

State of Alaska
FY2007 Governor's Operating Budget

Department of Environmental Conservation
Prevention and Emergency Response
Component Budget Summary

Component: Prevention and Emergency Response

Contribution to Department's Mission

Protect public safety, public health and the environment by preventing and mitigating the effects of oil and hazardous substance releases and ensuring their cleanup through government planning, preparedness and rapid response.

Core Services

- Protect the public and environmental resources from the effects of some 2,000 spills of oil and hazardous substances.
- Oversee or conduct response actions to ensure that all spills are cleaned up as quickly as possible to minimize the damage to public health and the environment.
- Establish and maintain spill response partnerships with city and borough governments under the Alaska Spill Response Depot/Corps System, which recognizes that immediate response activities are critical to protecting local resources in both coastal and inland communities.
- Prevent and reduce the occurrence of oil spills and hazardous substance releases from unregulated sources.
- Protect public health and the environment from the effects of hazardous substance release by establishing and maintaining the Statewide Hazardous Materials Response capability that will facilitate rapid response to a Level A or Level B incident anywhere in Alaska.

| End Results | Strategies to Achieve Results |
|--|---|
| <p>A: Risk from new spills of oil and hazardous substances by regulated and unregulated entities, is eliminated.</p> <p><u>Target #1:</u> No new spills result in long-term remediation. <u>Measure #1:</u> % of spills needing long-term remediation.</p> | <p>A1: Clean up new oil and hazardous substance spills.</p> <p><u>Target #1:</u> 98% of new oil and hazardous substance spills are cleaned up or are in monitoring status. <u>Measure #1:</u> % of new oil and hazardous substance spills that are cleaned or are in monitoring status.</p> |

Major Activities to Advance Strategies

- Ensure emergency response and removal of oil and hazardous substance releases.
- Conduct updates of Community-Right-To-Know/Tier Two Inventory and hazmat commodity flow data.
- Ensure the use of common terminology and operational tactics by developing a statewide spill response tactics manual.
- Upgrade the DEC communications system to ensure compatibility with the Alaska Land Mobile Radio System.

FY2007 Resources Allocated to Achieve Results

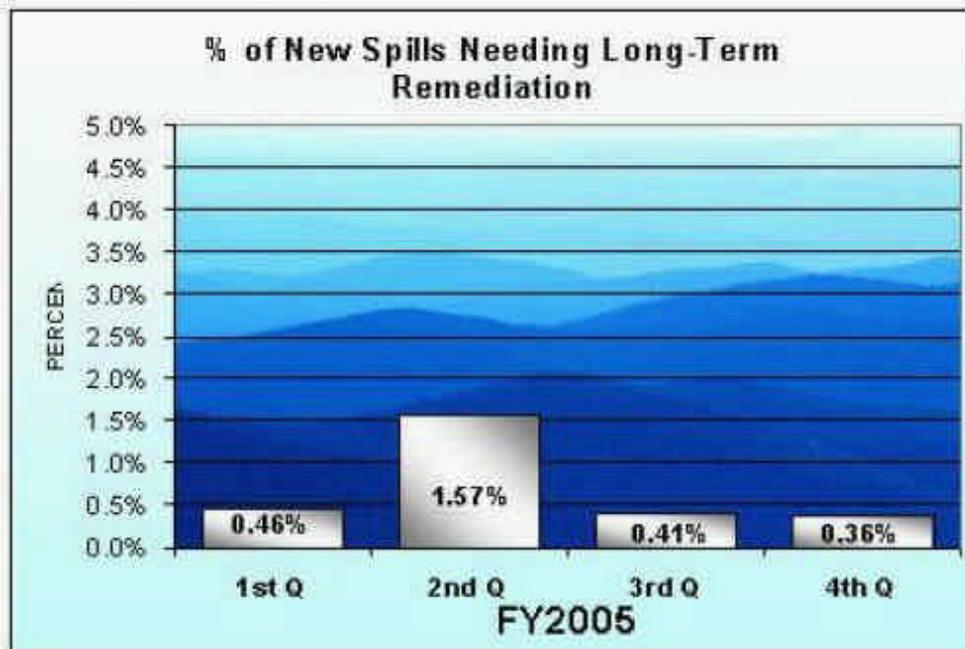
| | | |
|--|-------------------|-----------|
| <p>FY2007 Component Budget: \$3,835,800</p> | Personnel: | |
| | Full time | 37 |
| | Part time | 0 |
| | Total | 37 |

Performance Measure Detail

A: Result - Risk from new spills of oil and hazardous substances by regulated and unregulated entities, is eliminated.

Target #1: No new spills result in long-term remediation.

Measure #1: % of spills needing long-term remediation.



Analysis of results and challenges: The sooner a spill of oil or hazardous substances is contained and cleaned, the less impact it will have on the environment, on human health and on the economy. Our goal is to respond to, contain, and clean spills as they occur to prevent them from causing wide-spread damage to water sources, land, wildlife, and adjoining properties.

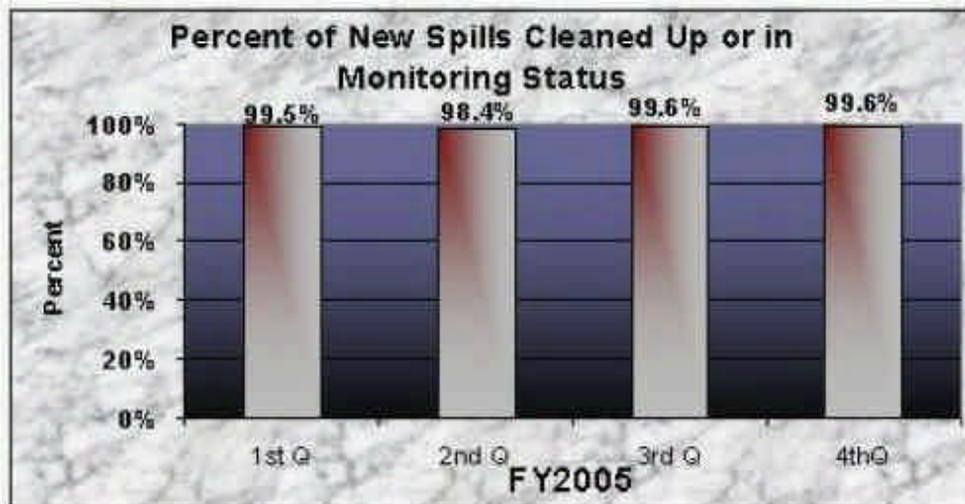
Only the largest and most complex new spills, for example, spills that impact ground water, are turned over to the contaminated sites program for long-term remediation.

Data indicates that less than 1% of new spills are turned over for long-term remediation.

A1: Strategy - Clean up new oil and hazardous substance spills.

Target #1: 98% of new oil and hazardous substance spills are cleaned up or are in monitoring status.

Measure #1: % of new oil and hazardous substance spills that are cleaned or are in monitoring status.



Analysis of results and challenges: The sooner a spill of oil or hazardous substances is contained and cleaned, the less impact it will have on the environment, on human health and on the economy. Our goal is to respond to, contain, and clean spills as they occur to prevent them from causing wide-spread damage to water sources, land, wildlife, and adjoining properties.

When sites are in monitoring status, they have been cleaned to a point that allows continued use of the site. Frequently, this will include removing and storing contaminated soils, which are monitored during field visits until the contamination has declined to a level that meets acceptable state standards.

Only the largest and most complex new spills, for example, spills that impact ground water, are turned over to the contaminated sites program for long-term remediation.

Data indicates that over 99% of new spills are contained and cleaned to a point that allows continued use of property with no further cleanup action required.

Key Component Challenges

Key challenge will be to continue decreasing the number of oil and hazardous substance spills from unregulated entities. Eighty-five percent of the spills reported are from unregulated entities. There is a need to statistically analyze spills data to identify spill causes and implement initiatives (such as using a risk-based approach, public education, and technical assistance prevention) to reduce spills.

Another challenge will be to increase statewide emergency response capabilities by conducting general and specialized spill response and incident management training to state agencies and department personnel. Currently 123 department staff are trained and registered on the department's response team roster. Additional recruitment and specialized training will allow for sustaining a long-term emergency and enhance statewide response capabilities.

Significant Changes in Results to be Delivered in FY2007

None.

Major Component Accomplishments in 2005

Initiated emergency responses to 37 significant spills statewide and continued to monitor ongoing cleanup and recovery activities.

Initiated and managed the State's response to the M/V Selendang Ayu grounding which began on December 7, 2004 and released 333,732 gallons of oil into the marine environment spoiling shorelines of Unalaska Island. The lightering of

146,774 gallons of fuel from the stricken vessel was a success. The resource protection efforts for commercial fisheries valued in the hundreds of millions of dollars were successful, without contamination or depressed market prices, and with record harvests. The state agencies will continue to participate in shoreline assessment and cleanup of operations through the end of FY2006.

Received a total of 1,982 spill reports (8% decrease) and conducted field visits or phone follow-ups for 727 (9% increase) of these spills. Of the total spills reported, 482 after-hour calls (7% increase) requiring action were received from the Alaska State Trooper Dispatch Center.

Managed 3,687 prior and new spill cleanups throughout the state. Removed the risk by cleaning up contaminants at sites and then closing or issuing "no further action" letters for 1,923 spills. Transferred 14 cases to the Contaminated Sites Program for long-term cleanup and monitoring and 7 cases to the Department of Law for enforcement action.

Accessed and mobilized spill containment and recovery equipment from the state's response depots for 6 spills occurring in fiscal year 2005.

Increased the State's overall capacity to respond to spills by expanding the Alaska Spill Response Depot/Corp System to include a local response agreement with the Matanuska-Susitna Borough, bringing the total number of communities and agreements participating in the system to 43.

Expanded the State's ability to respond to oil spills by participating in community response training using state equipment from depots located in Toksook Bay, Bethel, and Seldovia.

Facilitated the activities of the Statewide Hazmat Response Workgroup. The workgroup sponsored an ammonia training course in Valdez, developed a Hazmat Commodity Flow Study and coordinated a joint cold weather exercise in Fairbanks.

Conducted Geographic Response Strategies (GRS) site visits in Prince William Sound and Cook Inlet and further developed GRSs for the Kodiak subarea. Approximately 129 GRSs have been identified in Cook Inlet.

Initiated and completed a study of vessel traffic in and through the Aleutians following the wreck of the M/V Selendang Ayu. The study identified over 2,700 voyages annually carrying over 800 million gallons of oil either as cargo or used as fuel. The information will be used to analyze risks and identify potential mitigation measures.

Established a Fishing Vessel Spill Prevention Initiative to prevent spills from unregulated fishing vessels and conducted several public and joint-agency U.S. Coast Guard and DEC boating safety symposiums aimed at addressing boating safety, spill prevention and preparedness.

Continued spill prevention efforts for home heating oil tanks, resulting in a 31% reduction in the number of spills reported and a 24% reduction in the amount of home heating oil spilled to the environment, since its inception in FY2000.

Initiated development of a statewide spill response tactics manual. The manual identifies initial spill response tactics for use statewide. A literature search was conducted and the manual was developed with guidance from industry and state and federal government agencies. The manual will be completed in FY2006.

Completed the development of Places of Refuge guidelines with the States/British Columbia Oil Spill Task Force and Alaska Regional Response Team work groups. The guidelines provide step-by-step procedures to decide if a ship in distress should be offered a place of refuge and risk factors to consider for identifying the actual anchoring or mooring locations. The guidelines will be included in Change 3 of the Unified Plan.

Completed regulations to be used for the evaluation and cleanup of sites used to manufacture illegal drugs in Alaska, as established in House Bill 59. Draft regulations and supporting technical documents underwent public review in September, 2004 and were adopted as final regulations in February, 2005.

Statutory and Regulatory Authority

AS 46.04, AS 46.08, AS 46.09, 18 AAC 75.

Contact Information

Contact: Leslie Pearson, Program Manager
Phone: (907) 269-7543
Fax: (907) 269-7648
E-mail: leslie_pearson@dec.state.ak.us

**Prevention and Emergency Response
Component Financial Summary**

All dollars shown in thousands

| | FY2005 Actuals | FY2006 Management Plan | FY2007 Governor |
|----------------------------------|----------------|---------------------------|-----------------|
| Non-Formula Program: | | | |
| Component Expenditures: | | | |
| 71000 Personal Services | 2,185.8 | 2,845.3 | 3,011.3 |
| 72000 Travel | 141.7 | 208.0 | 208.0 |
| 73000 Services | 474.2 | 425.7 | 425.7 |
| 74000 Commodities | 137.7 | 86.4 | 86.4 |
| 75000 Capital Outlay | 119.4 | 104.4 | 104.4 |
| 77000 Grants, Benefits | 0.0 | 0.0 | 0.0 |
| 78000 Miscellaneous | 0.0 | 0.0 | 0.0 |
| Expenditure Totals | 3,058.8 | 3,669.8 | 3,835.8 |
| Funding Sources: | | | |
| 1004 General Fund Receipts | 12.0 | 0.0 | 0.0 |
| 1007 Inter-Agency Receipts | 132.0 | 0.0 | 0.0 |
| 1052 Oil/Hazardous Response Fund | 2,914.8 | 3,669.8 | 3,835.8 |
| Funding Totals | 3,058.8 | 3,669.8 | 3,835.8 |

Estimated Revenue Collections

| Description | Master Revenue Account | FY2005 Actuals | FY2006 Management Plan | FY2007 Governor |
|---------------------------------|------------------------------|-------------------|------------------------------|--------------------|
| Unrestricted Revenues | | | | |
| None. | | 0.0 | 0.0 | 0.0 |
| Unrestricted Total | | 0.0 | 0.0 | 0.0 |
| Restricted Revenues | | | | |
| Interagency Receipts | 51015 | 132.0 | 0.0 | 0.0 |
| Restricted Total | | 132.0 | 0.0 | 0.0 |
| Total Estimated Revenues | | 132.0 | 0.0 | 0.0 |

**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> |
|---|----------------------|----------------------|--------------------|--------------------|
| FY2006 Management Plan | 0.0 | 0.0 | 3,669.8 | 3,669.8 |
| Adjustments which will continue current level of service: | | | | |
| -FY 07 Wage Increases for Bargaining Units and Non-Covered Employees | 0.0 | 0.0 | 53.0 | 53.0 |
| -FY 07 Health Insurance Cost Increases for Bargaining Units and Non-Covered Employees | 0.0 | 0.0 | 6.2 | 6.2 |
| -FY 07 Retirement Systems Cost Increase | 0.0 | 0.0 | 100.2 | 100.2 |
| Proposed budget increases: | | | | |
| -Risk Management Self-Insurance Funding Increase | 0.0 | 0.0 | 6.6 | 6.6 |
| FY2007 Governor | 0.0 | 0.0 | 3,835.8 | 3,835.8 |

**Prevention and Emergency Response
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 | 37 | 37 | Annual Salaries | 2,055,880 |
| Part-time | 0 | 0 | COLA | 55,611 |
| Nonpermanent | 0 | 0 | Premium Pay | 0 |
| | | | Annual Benefits | 1,091,730 |
| | | | <i>Less 5.99% Vacancy Factor</i> | (191,921) |
| | | | Lump Sum Premium Pay | 0 |
| Totals | 37 | 37 | Total Personal Services | 3,011,300 |

Position Classification Summary

| Job Class Title | Anchorage | Fairbanks | Juneau | Others | Total |
|-------------------------------|-----------|-----------|----------|----------|-----------|
| Administrative Clerk I | 0 | 1 | 0 | 0 | 1 |
| Administrative Clerk III | 0 | 1 | 1 | 0 | 2 |
| Environ Program Manager I | 0 | 1 | 1 | 1 | 3 |
| Environ Program Manager III | 1 | 0 | 0 | 0 | 1 |
| Environ Program Spec II | 3 | 2 | 0 | 2 | 7 |
| Environ Program Spec III | 5 | 3 | 5 | 4 | 17 |
| Environ Program Spec IV | 3 | 0 | 0 | 0 | 3 |
| Environ Program Technician | 1 | 0 | 1 | 0 | 2 |
| Stock & Parts Svcs Journey II | 1 | 0 | 0 | 0 | 1 |
| Totals | 14 | 8 | 8 | 7 | 37 |