

**State of Alaska
FY2004 Governor's Operating Budget**

**Department of Environmental Conservation
Drinking Water
Component Budget Summary**

Component: Drinking Water

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Component Mission

Verify safe drinking water and domestic wastewater treatment and disposal.

Component Services Provided

- Ensure compliance with routine monitoring requirements for federally-established contaminant levels and develop alternative contaminant monitoring requirements through the use of monitoring waivers for public water systems.
- Review construction, installation, and operation plans for both public water and domestic wastewater systems.
- Assist public water system owners and operators in identifying the sources of their drinking water and in developing strategies to protect those sources from contamination.
- Provide technical assistance, compliance assistance, and education to the general public and to owners and operators of public water systems and domestic wastewater systems on regulatory and public health-related issues.

Component Goals and Strategies

1) INSPECT AND MONITOR PUBLIC DRINKING WATER SYSTEMS TO VERIFY THEY PROVIDE DRINKING WATER THAT MEETS ESTABLISHED HEALTH STANDARDS.

- Work with owners and operators to ensure that their systems have the financial, managerial, and technical capacity to operate in an effective and efficient manner.
- Provide technical and compliance assistance to owners and operators on the requirements of the Safe Drinking Water Act through hands-on assistance, workshops, brochures, newsletters, fact sheets, and the Internet.
- Complete public water system source water assessments to assist public water system owners in protecting the source of their drinking water.
- Provide data from the statewide drinking water database to owners and operators of systems, and their consultants, for their annual Consumer Confidence Reports.
- Develop and implement an enhanced Sanitary Survey Program for training third-party inspectors and sanitary survey instructors as well as develop a comprehensive water treatment performance review program with the University of Alaska Southeast's Technical Assistance Center.

2) IN COLLABORATION WITH THE ENGINEERING COMMUNITY, ESTABLISH AND IMPLEMENT APPROPRIATE DESIGN STANDARDS FOR DOMESTIC WASTEWATER SYSTEMS THAT CAN SUCCESSFULLY TREAT SEWAGE OVER TIME WITH PROPER ROUTINE MAINTENANCE.

- Implement the Certified Installer Program for on-site wastewater systems.
- Develop and implement a statewide operation and maintenance technical guidance program through the use of workshops and interactive computer software for small on-site domestic wastewater systems and treatment technologies.
- Identify ways to improve our review of system engineered plans through annual workshops, fact sheets, and newsletter.
- Coordinate with EPA to obtain approval of the federally mandated Class V Underground Injection Control Program for shallow injection wells used as both industrial and domestic wastewater systems.

Key Component Issues for FY2003 – 2004

Meeting the requirements of the Safe Drinking Water Act Amendments of 1996 will continue to be a challenge for the Drinking Water and Wastewater Program in FY2004. The program and public water systems owners and operators continue to struggle to meet an *overwhelming* number of federal deadlines for new program initiatives and rule adoption. Meeting these federal deadlines is a requirement for state primacy and receiving the Public Water System Supervision

grant and the Drinking Water State Revolving Loan Fund (DW SRF). The new federal rules have created a significant workload for the program and an ever increasing backlog. Additional program resources are needed to work with public water systems owners to implement the new federal rules and maintain safe drinking water for Alaskans.

In addition, we are continuing our work to fine tune the design requirements for domestic wastewater systems so they will be reflective of the vast geographical differences in Alaska, while at the same time meet the requirements of EPA's Class V Underground Injection Control (UIC) Program for shallow injection wells and protection of the state's ground water resource.

Major Component Accomplishments in 2002

Developed and obtained rule implementation extension agreements for two years with U.S. EPA Region 10 for adoption of the Lead and Copper Rule Minor Revisions, Public Notification Rule, and Radionuclide Rule.

Completed presentations and workshops on drinking water, domestic wastewater, and source water protection of public water systems at the National Rural Water Association annual fall conference, Alaska Forum for the Environment, and the Alaska Water Wastewater Management Association annual conference and section meetings.

Coordinated the implementation and jointly taught workshops for the new federal rules: "Interim Enhanced Surface Water Treatment Rule and Disinfectants/Disinfection By-Products Rule" in September 2001 and for the new "Arsenic Rule and new Source Monitoring Requirements" in June 2002.

Began use of an enhanced sanitary survey form, in both electronic and hard copy format, to assist in the implementation of the State's Capacity Development Strategy for the review of technical, managerial, and financial capacity of public water systems, as well as new Operator Certification requirements for public water systems.

Completed 273 public water system source water assessments (88 completed by Drinking Water and Wastewater Program staff and 185 completed by third party contractors).

Completed the distribution of four (4) issues of the Drinking Water and Wastewater Program's newsletter - Northern Flows, which has proven to be a remarkably successful tool in helping drinking water system operators comply with state and federal requirements.

Completed a draft memorandum of agreement with the Alaska Oil and Gas Conservation Commission (AOGCC) on ground water protection efforts and responsibilities for the agencies in preparation for the U.S. EPA audit of the AOGCC program and future ADEC Drinking Water and Wastewater Program Class V UIC primacy initiatives and activities.

Statutory and Regulatory Authority

AS 44.46.020, AS 44.46.025, AS 46.03.020, AS 46.03.024, AS 46.03.050, AS 46.03.070, AS 46.03.080, AS 46.03.090, AS 46.03.100, AS 46.03.710, AS 46.03.720, AS 46.03.761, AS 46.03.900, 18 AAC 15, 18 AAC 72, 18 AAC 80

Drinking Water
Component Financial Summary

All dollars in thousands

	FY2002 Actuals	FY2003 Authorized	FY2004 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	2,654.5	3,083.4	3,203.5
72000 Travel	103.5	163.6	178.4
73000 Contractual	632.0	785.1	895.2
74000 Supplies	30.1	61.0	62.1
75000 Equipment	12.5	62.3	69.8
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
Expenditure Totals	3,432.6	4,155.4	4,409.0
Funding Sources:			
1002 Federal Receipts	2,116.9	2,605.7	2,801.7
1003 General Fund Match	449.1	514.9	572.5
1004 General Fund Receipts	513.9	514.0	514.0
1005 General Fund/Program Receipts	352.7	520.8	520.8
Funding Totals	3,432.6	4,155.4	4,409.0

Drinking Water

Proposed Changes in Levels of Service for FY2004

The state has primacy from the federal government to implement the federal Safe Drinking Water Act (SDWA). In order to maintain primacy, the state must implement new federal requirements as they are adopted by the Environmental Protection Agency (EPA). These rules include compliance with microbiological testing rules, completing sanitary surveys, and making "ground water under the direct influence of surface water" determinations.

The EPA has increased the federal grant Alaska receives to implement the federal SDWA. The grant requires a 25% state match. Additional federal funding and the required match is being requested to work with owners and operators of water systems to be compliant with the requirements of the Safe Drinking Water Act.

Summary of Component Budget Changes

From FY2003 Authorized to FY2004 Governor

All dollars in thousands

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
FY2003 Authorized	1,549.7	2,605.7	0.0	4,155.4
Adjustments which will continue current level of service:				
-Annualize FY2003 COLA Increase for General Government, Confidential and Supervisory Bargaining Units	0.0	23.3	0.0	23.3
Proposed budget increases:				
-Public Water System Support for New Federal Regulations	57.6	172.7	0.0	230.3
FY2004 Governor	1,607.3	2,801.7	0.0	4,409.0

Drinking Water

Personal Services Information

	Authorized Positions		Personal Services Costs	
	<u>FY2003</u> <u>Authorized</u>	<u>FY2004</u> <u>Governor</u>		
Full-time	51	53	Annual Salaries	2,508,437
Part-time	0	0	Premium Pay	0
Nonpermanent	0	0	Annual Benefits	848,540
			<i>Less 4.57% Vacancy Factor</i>	<i>(153,477)</i>
			Lump Sum Premium Pay	0
Totals	51	53	Total Personal Services	3,203,500

Position Classification Summary

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Administrative Clerk II	1	1	0	1	3
Administrative Clerk III	1	0	1	0	2
Analyst/Programmer II	1	0	0	0	1
Analyst/Programmer IV	1	0	0	0	1
Env Eng Associate	0	1	0	1	2
Environ Conserv Mgr III	1	0	0	0	1
Environ Engineer I	1	1	1	2	5
Environ Engineer II	1	0	0	1	2
Environmental Spec I	3	0	0	2	5
Environmental Spec II	3	1	1	1	6
Environmental Spec III	2	1	1	2	6
Environmental Spec IV	2	1	1	0	4
Environmental Tech I	1	0	1	0	2
Environmental Tech II	2	1	0	4	7
Hydrologist I	2	0	0	0	2
Hydrologist II	1	0	0	0	1
Prog Coordinator	1	0	0	0	1
Project Coord	1	0	0	0	1
Regulations Spec II	1	0	0	0	1
Totals	26	7	6	14	53