



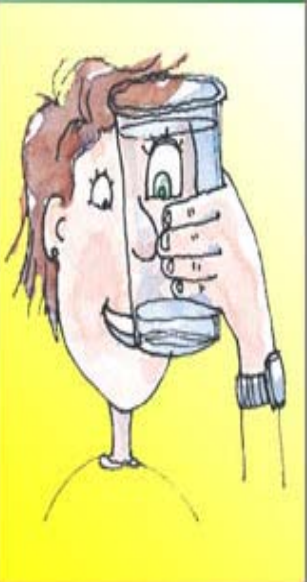
Resource Guide

**For Drinking Water
and Wastewater
Systems in Alaska**



Resource Guide


For Drinking Water
and Wastewater
Systems in Alaska





**Alaska Training/Technical Assistance Center
University of Alaska SE – Sitka Campus
1332 Seward Ave.
Sitka AK 99835
<http://www.uas.alaska.edu/attac>
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Many resources are available to assist communities in the planning, construction and operation of water and wastewater facilities and most rural Alaskan communities are eligible for some form of financial and/or technical assistance. This guide is designed to help community leaders identify useful resources and contact the appropriate agency representatives.

Listed in this resource guide are state and federal financial and technical assistance programs currently available to rural communities in Alaska.

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State of Alaska

Grants and Loans

Alaska Municipal Bond Bank Authority

Department	Alaska Department of Revenue
What's Funded	<p>The Bond Bank was established to assist Alaska municipalities that have difficulty financing capital improvement projects such as schools, water and sewer systems, public buildings, harbors and docks. The Bond Bank is a public corporation, created through the passage of the Alaska Municipal Bond Bank Act (AS 44.85).</p> <p>Resource provided: Direct loans, no set limits, interest rates depend on the national market for tax exempt bond issues.</p>
Who's Eligible	Any organized local government in need of capital project financing should contact the Bond Bank.
Program Contact	<p>Deven Mitchell, Executive Director AMBBA P.O. Box 110405 Juneau, AK 99801 Telephone: (907) 465-2388 E-mail: AMBBA@revenue.state.ak.us http://www.revenue.state.ak.us/treasury/ambba/</p>

Community Development Block Grants

Department	Alaska Department of Community and Economic Development
What's Funded	<p>The goals of the Alaska CDBG Program are to provide financial resources to Alaskan communities for public facilities and planning activities which address issues detrimental to the health and safety of local residents and to reduce the costs of essential community services. The program may also fund Special Economic Development activities which result in the creation of jobs for low and moderate income persons.</p> <p>CDBG competitive grants are single-purpose project grants; maximum of \$500,000 per community. There are three basic funding categories: community development, planning and Special Economic Development.</p>
Who's Eligible	<p>Any Alaskan municipal government (except Anchorage and Fairbanks) is eligible to apply for the grants. Non-profits may apply as co-applicants for these pass-through funds. In a typical year, applications are distributed to municipalities in late fall, and awards are made the following spring. Federal regulations require that at least 51 per cent of the persons who benefit from a funded project must be low and moderate income persons as defined by HUD.</p>
Program Contact	<p>Jo E. Grove, Block Grants Program Manager Division of Community Advocacy 211 Cushman Street Fairbanks, AK 99701-4639 Telephone: (907) 451-2716 Fax Number: 451-2742 E-mail: Jo_Grove@dced.state.ak.us http://www.dced.state.ak.us/dca/grt/blockgrants.htm</p>

Municipal Loan Program

Department	Alaska Department of Environmental Conservation Division of Water
What's Funded	<p>The <i>Alaska Clean Water Fund</i> and the <i>Alaska Drinking Water Fund</i> provide loans and engineering support for drinking water, wastewater (sewer), solid waste and non-point source pollution projects, such as waterbody restoration and recovery.</p> <p>The primary services are providing low-interest loans up to 20 years in duration for projects or eligible portions of projects; providing refinancing of eligible projects; assigning a project engineer to assist with plans, designs, construction and regulations; assuring timely reimbursement for construction expenditures; and ensuring appropriate and effective use of loan funds</p>
Who's Eligible	These loan programs are designed for cities, boroughs and qualified private utilities.
Program Contact	Mike Lewis ADEC Division of Water 555 Cordova Street Anchorage, AK 99501-2617 Telephone: (907) 269-7616 Fax Number: (907) 269-7509 E-mail: Mike.Lewis@dec.state.ak.us http://www.state.ak.us/dec/water/muniloan/index.htm

Municipal Water, Sewerage, and Solid Waste Grant Program

Department	Alaska Department of Environmental Conservation Division of Water
What's Funded	<p>The Alaska Municipal Water, Sewerage, and Solid Waste Matching Grant program provides partial funding and engineering support for drinking water, wastewater (sewer), solid waste and non-point source pollution projects, such as waterbody restoration and recovery.</p> <p>The primary services are providing grants for facility planning and construction and assigning a project engineer to assist with plans, designs, construction and regulations.</p>
Who's Eligible	These state grants primarily assist the larger communities and boroughs in the State.
Program Contact	Mike Lewis ADEC Division of Water 555 Cordova Street Anchorage, AK 99501-2617 Telephone: (907) 269-7616 Fax Number: (907) 269-7509 E-mail: Mike_Lewis@dec.state.ak.us http://www.state.ak.us/dec/water/munigrant/index.htm

Village Safe Water Program

Department	Alaska Department of Environmental Conservation Division of Water
What's Funded	<p>The Village Safe Water Program provides grants and engineering assistance to small communities for water and sewer projects.</p> <p>The primary services are to provide grants to small communities for water and sewer studies and projects; assign an engineer to a community to assist with planning facility design options, address regulatory issues, and help manage construction projects; and ensure appropriate and effective use of grant funds.</p>
Who's Eligible	To be eligible for funding under the Village Safe Water Program, the applicant must be an unincorporated community that has between 25 and 600 people, a second class city, or a first class city with not more than 600 residents.
Program Contact	Bill Griffith , Facility Programs Manager ADEC, Division of Water 555 Cordova Street Anchorage, AK 99501-2617 Telephone: (907) 269-7601 Fax Number: (907) 269-7509 E-mail: Bill_Griffith@dec.state.ak.us http://www.state.ak.us/dec/water/vsw/index.htm



US Department of Agriculture

Grants and Loans

Emergency Community Water Assistance Grants

Department Rural Development

What's Funded Assists the residents of rural areas that have experienced a significant decline in quantity or quality of water, or in which such a decline is considered imminent, to obtain or maintain adequate quantities of water that meets the standards set by the Safe Drinking Water Act.

Funds may be used to 1) Extend, repair, or perform significant maintenance on existing water systems; construct new water lines, wells or other sources of water, reservoirs, and treatment plants; replace equipment; and pay costs associated with connection or tap fees. 2) pay related expenses such as legal and engineering fees and environmental impact analyses, or acquire rights associated with developing sources of, treating, storing, or distributing water. 3) Achieve compliance with the requirements of the Federal Water Pollution Control Act or with the Safe Drinking Water Act when noncompliance is directly related to a recent decline in quality of potable water.

Who's Eligible Grants can be made in rural areas and cities or towns with populations not in excess of 10,000 and a median household income that does not exceed Alaska's non-metropolitan median household income.

Program Contact Debby Retherford
Alaska Rural Development
800 W. Evergreen, Suite 201
Palmer, AK 99645
Telephone: (907) 761-7726
Fax Number: (907) 761-7793
E-mail: deborah.retherford@ak.usda.gov
<http://www.usda.gov/rus/water>

Rural Alaskan Village Water and Waste Disposal Grants

Department Rural Development

What's Funded Assists rural Alaskan villages to remedy dire sanitation conditions using funds made available specifically for this purpose.

Grant funds may be used to construct, enlarge, extend or otherwise improve rural water, sanitary sewage, solid waste disposal, and storm wastewater disposal facilities; and, to construct, relocate or make other public improvements necessary for the successful operation or protection of such facilities.

This funding requires a 25% match with funds from the State of Alaska Village Safe Water Program or local non-federal sources.

Who's Eligible A community must meet the definition of a village which is "an unincorporated community that has between 25 and 600 people residing within a two-mile radius, a second class city, or a first class city with not more than 600 residents."

Program Contact Dean Stewart
Alaska Rural Development
800 W. Evergreen, Suite 201
Palmer, AK 99645
Telephone: (907) 761-7722
Fax Number: (907) 761-7793
E-mail: dean.stewart@ak.usda.gov
<http://www.usda.gov/rus/water>

Water and Waste Disposal Grants and Loans

Department	Rural Development
What's Funded	<p>The Rural Utilities Service (RUS) provides loans, guaranteed loans, and grants for water, sewer, storm water, and solid waste disposal facilities.</p> <p>Loan and grant funds may be used to construct, repair, modify, expand, or otherwise improve water supply and distribution systems and waste collection and treatment systems, including storm drainage and solid waste disposal facilities (certain other costs related to development of the facility may also be covered); acquire needed land, water sources, and water rights; and pay costs such as legal and engineering fees when necessary to develop the facilities.</p>
Who's Eligible	<p>Cities and towns up to 10,000 people and rural areas with no population limits. Recipients must be public entities. These can include municipalities, counties, special purpose districts, Indian tribes, and corporations not operated for profit, including cooperatives. A new entity may be formed to provide the needed service if an appropriate one does not already exist.</p>
Program Contact	<p>Debby Retherford Alaska Rural Development 800 W. Evergreen, Suite 201 Palmer, Alaska 99645 Telephone: (907) 761-7726 Fax Number: (907) 761-7793 E-mail: deborah.retherford@ak.usda.gov http://www.usda.gov/rus/water/program.htm</p>




US Department of Commerce

Grants

Grants for Public Works and Economic Development Facilities

Department	Economic Development Administration
What's Funded	<p>Promotes long-term economic development in areas experiencing substantial economic distress. EDA provides Public Works investments to support the construction of rehabilitation of essential public infrastructure and development facilities necessary to generate higher-skill, higher-wage jobs and private investment.</p> <p>Investments in facilities such as water and sewer system improvements, industrial access roads, industrial and business parks, port facilities, railroad sidings, distance learning facilities, skill-training facilities, business incubator facilities, redevelopment of brownfields, eco-industrial facilities, and telecommunications infrastructure improvements needed for business retention and expansion. Eligible activities include the acquisition, rehabilitation, design and engineering, or improvement of public land or publicly-owned and operated development facilities, including machinery and equipment.</p>
Who's Eligible	States, cities, counties, an institution of higher education or a consortium of institutions of higher education, and other political subdivisions, Indian tribes, the Federated States of Micronesia, the Republic of the Marshall Islands, Commonwealths and territories of the U.S. flag, Economic Development Districts, and private or public nonprofit organizations or associations acting in cooperation with officials of a Political Subdivision of a State or Indian Tribe.
Program Contact	<p>Berney Richert Economic Development Administration U.S. Department of Commerce 510 L Street, Suite 444 Anchorage, AK 99501 Telephone: (907) 271-2272 Fax Number: (907) 271-2274 E-mail: brichert@eda.doc.gov http://eda.gov</p>



US Department of Health and Human Services

Grants

IHS Sanitation Facilities Construction Program

Department	Indian Health Service
What's Funded	Projects funded include construction of drinking water, sewer and solid waste disposal facilities; individual home sanitation facilities construction and renovation.
Who's Eligible	The applicants must be an Alaskan Native or Indian descent as determined by IHS eligibility criteria; the village or Tribal group (sponsor) representing the applicant must request assistance on behalf of the individual in writing, typically by submittal of a standard IHS project proposal form; projects in remote locations generally consist of a minimum of five homes; houses must be new or "like new" (having an approximate 20 year life span); homes must have electricity and have thermostatic controlled heat; location of homes is a factor but individual scattered sites may be eligible.
Program Contact	Alaska Area Native Health Service Norman Fairbanks, Director Division of Sanitation Facilities 4141 Ambassador Dr. Suite 300 Anchorage, AK 99508 Telephone: (907) 729-3540 Fax Number: (907) 729-4297 E-mail: nfairban@oehe.alaska.ihs.gov http://www.ihs.gov



US Department of Housing and Urban Development

Grants

Indian Community Development Block Grant Program

Department	Office of Native Programs
What's Funded	Infrastructure construction, e.g., roads, water and sewer facilities; and, single or multipurpose community buildings.
Who's Eligible	Eligible applicants for assistance include any Indian tribe, band, group, or nation (including Alaska Indians, Aleutes, and Eskimos) or Alaska Native village which has established a relationship to the Federal government as defined in the program regulations. In certain instances, tribal organizations may be eligible to apply.
Program Contact	Donna Hartley, Director AKONAP, Grants Management Division 3000 C Street, Suite 401 Anchorage, AK 99503 Telephone: (907) 677- 9800 Fax Number: (907) 677- 9807 E-mail: donna_hartley@hud.gov http://www.codetalk.fed.us/AKONAP.html



US Environmental Protection Agency

Grants

Clean Water Act Indian Set-Aside Grant Program

Department	Clean Water Indian Program
What's Funded	Grants cover most of the costs of planning, designing, and building a wastewater treatment system.
Who's Eligible	<p>Federally recognized Indian tribes with control over reservation lands; Alaska Native villages; and tribes on former reservations in Oklahoma.</p> <p>To be considered for EPA funding, tribes must first have their wastewater treatment needs included in the IHS SDS. Contact your IHS area office at least 1 year ahead of the year the SDS list is due out. EPA will notify the tribe—usually between February and May of the fiscal year--if its project has been selected for funding.</p>
Program Contact	<p>Dennis Wagner USEPA Region 10 - Alaska Operations Office Federal Building Room 537 222 West 7th Avenue #19 Anchorage, AK 99513-7588 Telephone: (907) 271-3651 E-mail: wagner.dennisx@epa.gov http://www.epa.gov/owmitnet/mab/indian/cwisa.htm</p>

Drinking Water Infrastructure Grants Tribal Set-Aside Program

Department	Ground Water and Drinking Water
What's Funded	Provides grant funds to improve the infrastructure of drinking water systems that serve Indian Tribes. It is a component of the Drinking Water State Revolving Fund.
Who's Eligible	<p>Any federally recognized Indian Tribe is eligible to receive a grant. The State of Alaska is also eligible to receive funds for projects for Alaska Tribes. Tribes may also request that project funds be directed to the Indian Health Service, if the Tribe would like the IHS to administer the project and IHS agrees to do so.</p> <p>Some examples are projects to: rehabilitate or develop sources of drinking water; install or upgrade treatment facilities; install or upgrade storage facilities; install or replace transmission or distribution pipes; and replace aging water system infrastructure. Funds can also be used to conduct project feasibility studies, engineering design work, and project administration.</p>
Program Contact	<p>Dennis Wagner USEPA Region 10 - Alaska Operations Office Federal Building Room 537 222 West 7th Avenue #19 Anchorage, AK 99513-7588 Telephone: (907) 271-3651 E-mail: wagner.dennisx@epa.gov http://www.epa.gov/safewater/tribes.html</p>



Training & Technical Assistance

Training & Technical Assistance Providers

- ADEC Division of Water, Remote Maintenance Worker Program
<http://www.state.ak.us/dec/water/rmw/index.htm>
- Alaska Rural Water Association
<http://arwa.org>
- Alaska Training/Technical Assistance Center (ATTAC)
<http://www.uas.alaska.edu/attac>
- Alaska Village Initiatives
<http://www.akvillage.com/index.html>
- Alaska Water Wastewater Management Association
<http://www.awwma.org>
- Rural Alaska Sanitation Coalition (RASC)
<http://www.anhb.org/sub/rasc/>
- State of Alaska Rural Utility Business Advisor (RUBA) Program
<http://www.dced.state.ak.us/dca/ruba/ruba.htm>



Resources

Drinking Water and Wastewater Resources

- ADEC Division of Water
<http://www.state.ak.us/dec/water/index.htm>
- Alaska Division of Community Advocacy
<http://www.dced.state.ak.us/dca/edrg/EDRG.htm>
- Alaska Training/Technical Assistance Center (ATTAC)
<http://www.uas.alaska.edu/attac>
- Alaska Water Wastewater Management Association
<http://www.awwma.org>
- EPA – Small Communities
<http://www.epa.gov/owm/mab/smcomm/>
- EPA – Technical Assistance Center Network
<http://tacnet.info>
- Local Government Environmental Assistance Network
<http://www.lgean.org/index.cfm>
- Rural Community Assistance Corporation
<http://www.rcac.org/>
- National Environmental Training Center for Small Communities
<http://www.nesc.wvu.edu/netcsc/>
- Small System Compliance Chart
<http://nesc.wvu.edu/netcsc/Rules/chart.pdf>
- The Catalog of Federal Domestic Assistance
<http://12.46.245.173/cfda/cfda.html>
- The Updated Plain English Guide to Alaska Drinking Water and Wastewater Regulations
<http://www.dced.state.ak.us/dca/ruba/pub/RevisedPEGuide.pdf>
- Water/Wastewater Links Page for Operators
<http://members.aol.com/ronwater1/>
- Web Elements Periodic Tables
<http://www.webelements.com/>

Drinking Water Resources

- ADEC Division of Environmental Health, Drinking Water Program
<http://www.state.ak.us/dec/eh/dw/index.htm>
- Alaska Department of Natural Resources
<http://www.dnr.state.ak.us/mlw/water/>
- American Water Works Association
<http://www.awwa.org>
- Environmental Finance Center – Boise State
<http://sspa.boisestate.edu/efc/>
- EPA – Alaska Drinking Water
<http://www.epa.gov/safewater/dwinfo/ak.htm>
- EPA – Drinking Water & Ground Water
<http://www.epa.gov/safewater/>
- EPA Drinking Water Standards - Quick Reference Guides
<http://www.epa.gov/safewater/publicoutreach/quickreferenceguides.html>
- EPA – Safe Drinking Water Act
<http://www.epa.gov/safewater/sdwa/index.html>
- EPA – Small Systems Information and Guidance
<http://www.epa.gov/safewater/smallsys/ssinfo.htm>
- National Drinking Water Clearinghouse
http://www.nesc.wvu.edu/ndwc/ndwc_index.htm
- National Rural Water Association
<http://www.nrwa.org>
- Safe Drinking Water Trust eBulletin
<http://bulletin.crg.org/>
- The Groundwater Foundation
<http://www.groundwater.org/>
- U.S. Geological Survey
<http://alaska.usgs.gov/water.html>
- Utility Services of Alaska, Inc.
<http://www.akwater.com/wi.htm>

Wastewater Resources

- EPA – Wastewater Management
<http://www.epa.gov/OWM/>
- Wastewater Calculators
<http://www.scitrav.com/wwater/#calculators>
- Water Environment Federation
<http://wef.org>

