

**ALASKA DRINKING WATER FUND  
Funding Priority List - Amended  
Fiscal Year 2016**

Rank	Score	Community Or System	Public Water System ID# (Population)	Project Title	Project Description	Assistance Amount <sup>2</sup>	Finance Rate	Term (Yrs)	Subsidy <sup>3</sup>	Green Project Amount <sup>4</sup>	Green Project Type <sup>5,6</sup>	Estimated Construction Start	Sustainability Policy <sup>7</sup>
1	211	Cordova ♦	AK2293205 (2,239)	LT2 Compliance Upgrades ■	To meet LT2 compliance requirements, this project will install a UV light system, upgrade the filter system at the Eyak Lake Water Plant, and include other associated appurtenances. (Funding Increase)	\$3,000,000	1.50%	20	\$1,500,000	\$458,500	ENG-BC	9/16/2015	Fix it First
2	205	Homer ♦	AK2240456 (5,003)	Water Distribution/Storage Improvements (Phase I) ■ <sup>1</sup>	Phase I consists of extending water main to future water storage tank, serve lots not currently served by piped water, and improve dependability of water service to hospital and Spit/harbor operations.	\$817,000	1.50%	20	\$269,000	\$817,000	ENG-BC	9/1/2015	Improve TFM
3	185	Ketchikan ♦	AK2120323 (8,050)	Schoenbar Road Water Main Replacement	Install new HDPE water main from Schoenbar Trail intersection to Valley Forge Rd., and other related appurtenances. There is a high public health risk from deteriorating mains which have broken on multiple occasions.	\$864,829	1.50%	20				9/30/2015	Fix it First
4	185	Ketchikan ♦	AK2120323 (8,050)	Chatham Avenue Water Main Replacement	Install new HDPE water main and other related appurtenances in approximately 540 feet of roadway. There is a high public health risk from deteriorating mains which have reached the end of their useful life.	\$2,666,535	1.50%	20				9/30/2015	Fix it First
5	151	Nome ♦	AK2340010 (3,598)	Nome Sclaircore Replacement-Ph III	Water distribution piping is experiencing a high rate of failure and leakage and needs replacement. Failing pipe will be replaced along Division Street, King Place, Warren Place and Spokane Street with new direct-bury pipe.	\$2,920,300	1.50%	20		\$2,910,300	ENG-BC	6/1/2015	Fix it First
6	131	Anchorage - AWWU	AK2213001 (291,826)	Ship Creek Water Treatment Facility Upgrades ■ <sup>1</sup>	This project encompasses new construction, upgrades to existing system, energy efficiency via waste heat recycling, water efficiency via reduction of steam exhaust, and overall is an innovative environmental project.	\$5,000,000	1.50%	20		\$4,909,373	EIN-BC	12/15/2014	Improve TFM

♦ Disadvantage Community (criteria may be referenced on page 14)

Total Requested Amount: **\$ 15,268,664**

■ Equivalency Project (criteria may be referenced on page 14)

Total Subsidized Amount<sup>3</sup>: **\$ 1,769,000**

● Extra 50 points for construction start by September 15, 2014<sup>8</sup>

Total Equivalency Amount: **\$ 8,817,000**

Total Green Amount: **\$ 9,095,173**

<sup>1</sup> Subsidy funding for the Homer - Water Distribution/Storage Improvements (Phase I) project is limited to available subsidy funds. Additionally, the Anchorage - Ship Creek Water Treatment Facility Upgrades project was by-passed to the Project Priority List to meet equivalency requirements, and the Department will negotiate with Anchorage to provide additional funds as they become available later in the year.

<sup>2</sup> Total available project loan funding and subsidy under this amended IUP is \$11,418,616 and \$1,769,000, respectively. Equivalency = \$8,787,000

<sup>3</sup> Criteria for being eligible for a loan subsidy may be referenced on page 14 under the narrative section of the IUP.

<sup>4</sup> Projects which demonstrate adequate criteria for meeting a Green project component will be eligible to receive an additional 25 points.

<sup>5</sup> Green Project Reserve Category Type: GIF - Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Green Project Justification Type: BC - Business Case / CAT - Categorical.

<sup>6</sup> Prior to funding any project shown to have a funding subsidy for Green, a Business Case for project Green eligibility must be found justified.

<sup>7</sup> Sustainability Policy - "Fix it First" - fix existing critical infrastructure; "Improve TFM" - improve technical, financial and managerial capacity of the system; and, "Planning" - planning and development of alternative projects that reflect the full life cycle cost of infrastructure.

<sup>8</sup> 50 points are only awarded if plans and specifications have been approved for construction by the end of the of questionnaire solicitation period.

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7	146	North Pole ♦	AK2310675 (2,117)	Water System Engineering & Design	Design and engineering for a water system expansion to provide potable water to the properties contaminated with the industrial compound sulfolane.	\$1,177,287	1.50%	20				N/A	Planning
8	146	Sand Point ♦	AK2263013 (946)	Russian Town Water Distribution Upgrades	Upgrade water main size to 6" pipe; create a closed loop to allow water circulation; address major system leaks; replace the Reduced Pressure Zone vault; and other improvements to provide adequate flow and pressure.	\$300,000	1.50%	20		\$110,000	WTR-BC	9/1/2015	Fix it First
9	145	Wrangell ♦	AK2120143 (2,369)	Water Plant Ozone Generators Replacement	Replace Ozone System Equipment to refine water quality and treatment performance goals.	\$322,650	1.50%	20				7/15/2015	Fix it First
10	131	North Pole ♦	AK2310675 (2,117)	Water Plant Emergency System Improvements	Upgrades and energy efficiency include new emergency generators; piping modifications; new backwash and fire pumps; new mag meters; new entry door security; and electrical upgrades including voltage monitors.	\$2,363,600	1.50%	20		\$942,920	ENG-BC	6/1/2016	Fix it First
11	126	Anchorage - AWWU	AK2213001 (291,826)	Wesleyan Dr- Checkmate to Queen Water Rehab ■	Rehabilitate or replace approximately 2100 feet of 6-inch diameter cast iron pipe that has had a significant history of breaks and emergency repairs.	\$3,300,000	1.50%	20				7/2/2015	Fix it First
12	126	Anchorage - AWWU	AK2213001 (291,826)	ARRC Yard Rehab ■ <sup>1</sup>	Replace a 16-inch water main on the south side of the ARRC's yard and north of Whitney Road. This existing line has had previous failures and is within an area of known hydrocarbon contamination.	\$3,500,000	1.50%	20				2/4/2016	Fix it First
13	126	North Pole ♦	AK2310675 (2,117)	Distribution Loop Improvements	Replace aging vales and in-line fire hydrants to enable the Utility to reduce health risks and more efficiently respond to water line breaks resulting in water savings.	\$2,300,000	1.50%	20				6/1/2016	Fix it First
14	121	Haines ♦	AK2110619 (2,508)	Small Tracts Water Main Extension	Extend service to approximately 44 parcels on Small Tracts Road, Small Tracts Spur, and Bear Creek Trail Lane, which are currently not served by the utility.	\$1,725,000	1.50%	20				5/2/2016	Improve TFM
15	121	Anchorage - AWWU	AK2213001 (291,826)	Lake Otis 38th-42nd Water Rehab	Upgrade and replace an existing 12-inch cast iron water main with a history of failures. ■	\$2,700,000	1.50%	20				8/4/2016	Fix it First
16	121	Anchorage - AWWU	AK2213001 (291,826)	Northern Lights Wesleyan to Bragaw	Rehabilitate existing water distribution main within Northern Lights Boulevard between Bragaw Street and Boniface Parkway. The main has a history of breaks and may need upsizing to improve flow in the area. ■	\$5,000,000	1.50%	20				3/3/2016	Fix it First
17	121	Juneau	AK2110643 (31,275)	Douglas Highway Water System Replacement	Replace 8,500 ft. of water main from Juneau Douglas (JD) Bridge to Downtown Douglas at Crow Hill pump station. The water main in this area has experienced numerous corrosion related failures in recent years. ■	\$3,000,000	1.50%	20		\$3,000,000	WTR-BC	3/15/2016	Fix it First
18	116	Golden Heart Utilities ♦	AK2310730 (31,535)	Water Main Extension to WWTP	Expand the water system from Peger and Van Horn Rd. to the Fairbanks Waste Water Treatment Facility. The current area is served by poor water quality wells and requires onsite treatment for acceptable usage.	\$1,500,000	1.50%	20				4/30/2016	Improve TFM
19	116	Sitka	AK2130075 (8,881)	Marine Street Water - Osprey to Erler	Replacement of Marine Street water main and services from Osprey Street to Erler Street. Inspection of the pipe removed as part of the repair of the 2014 breaks revealed several corrosion leaks.	\$972,500	1.50%	20				4/1/2017	Fix it First
20	101	Craig ♦	AK2120193 (1,201)	Replace 5.5 miles of Raw Water Main	Replacement of the raw water transmission line from North Fork Lake to the Craig water treatment to ensure uninterrupted water flow to the water treatment and distribution system.	\$2,900,000	1.50%	20				10/3/2016	Fix it First

♦ Disadvantage Community (criteria may be referenced on page 14)

Total Requested Amount: **\$ 31,061,037**

■ Equivalency Project (criteria may be referenced on page 14)

Total Subsidized Amount<sup>3</sup>: **\$ -**

● Extra 50 points for construction start by September 15, 2014<sup>7</sup>

Total Green Amount: **\$ 4,052,920**

<sup>1</sup> Total available project loan funding and subsidy under this amended IUP is \$11,418,616 and \$1,769,000, respectively.

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21	121	Ketchikan Gateway Borough ◆	AK2120323 (13,477)	South Tongass Water System - Phase VI	Construction of booster station, 100,000-gallon steel water tank, and pressure reducing vault in order to provide increased storage capacity to serve the residential uses in the immediate area.	\$1,494,571	1.50%	20		\$750,000	ENG-BC	4/1/2016	Improve TFM
22	121	Haines ◆	AK2110619 (2,508)	Moose Lane Water Main Extension	Extend water system on Moose Lane to bring service to properties currently not served. The extension will provide more reliable water to users with onsite wells, and allow higher density development in the area.	\$158,000	1.50%	20				6/1/2016	Improve TFM
23	121	Golden Heart Utilities ◆	AK2310730 (31,535)	Circ Station Generator Backup Project	Install emergency backup generators in 15 GHU circulation stations throughout the water distribution system to maintain circulation and prevent freeze up during an electrical power failure.	\$1,500,000	1.50%	20				2/28/2015	Improve TFM
24	121	Craig ◆	AK2120193 (1,201)	Spruce Street Storage Tank Upgrade	Upgrades include sealing leaks, installing a VFD output pump, pressure switch, pump controls, and an automated control valve. Improvements will allow better use of the low elevation situated storage tank.	\$200,000	1.50%	20				11/16/2015	Improve TFM
25	116	Unalaska ◆	AK2260309 (4,689)	CT and Water Storage Tank	Design and construct a second 2.6 million gallon Chlorine Contact Tank located by the Unalaska's water treatment plant. The tank will provide needed redundancy to avoid major service disruptions for maintenance.	\$8,250,000	1.50%	20				7/1/2016	Improve TFM
26	111	Anchorage - AWWU	AK2213001 (291,826)	Dowling Rd Water Transmission Main ■	Construct a water main between C Street and Minnesota Drive along the ADOT/PF W Dowling Road Phase II corridor. This main is needed for redundancy in the event that the 260 HGL zone becomes damaged.	\$2,400,000	1.50%	20				1/25/2016	Improve TFM
27	110	Anchorage - AWWU	AK2213001 (291,826)	Dowling Rd PRV and 92nd Ave PRV ■	Construct PRV Vaults near Old Seward and Dowling Road area and the Old Seward and 92nd Avenue area. These vaults are needed to optimize water conveyance from the 347 HGL zone to the 260 HGL zone.	\$1,550,000	1.50%	20				7/2/2015	Improve TFM
28	106	Craig ◆	AK2120193 (1,201)	Add Baffles to Water Plant Contact Chamber	Install baffling in the existing contact and storage tank, and build a new adjacent 30,000 gallon contact tank. Improvements will achieve chlorine contact time more efficiently and better meet seasonal high flow demands.	\$588,200	1.50%	20				2/1/2016	Improve TFM
29	106	Sitka	AK2110619 (2,508)	Water Storage Planning, Surveying and Design	Study and design of a water storage facility on the south side of the roundabout at Sawmill Creek Road and Halibut Point Road. A 2014 water modeling effort revealed as lack of storage on the south end of town.	\$250,000	1.50%	20				N/A	Planning
30	96	ALPAT	AK2211229 (350)	Arsenic Treatment Plant	Construction of an arsenic treatment plant to meet average system demand. Current costs for purchasing offsite bulk water were determined to be excessive versus treatment of onsite water that is high in arsenic.	\$74,500	1.50%	20				7/15/2015	Improve TFM
31	76	Haines ◆	AK2110619 (2,508)	Young Road Waterline Relocation	Construct a new 8" PVC water line in the right-of-way for Barnett Drive and Young Road. This project would abandon the existing water line where it crosses private property.	\$273,200	1.50%	20				5/2/2016	Improve TFM
32	41	Craig ◆	AK2120193 (1,201)	New Water Source Study	Study for finding other local water sources for supplementing the existing water source. This will allow the City of Craig a measure of insurance against an unexpected failure of the existing system.	\$100,000	1.50%	20				N/A	Planning
33	41	King Cove ◆	AK2260244 (905)	King Cove Water System Loan Re-financing Project	Refinancing the USDA/RD portion of the project debt (\$1.1 million of the total debt of \$1.35 million) with a loan through the ADWF, an annual water utility cost reduction of \$30,000 will occur.	\$1,100,000	1.50%	20				N/A	Improve TFM
34	41	Anchorage - AWWU	AK2213001 (291,826)	EWTF Facility Plan	Facility plan for the Eklutna Water Treatment Facility, which will be a guide for rehabilitation and renewal of this almost 30 year old facility. Many components are at or beyond their useful life and need replacement. ■	\$450,000	1.50%	20				N/A	Planning

◆ Disadvantage Community (criteria may be referenced on page 14)

Total Requested Amount: **\$ 18,388,471**

■ Equivalency Project (criteria may be referenced on page 14)

Total Subsidized Amount<sup>3</sup>:

● Extra 50 points for construction start by September 15, 2014<sup>7</sup>

Total Priority and Planning Amount: **\$ 64,718,172**

Total Green Amount: **\$ -**

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