

# **State of Alaska FY2002 Governor's Operating Budget**

Department of Environmental Conservation  
Water Quality  
Component

## **Component: Water Quality**

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### **Component Mission**

Identify, abate, and control water pollution in a cost effective, accountable manner to protect public health and preserve the many uses of Alaska's waters.

### **Component Services Provided**

- Assess, protect, and restore water quality in waters of the state.
- Develop or amend water quality standards and criteria for the best management of Alaska waterbodies.
- Implement statewide water quality protection and control programs for non-point source pollution.
- Implement recommendations of the permit stakeholder work group in issuing water quality permits and ensure compliance with those permits.

### **Component Goals and Strategies**

- 1) **DEVELOP, AMEND, AND MAINTAIN WATER QUALITY STANDARDS TO PROTECT AND MANAGE FOR THE BEST USES OF ALASKA'S WATER RESOURCES.**
  - Assist the public, legislature, industry, and state agencies in understanding the state's water quality standards.
  - Convene an advisory group to examine potential regulation changes regarding if and when wastewater discharges can be compatible with stream sections that support salmon spawning.
- 2) **ASSESS AND MONITOR SELECTED WATERS TO SUPPORT DECISIONS WHERE PREVENTION OR RESTORATION IS NEEDED TO PRESERVE OR ENHANCE THE HEALTH AND USES OF WATER BODIES.**
  - Identify, collect, and provide access to water data sources and information that enhance the assessment, mapping and reporting of environmental status to meet a variety of federal, state and local requirements and communicate the health of Alaska's air and water quality.
  - Consolidate water quality monitoring data, develop and maintain a database.
  - Validate data through quality assurance reviews.
  - Oversee water quality monitoring or restoration projects performed by others to assure project success.
  - Continue to develop a long term operation, maintenance, and funding strategy for the Cook Inlet Information & Monitoring System and expansion to a statewide application.
  - Begin development of a long term monitoring strategy.
  - Assess all available information about the health of Alaska's waterbodies to support a need for the Alaska Clean Water Action Plan to identify waters that are becoming degraded and waters that are polluted.
- 3) **ESTABLISH COMMON PRIORITIES AND COORDINATE THE EFFORTS OF ALL GOVERNMENT, COMMUNITY AND NON-GOVERNMENT STAKEHOLDERS INVOLVED IN PREVENTION OR RESTORATION PROJECTS TO ENHANCE AQUATIC HABITAT AND ECONOMIC USES OF ALASKA WATERS.**
  - Reduce pollutants to waters and other sources through implementation of non-point source pollution strategies and participation in coastal activities.
  - Implement the major redesign of oversight and permitting of wastewater discharges where risk based analyses drive the level of oversight work.
  - Assist local watershed activities and promote watershed protection by providing planning, leadership, public outreach, and education.
  - Administer the grant funds for non-point source pollution control.
  - Implement the recommendations of an advisory workgroup through the State Board of Forestry to deal with science and technical issues relating to log transfer facilities.
  - Continue working with cruiseship wastewater working group to gather facts and resolve issues relating to wastewater discharges.

## **Key Component Issues for FY2001 – 2002**

A working group of stakeholders has developed and recommended options to rebuild a comprehensive and efficient state water discharge permit program. These options involve resolution of a variety of issues concerning risk based permitting mechanisms, field and enforcement strategies, permit fees and related questions. The division will begin implementing those recommendations in FY2001 with full implementation expected in FY2002.

The State receives federal funds from numerous sources for water quality protection or recovery. Various federal agencies and local governments are also working in Alaska to preserve and enhance water quality. It is essential to develop a unified approach to prioritizing and collaborating on water quality projects. The department has taken the lead in developing the Alaska Clean Water Action Plan, which will provide a process to identify and prioritize the highest needs in the state for protecting water quality. The plan will set common principles for decision making at the state level. Federal agencies, local government and other entities are expected to use this roadmap for prioritizing needs and projects.

## **Major Component Accomplishments for FY2000**

Developed draft updates to water quality regulations to consolidate critical water quality standards information into a single source. This consolidation will eliminate confusing cross-references of complex water quality standards tables. It will put all necessary information in an easy-to-read tabular format. Members of the public and agency employees have been requesting a simplified water quality standard.

Convened a stakeholders' work group to develop and recommend options to rebuild a comprehensive and efficient state water discharge permit program and set up a plan to implement these options in FY2001 and FY2002.

Sponsored an EPA Water Quality Standards Academy basic training course for department staff and statewide stakeholders. This training provided an opportunity for staff and stakeholders to become educated about the Alaska Clean Water Act and EPA's water quality standards program.

Convened a work group consisting of industry, government agencies and public members to gather information and resolve issues relating to cruise ship wastewater discharges. Workgroup accomplishments to date include a first of its kind wastewater discharge monitoring program during the summer of 2000. The program achieved national attention and is paving the way to a better understanding of the environmental and public health impacts of wastewater discharges from cruise ships traveling in Alaska. The work group recommended additional monitoring, identification of sensitive area "no discharge zones" in cruise ship transportation corridors, and further scientific analysis of sampling results. The workgroup will continue to gather facts and investigate the issues associated with wastewater discharges.

Prepared the annual statewide water quality assessment and provided electronic update to the federal assessment database.

## **Statutory and Regulatory Authority**

AS 46.03; AS 46.04; AS 44.19; AS 46.40; AS 44.62; 8 AAC 80; 18 AAC 15; 18 AAC 70; 18 AAC 72; 6 AAC 50; 11 AAC 95; 5 AAC 93; Federal Coastal Zone Management Act Reauthorization of 1990; Federal Clean Water Act

**Water Quality**  
**Component Financial Summary**

All dollars in thousands

	FY2000 Actuals	FY2001 Authorized	FY2002 Governor
<b>Non-Formula Program:</b>			
<b>Component Expenditures:</b>			
71000 Personal Services	2,396.7	2,968.6	2,856.1
72000 Travel	160.5	472.6	463.1
73000 Contractual	476.0	1,335.8	1,228.1
74000 Supplies	81.8	82.5	82.5
75000 Equipment	121.3	56.5	56.5
76000 Land/Buildings	0.0	0.0	0.0
77000 Grants, Claims	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
<b>Expenditure Totals</b>	<b>3,236.3</b>	<b>4,916.0</b>	<b>4,686.3</b>
<b>Funding Sources:</b>			
1002 Federal Receipts	1,549.1	2,188.4	2,182.9
1003 General Fund Match	384.0	385.6	390.7
1004 General Fund Receipts	969.6	1,272.5	1,447.3
1005 General Fund/Program Receipts	46.7	179.3	420.4
1007 Inter-Agency Receipts	248.1	337.0	245.0
1053 Investment Loss Trust Fund	0.0	15.5	0.0
1108 Statutory Designated Program Receipts	38.8	537.7	0.0
<b>Funding Totals</b>	<b>3,236.3</b>	<b>4,916.0</b>	<b>4,686.3</b>

**Estimated Revenue Collections**

Description	Master Revenue Account	FY2000 Actuals	FY2001 Authorized	FY2001 Cash Estimate	FY2002 Governor	FY2003 Forecast
<b>Unrestricted Revenues</b>						
None.		0.0	0.0	0.0	0.0	0.0
<b>Unrestricted Total</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Restricted Revenues</b>						
Federal Receipts	51010	1,549.1	2,188.4	2,188.4	2,182.9	2,182.9
Interagency Receipts	51015	248.1	337.0	337.0	245.0	245.0
General Fund Program Receipts	51060	46.7	179.3	179.3	420.4	420.4
Statutory Designated Program Receipts	51063	38.8	537.7	537.7	0.0	0.0
<b>Restricted Total</b>		<b>1,882.7</b>	<b>3,242.4</b>	<b>3,242.4</b>	<b>2,848.3</b>	<b>2,848.3</b>
<b>Total Estimated Revenues</b>		<b>1,882.7</b>	<b>3,242.4</b>	<b>3,242.4</b>	<b>2,848.3</b>	<b>2,848.3</b>

## Water Quality

### Proposed Changes in Levels of Service for FY2002

No significant changes in the levels of service are anticipated.

### Summary of Component Budget Changes From FY2001 Authorized to FY2002 Governor

*All dollars in thousands*

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
<b>FY2001 Authorized</b>	<b>1,852.9</b>	<b>2,188.4</b>	<b>874.7</b>	<b>4,916.0</b>
<b>Adjustments which will continue current level of service:</b>				
-Transfer Alaska Coastal Management Plan to Statewide Public Services	0.0	0.0	-91.5	-91.5
-Convert Special FY2001 Labor Cost Fund Sources to GF	1.3	0.0	-1.3	0.0
-Fund Source Change for HB361 Second Year Implementation	395.7	0.0	-395.7	0.0
-Year 2 Labor Costs - Net Change from FY2001	8.5	-5.5	-0.5	2.5
<b>Proposed budget decreases:</b>				
-HB361 Implementation - Second Year Reduction	0.0	0.0	-140.7	-140.7
<b>FY2002 Governor</b>	<b>2,258.4</b>	<b>2,182.9</b>	<b>245.0</b>	<b>4,686.3</b>

## Water Quality

### Personal Services Information

Authorized Positions			Personal Services Costs	
	FY2001 Authorized	FY2002 Governor		
Full-time	43	47	Annual Salaries	2,272,351
Part-time	3	2	COLA	31,258
Nonpermanent	0	0	Premium Pay	0
			Annual Benefits	734,506
			<i>Less 5.99% Vacancy Factor</i>	(182,015)
			Lump Sum Premium Pay	0
<b>Totals</b>	<b>46</b>	<b>49</b>	<b>Total Personal Services</b>	<b>2,856,100</b>

### Position Classification Summary

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Administrative Assistant	0	0	1	0	1
Administrative Clerk I	0	0	1	0	1
Administrative Clerk II	1	1	1	0	3
Administrative Clerk III	0	0	1	0	1
Administrative Manager II	1	0	0	0	1
Analyst/Programmer III	1	0	0	0	1
Analyst/Programmer IV	0	0	1	0	1
Env Eng Associate	1	0	1	0	2
Environ Conserv Mgr I	1	1	0	0	2
Environ Conserv Mgr II	0	0	2	0	2
Environ Conserv Mgr III	0	1	1	0	2
Environ Eng Asst I	0	1	0	0	1
Environ Engineer II	0	0	1	0	1
Environmental Spec I	0	1	0	0	1
Environmental Spec II	1	1	2	0	4
Environmental Spec III	2	1	7	2	12
Environmental Spec IV	3	3	3	0	9
Environmental Tech I	1	0	0	0	1
Grants Administrator II	0	0	1	0	1
Regulations Spec II	1	0	0	0	1
Research Analyst II	1	0	0	0	1
<b>Totals</b>	<b>14</b>	<b>10</b>	<b>23</b>	<b>2</b>	<b>49</b>