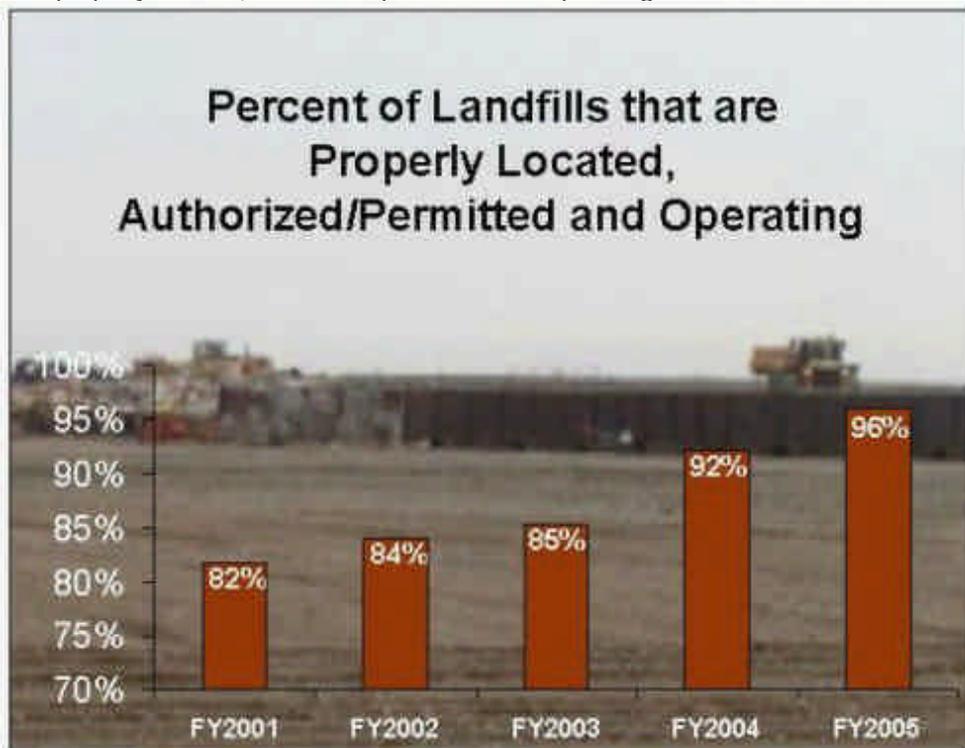
<b>FY2007 Component Budget: \$1,855,200</b>	<b>Personnel:</b>	
	Full time	20
	Part time	0
	<b>Total</b>	<b>20</b>

**Performance Measure Detail**

**A: Result - Landfills are not a source of pollution.**

**Target #1:** 100% of Class I and II municipal landfills, regulated industry landfills, and storage/transfer areas are properly located, authorized/permited, and operating landfills.

**Measure #1:** % of Class I and II municipal landfills, industrial landfills and storage/transfer areas that are properly located, authorized/permited and operating landfills.

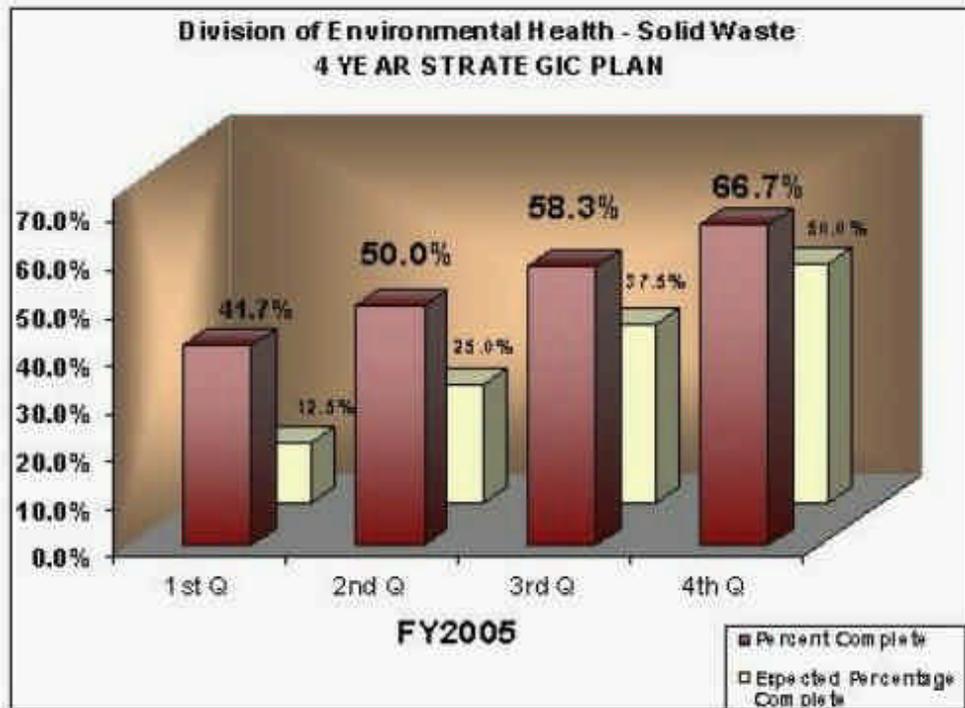


**Analysis of results and challenges:** The Solid Waste Program oversees permitting municipal landfills receiving over 5 tons of waste per day (Class I and Class II landfills) and industrial activities that require permitting. The program tracks the number of Class I, Class II, and industrial permits and the number of facilities requiring permits. All of the facilities required to be permitted are either permitted or in the process of obtaining new permits or renewing the necessary permit.

**A1: Strategy - Establish protective standards for Solid Waste.**

**Target #1:** Legislation is submitted and regulations are revised, adopted and implemented by the end of FY2007.

**Measure #1:** % of solid waste regulations and standards complete.



**Analysis of results and challenges:** The Solid Waste Program effectively manages waste disposal for larger communities through Class I and Class II permits. In the current permitting system, small communities producing less than 5 tons of municipal solid waste per day are required to have Class III permit. Only 25% of the Class III communities have permitted landfills and the department is changing the structure of the Solid Waste Program to improve the number of authorized Class III landfills by developing a process and procedures for governing prior authorization of Class III landfills and revising the solid waste regulations.

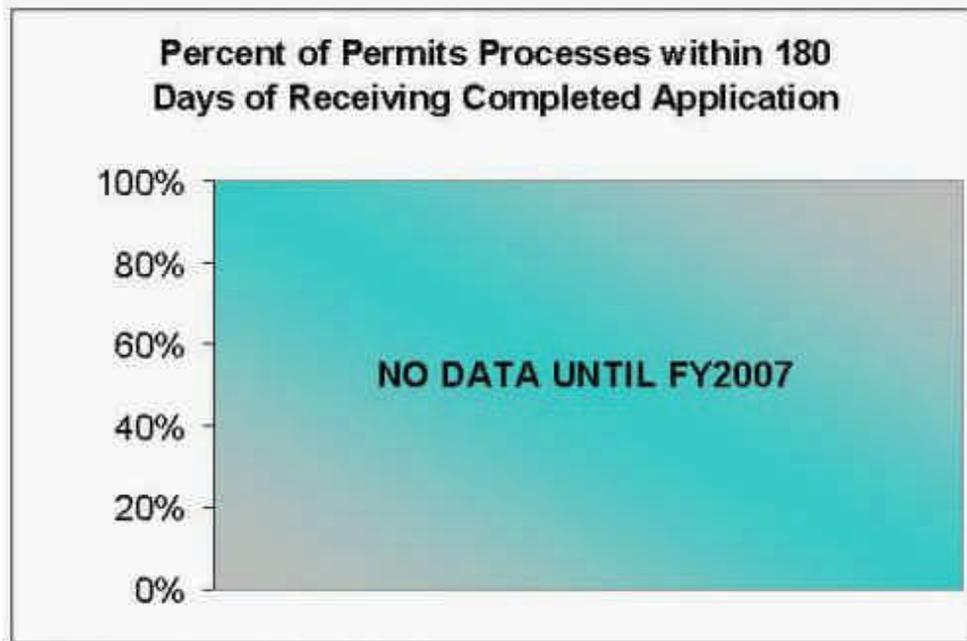
A location risk calculator that utilizes location-specific data is being developed for Class III landfills that will allow a community to evaluate if they qualify for prior authorization. The calculator will be linked to landfill design criteria and operational parameters specific to the landfill's .

Conceptual design of the location risk calculator is completed and is scheduled for web-design application in FY2006. Development of the design criteria and operational parameters has started and will be ready for linking to the location calculator in FY2006. Regulation revisions are underway and expected to be complete by the end of FY2007.

## **A2: Strategy - Issue Solid Waste permits timely.**

**Target #1:** 90% of permits are processed within 180 days of receiving complete application.

**Measure #1:** % of permits processed within 180 days of receiving complete application.

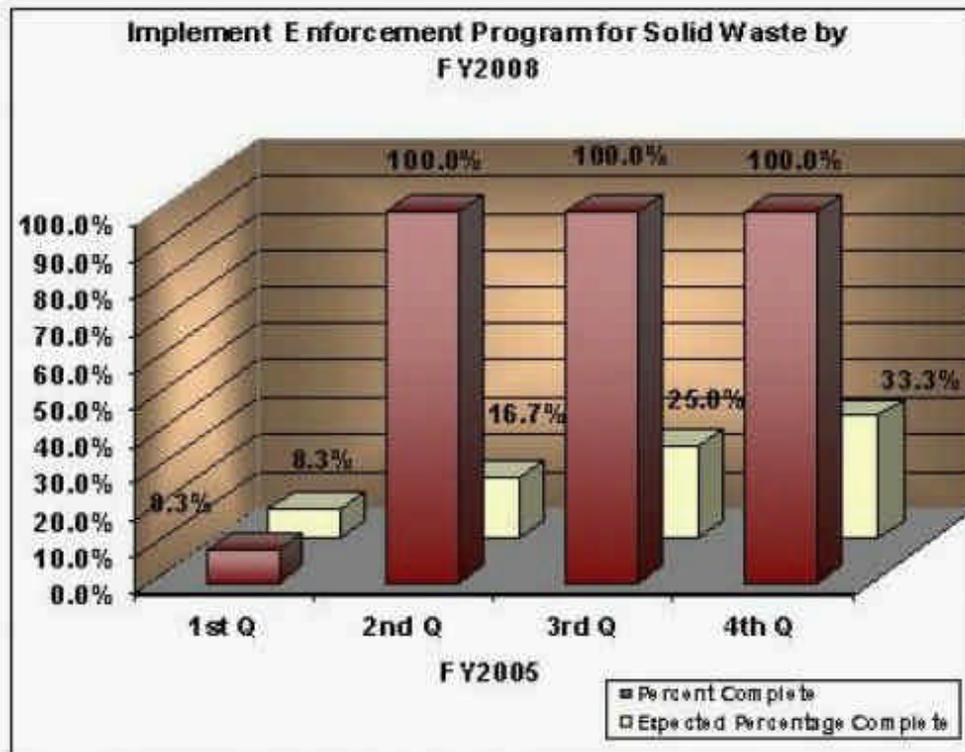


**Analysis of results and challenges:** Tracking the time to process a Class I, Class II, and industrial permit is a new measure for the Solid Waste Program. This information will provide a measurement of the adequacy of permit applications submitted to the program and how effectively the program processes permit applications. The program must implement a new database and develop policy and tracking mechanisms for managing incomplete permit applications, the date of permit application, and the final approval and disapproval of the permit. The policy and tracking mechanisms are under development and will be in place by mid year FY2007.

### **A3: Strategy - Strengthen Solid Waste Program enforcement.**

**Target #1:** Implement enforcement program for Solid Waste by FY2008.

**Measure #1:** % of enforcement program implemented for Solid Waste.



**Analysis of results and challenges:** The Solid Waste Program is undergoing major restructuring of the permitting process and development of "prior authorization" procedure for municipal and industrial landfills. With these revisions and new structures the Solid Waste Program will evaluate non-compliance with landfill permitting and prior authorization to determine the appropriate level and type of enforcement for violations of the revised solid waste regulations. Analysis of problems related to enforcement will be ongoing with development of new regulations and will be the basis for development of a solid waste enforcement plan. The enforcement plan will outline the rational and steps to be taken for different violations based on the type of permit or prior authorization of the landfill.

### Key Component Challenges

Non-compliance of solid waste regulations, particularly in small communities, continues to pose risks to public health and to the air, water, lands, and subsurface lands of the state. To resolve these problems, the program is shifting from the standard permit type program to a risk-based approach. This will link the high, medium, low levels of risk of a landfill to the appropriate department permit or appropriate authorization. Although needed statutory changes have been made, this significant shift in program philosophy still requires a major regulation revision and re-structuring of workloads based on risks posed from landfill location. As part of this philosophical shift and to streamline and enhance program performance, the program has developed new application forms, best management practices for Class III and some industrial landfills, self-audit programs, and other tools that relate to the various risk levels. Until the risk-based strategies are approved for implementation, the program will continue to maintain the current permit program, inspections and on-site technical assistance to ensure adequate protection of public health and the environment from impacts of improper solid waste management.

Pesticide use in Alaska is consistently one of the most controversial environmental issues in the state. Pesticides are the most regulated group of chemicals in the United States. The Pesticide Program continues to meet the challenges of regulating pesticide use with inspections, certification and training, technical assistance, permitting, and registration.

### Significant Changes in Results to be Delivered in FY2007

HB 19, passed in 2005, requires annual registration fees for pesticide use in Alaska and licensing fees for certified pesticide applicators. In addition, the legislation establishes public notice requirements for pesticide use in public

areas, including common areas of an apartment building or multi-family dwelling, plazas, parks, and public sports fields, and areas of government offices open to the public. Public notice regulations, currently being drafted, will be finalized and implemented in FY2007. The fiscal note that accompanied HB 19 included the addition of a position in FY2007 focused on increased enforcement related to registration and the safe use of pesticides according to the federal label.

### Major Component Accomplishments in 2005

Completed development of a Landfill Location Criteria Calculator to provide communities the ability for risk-based self-evaluation of Class III landfills based on specific characteristics on the landfill location.

Completed draft of proposed Solid Waste regulations.

Completed the development of new management tools to enable communities to reduce the environmental risk of Class III landfills through specified operational practices and design characteristics.

Completed draft of proposed pesticide fee regulations.

### Statutory and Regulatory Authority

AS 44.46.020, AS 44.46.025, AS 46.03.100-120, AS 46.06.021, 18 AAC 15, 18 AAC 60

Contact Information
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**Solid Waste Management  
Component Financial Summary**

*All dollars shown in thousands*

	FY2005 Actuals	FY2006 Management Plan	FY2007 Governor
<b>Non-Formula Program:</b>			
<b>Component Expenditures:</b>			
71000 Personal Services	1,200.5	1,367.4	1,519.5
72000 Travel	57.4	67.8	69.8
73000 Services	176.5	324.8	231.3
74000 Commodities	12.9	25.7	26.7
75000 Capital Outlay	0.0	7.4	7.9
77000 Grants, Benefits	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
<b>Expenditure Totals</b>	<b>1,447.3</b>	<b>1,793.1</b>	<b>1,855.2</b>
<b>Funding Sources:</b>			
1002 Federal Receipts	207.8	307.9	320.5
1003 General Fund Match	69.7	4.0	4.0
1004 General Fund Receipts	993.4	985.2	1,016.1
1005 General Fund/Program Receipts	176.4	178.0	185.9
1156 Receipt Supported Services	0.0	318.0	328.7
<b>Funding Totals</b>	<b>1,447.3</b>	<b>1,793.1</b>	<b>1,855.2</b>

**Estimated Revenue Collections**

Description	Master Revenue Account	FY2005 Actuals	FY2006 Managem nt Plan	FY2007 Governor
<b>Unrestricted Revenues</b>				
None.		0.0	0.0	0.0
<b>Unrestricted Total</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Restricted Revenues</b>				
Federal Receipts	51010	207.8	307.9	320.5
General Fund Program Receipts	51060	176.4	178.0	185.9
Receipt Supported Services	51073	0.0	318.0	328.7
<b>Restricted Total</b>		<b>384.2</b>	<b>803.9</b>	<b>835.1</b>
<b>Total Estimated Revenues</b>		<b>384.2</b>	<b>803.9</b>	<b>835.1</b>

**Summary of Component Budget Changes  
From FY2006 Management Plan to FY2007 Governor**

*All dollars shown in thousands*

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
<b>FY2006 Management Plan</b>	<b>1,167.2</b>	<b>307.9</b>	<b>318.0</b>	<b>1,793.1</b>
<b>Adjustments which will continue current level of service:</b>				
-FY 07 Wage Increases for Bargaining Units and Non-Covered Employees	18.1	4.0	3.4	25.5
-FY 07 Health Insurance Cost Increases for Bargaining Units and Non-Covered Employees	2.2	0.5	0.5	3.2
-FY 07 Retirement Systems Cost Increase	34.2	7.6	6.4	48.2
-HB 19 Pesticide Program - Fiscal Note Implementation	-17.9	0.0	0.0	-17.9
<b>Proposed budget increases:</b>				
-Risk Management Self-Insurance Funding Increase	2.2	0.5	0.4	3.1
<b>FY2007 Governor</b>	<b>1,206.0</b>	<b>320.5</b>	<b>328.7</b>	<b>1,855.2</b>

**Solid Waste Management  
Personal Services Information**

Authorized Positions		Personal Services Costs		
	<u>FY2006</u> <u>Management</u> <u>Plan</u>	<u>FY2007</u> <u>Governor</u>		
Full-time	19	20	Annual Salaries	1,002,164
Part-time	0	0	COLA	27,109
Nonpermanent	0	0	Premium Pay	0
			Annual Benefits	547,626
			<i>Less 3.64% Vacancy Factor</i>	<i>(57,399)</i>
			Lump Sum Premium Pay	0
<b>Totals</b>	<b>19</b>	<b>20</b>	<b>Total Personal Services</b>	<b>1,519,500</b>

**Position Classification Summary**

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Administrative Clerk II	0	0	0	1	1
Analyst/Programmer V	1	0	0	0	1
Env Eng Associate	1	0	0	0	1
Environ Program Manager I	1	1	0	0	2
Environ Program Manager II	1	0	0	0	1
Environ Program Spec I	0	0	0	1	1
Environ Program Spec II	1	1	1	2	5
Environ Program Spec III	1	1	1	3	6
Environ Program Technician	0	0	0	1	1
Research Analyst II	1	0	0	0	1
<b>Totals</b>	<b>7</b>	<b>3</b>	<b>2</b>	<b>8</b>	<b>20</b>