

**ALASKA DRINKING WATER FUND
Funding Priority List - Amended
Fiscal Year 2017**

Rank	Score	Community Or System	Public Water System ID# (Population)	Project Title	Project Description	Assistance Amount ²	Finance Rate	Term (Yrs)	Subsidy ³	Green Project Amount ⁴	Green Project Type ^{5,6}	Estimated Construction Start ⁷	Sustainability Policy ⁸
1	200	MeadowBrook◆	AK2220037 (465)	MeadowBrook - Arsenic Remediation■	Installation of a large storage tank at the upper end of the subdivision so Wells 1, 2 & 3 (each with arsenic over the MCL) can be taken offline.	\$330,000	1.50%	20	\$165,000	\$50,000	ENG-BC	6/30/2016	Fix it First
2	190	ALPAT - Sherwood◆	AK2224078 (147)	Treatment and Distribution Upgrade■	Upgrade/expansion of iron removal, backwash disposal, treatment automation/scada systems, treated water storage, and approx. 1800 ft 2" steel piping. Improvements will improve capacity and reduce low pressure events.	\$363,078	1.50%	20	\$181,539	\$117,929	ENG-BC	6/1/2016	Fix it First
3	190	Ketchikan◆	AK2120232 (8,250)	Schoenbar Road Water Main Replacement■	Install approximately 1,119-lf of 16" water main from Schoenbar Trail to Valley Forge Road; 200-lf of 4" – 10" water main throughout the project area; and misc. appurtenances. Upgrades will replace failing water main in the area.	\$309,195	1.50%	20	\$154,597			9/30/2016●	Fix it First
4	190	Ketchikan◆	AK2120232 (8,250)	Chatham Avenue Water Main Replacement■	Install approximately 491-lf of 8" HDPE water mains, 14 services to the edge of the right-of-way, and 2 fire hydrants in approximately 540 feet of roadway. Upgrades will replace failing water main in the area.	\$864,829	1.50%	20	\$432,414			9/30/2016●	Fix it First
5	156	Nome - NJUS◆	AK2340010 (3,920)	Sclaircore Replacement-Ph III■ ¹	Replacement/improvement to the failing 30 year old sclaircore direct bury water systems.	\$2,920,300	1.50%	20	\$728,850	\$2,920,300	ENG-BC	6/1/2016	Fix it First
6	141	Anchorage - AWWU	AK2210906 (221,351)	SCWTF Comprehensive Improvements■	Upgrade and update aging water treatment process infrastructure so the SCWTF can continue to be used as a peaking plant during periods of high water demand as well as for primary supply in the event of an emergency.	\$1,200,000	1.50%	20		\$750,000	ENG-BC	4/4/2016	Fix it First
7	136	Anchorage - AWWU	AK2210906 (221,351)	ARRC Yard 12" Rehabilitation■	Replace a 12-inch water main on the south side of the ARRC's yard and north of Whitney Road which runs underneath portions of the ARRC's tracks. Upgrades will replace failing water main in the area.	\$2,300,000	1.50%	20				2/4/2016	Fix it First
8	126	Anchorage - AWWU	AK2210906 (221,351)	ARRC Yard 16" Rehabilitation■	Rehabilitate 16-inch cast iron pipe on the north side of ARRC's yard that is a primary distribution main to portions of the Ship Creek and port area. Upgrades will replace failing water main in the area.	\$3,500,000	1.50%	20				9/15/2016	Fix it First
9	126	Anchorage - AWWU	AK2210906 (221,351)	Lake Otis 36th - 42nd Water Rehabilitation■	Upgrade approximately 1,950 linear feet of existing 12-inch cast iron water main with a history of failures in Lake Otis Parkway between E. 36th and 42nd Avenues.	\$2,700,000	1.50%	20				8/1/2016	Fix it First
10	126	Anchorage - AWWU	AK2210906 (221,351)	Northern Lights Wesleyan to Bragaw■ ¹	Rehabilitate or replace the existing water distribution main within Northern Lights Boulevard between Bragaw Street and Boniface Parkway. Upgrades will replace failing water main in the area.	\$8,600,000	1.50%	20				6/3/2016	Fix it First

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

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

● Extra 50 points for approval to construct by February 15, 2016

Total Requested Amount: **\$23,087,402**

Total Subsidized Amount³: **\$1,662,400**

Total Equivalency Amount: **\$23,087,402**

Total Green Amount: **\$3,838,229**

¹ Subsidy funding for the Nome - Scclaircore Replacement-Ph III project is limited to available subsidy funds. Additionally, full project funding of the Anchorage - Northern Lights Wesleyan to Bragaw project will be dependent upon remaining available loan funds. The Department will negotiate with Anchorage to provide additional funds as they become available later in the year.

² Total available project loan funding and subsidy under this IUP is \$17,434,373 and \$1,662,400, respectively. Equivalency = \$8,312,000

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

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

⁵ 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.

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11	126	Anchorage - AWWU	AK2210906 (221,351)	East 3rd Ave, Post Rd to Ingra Water Upgraden	Upgrade approximately 1,100 feet of 8-inch cast iron main on East 3rd Avenue between Post Road and Ingra that has experienced a number of corrosion related failures.	\$400,000	1.50%	20				6/15/2018	Fix it First
12	126	Sitka	AK2130075 (9,084)	Lake and Monastery Water Improvements	Replace approx. 2,700 LF of cast/ductile iron water main, 47 services, and all associated isolation valves and hydrants on Lake, Monastery, Hirst and Kinkead Streets. Upgrades will replace failing water main in the area.	\$2,887,722	1.50%	20		\$796,500	ENG-BC	7/1/2019	Fix it First
13	126	Whittieru	AK2211952 (650)	Public Safety Facility	Construction of a new Public Safety Facility to relocate the water department out of a 1955 era building that does not meet State of Alaska Codes for essential buildings and puts the water system at risk.	\$933,949	1.50%	20		\$21,000	ENG-BC	2/10/2016	Fix it First
14	121	Hainesu	AK2110619 (1,463)	Small Tracts Water Main Extension	Extend service to approx. 44 developed parcels (on Small Tracts Road, Small Tracts Spur, and Bear Creek Trail Lane), which are currently not served by the utility, and are susceptible to onsite system contamination.	\$1,725,000	1.50%	20				5/1/2017	Improve TFM
15	121	Anchorage - AWWU	AK2210906 (221,351)	Terminal Road Water Rehab 16-Inchn	Upgrade a backbone water distribution main within the Port of Anchorage area that has had a history of corrosion related failures	\$1,650,000	1.50%	20				6/15/2017	Fix it First
16	110	Ketchikanu	AK2120232 (8,250)	Front, Mill, Stedman Water and Sewer Replacement	Upgrade approx. 3,300-lf of water main along South Tongass Highway from the Grant Street intersection to the Deermount Street intersection. Upgrades will replace failing water main in the area.	\$5,178,783	1.50%	20				9/30/2016	Fix it First
17	135	North Slope Borough	AK2320086 (556)	Wainwright Water Treatment Plant Upgrades	Construction of a 4,700 s.f. addition to the water treatment building. It will include a garage/maintenance room; a mechanical room for heat exchangers and pumps; chemical storage; and, office and storage areas.	\$8,746,245	1.50%	20				4/17/2017	Fix it First
18	106	Craigu	AK2120193 (1,200)	Replace 5.5 miles of Raw Water Main	Inspection and replacement of the raw water line from North Fork Lake to the Craig water treatment plant to ensure uninterrupted water flow.	\$2,900,000	1.50%	20				10/3/2016	Fix it First
19	106	Unalaskau	AK2260309 (5,000)	CT and Water Storage Tank	Design and construct a second 2.6 million gallon Chlorine Contact Tank (CT Tank) next to the existing CT Tank located at the City of Unalaska's Water Treatment Plant.	\$9,807,280	1.50%	20		\$1,340,260	ENG-BC	7/1/2017	Improve TFM
20	106	Hainesu	AK2110619 (1,463)	Cathedral View Pump Station	Installation of a water booster station to increase water pressure to the Cathedral View area.	\$450,000	1.50%	20		\$6,000	ENG-BC	5/1/2017	Improve TFM
21	101	Anchorage - AWWU	AK2210906 (221,351)	West 8th at L Street Upgradesn	Rehabilitate 380 linear feet of 1950's vintage 6" cast iron pipe that is located in the alley between 7th and 8th Avenues and from I to L Streets. Upgrades will replace failing water main in the area.	\$560,000	1.50%	20				7/15/2016	Fix it First
22	100	Golden Heart Utilititesu	AK2310730 (32,324)	Tamarac St. Water Main Replacement	Replace approximately 1,000' of existing 10" 10 gauge thin wall steel pipe along Tamarac Street in the Aurora Subdivision. Upgrades will replace failing water main in the area.	\$500,000	1.50%	20				5/1/2017	Fix it First

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

Total Requested Amount: **\$ 35,738,979**

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

Total Green Amount: **\$ 2,163,760**

● Extra 50 points for approval to construct by February 15, 2016

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23	100	Golden Heart Utilities	AK2310730 (32,324)	Airport Way Crossing	Replace approx. 700' of 8" 10 gauge steel main pipe crossing Airport Way, and connecting pipe. One crossing will be East of Noble St., and the other West of Noble St. Upgrades will replace failing water main in the area.	\$400,000	1.50%	20				5/2/2016	Fix it First
24	98	Juneau	AK2110342 (32,660)	Douglas Highway Water System Replacement■	Replace the water system within the Douglas Highway from the Juneau Douglas (JD) Bridge to Downtown Douglas at the Crow Hill pump station, approximately 8,500 feet of water system.	\$3,000,000	1.50%	20		\$3,000,000	ENG-BC	5/1/2017	Improve TFM
25	91	Craig◆	AK2120193 (1,200)	Spruce Street Storage Tank	Fix tank leaks, install variable frequency drive pump and pressure switch, install associated controls to operate manually or automated, and install automated input pipe with control valve.	\$200,000	1.50%	20				10/1/2016	Improve TFM
26	91	Craig◆	AK2120193 (1,200)	Add Baffles to Water Plant Contact Chamber	Installation of baffles to the existing 35,000 chlorine contact chamber and the 165,000 gallon water storage tank. In addition, add an additional 30,000 gallon baffled storage tank.	\$588,200	1.50%	20				2/1/2017	Improve TFM
27	81	Wrangell◆	AK2120143 (2,000)	Ash Street Water Main Replacement	Replace water mains along Ash Street to improve water delivery to residents in the area by connecting existing low pressure zones to high pressure zones.	\$875,932	1.50%	20				5/1/2017	Improve TFM
28	81	Anchorage - AWWU	AK2210906 (221,351)	Dowling Rd PRV and 92nd Ave PRV■	Construct Pressure Reducing Valve (PRV) Vaults near Old Seward and Dowling Road area and the Old Seward and 92nd Avenue area. Installation of new PRV's will ensure sufficient capacity is maintained in the area.	\$1,550,000	1.50%	20				1/15/2017	Improve TFM
29	81	Anchorage - AWWU	AK2210906 (221,351)	Downtown-Kincaid WTM Rehab Ph I-II■	Water transmission main design and construction from the Kincaid Reservoir to Downtown Anchorage. Installation of new main will ensure sufficient water pressure is maintained in the area.	\$15,400,000	1.50%	20				11/15/2017	Improve TFM
30	81	Anchorage - AWWU	AK2210906 (221,351)	Military Reservoir 25■	Rehabilitation of the Reservoir 25 site including the replacement of deficient pumps, leaking pipes, and other aged water system assets necessary to provide water supply and fire flow to the neighboring communities.	\$852,000	1.50%	20				8/15/2017	Improve TFM
31	81	North Slope Borough	AK2320426 (711)	Point Hope Tank 4-1 Upgrade	Replacement of the existing interior coatings system, external sealing of the tank base, replacement of corroded pipes, installation of wear plates on support columns, and a temporary bypass to take the tank out of service.	\$2,427,987	1.50%	20				4/17/2017	Improve TFM
32	78	Skagway◆	AK2110601 (800)	Redwood water tank	Construct a new redwood drinking water storage tank, which will increase storage capacity from 300,000 gallons to 500,000 gallons.	\$970,430	1.50%	20				6/16/2016	Improve TFM
33	76	Anchorage - AWWU	AK2210906 (221,351)	SCWTF Energy Use Rehab■	Energy efficiency upgrades for non-process related items such as building mechanical and facility lighting.	\$325,000	1.50%	20		\$300,000	ENG-BC	6/1/2017	Improve TFM
34	76	Anchorage - AWWU	AK2210906 (221,351)	486 Zone Debarr Intertie■	Construct - 700 feet of 16" backbone main between Debarr Vault and Early View Dr. This will address hydraulic deficiencies in the NE 486 pressure zone and allow for Muldoon Booster Station to be abandoned.	\$1,022,000	1.50%	20				8/15/2017	Improve TFM

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

Total Requested Amount: **\$ 24,211,549**

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

Total Green Amount: **\$ 2,300,000**

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35	76	Anchorage - AWWU	AK2210906 (221,351)	Becharof St Rakof to Chirikof Wtr Rehab■	Replace approximately 988 feet of 1968 – 8" cast iron water main at the end of its useful life.	\$673,000	1.50%	20				8/15/2017	Improve TFM
36	76	Anchorage - AWWU	AK2210906 (221,351)	E 43rd Thorne Dale to Piper Rehab■	Replace approx 710 feet of 1970 – 6" cast iron water main at the end of its useful life. See attached BCE for more detail.	\$483,000	1.50%	20				8/15/2017	Improve TFM
37	76	Anchorage - AWWU	AK2210906 (221,351)	Hillcrest Drive Water Rehab■	Rehabilitate and/or replace ~2357 feet of cast iron and steel water main along Hillcrest Drive that is at the end of its useful life.	\$400,000	1.50%	20				8/15/2017	Improve TFM
38	75	Galena◆	AK2360272 (470)	GILA Campus Domestic Water Line Replacement	Water distribution replacement on the Galena Interior Learning Academy campus. This project replaces an old steam heating system with a new hydronic system, which will ensure greater water system reliability.	\$2,000,000	1.50%	20		\$2,000,000	ENG-BC	5/23/2016	Improve TFM
39	51	Anchorage - AWWU	AK2210906 (221,351)	SW 260 Zone Capacity Improvements■	Install water main to the SW 260 pressure zone through the Tanglewood Golf Course, and PRV upgrade/construction at Oceanview North & Bowman School. PRV and main upgrades will ensure sufficient capacity in the area.	\$6,000,000	1.50%	20				6/15/2017	Improve TFM
40	46	Craig◆	Construct Pressure Reducing Valve (PRV) Manhole	New Water Source Study	A study to look at other local water sources, including incorporating water from the city's prior water source as a supplement to the existing water source. Additional water sources will ensure more reliable service.	\$100,000	1.50%	20				2/1/2017	Planning
41	41	Haines◆	AK2110619 (1,463)	Young Road Waterline Relocation	Abandon the existing water line where it crosses private property and construct a new 8" PVC water line in the right-of-way for Barnett Drive and Young Road. Improvement will ensure more reliable service.	\$273,200	1.50%	20				5/1/2017	Improve TFM

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

Total Requested Amount: **\$ 9,929,200**

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

Total Green Amount: **\$ 2,300,000**

● Extra 50 points for approval to construct by February 15, 2016

Total Priority and Planning Amount: **\$ 83,037,930**

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Project Description Revisions
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Sitka	AK2130075 (8985)	DeGroff Street Water Improvements	Replacement of the existing aging/failing water system within DeGroff Street between Sawmill Creek Road and Lake Street, <u>and the South Lake Street - from the SMC/HPR roundabout north to DeGroff Street.</u> ¹	\$1,352,100	1.50%	20		\$162,000	WTR-BC	5/15/2016	Fix it First
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, <u>procure a mini excavator, upgrade booster pumps and add VFDs at two storage tank locations,</u> and include other associated appurtenances. ²	\$3,000,000	1.50%	20	\$811,125	\$458,500	WTR-BC	9/61/2015	Fix it First

¹ The Sitka "DeGroff Street Water Improvements" project was originally listed under the SFY 2015 IUP. Recently, due to scope of work changes the project is being relisted with a revised project description to include additional work items (underlined above). A loan offer was issued on June 29, 2015 and all other conditions in the agreement remain unchanged.

² The Cordova "LT2 Compliance Upgrades" project was originally listed under the SFY 2014 IUP. Recently, due to scope of work changes the project is being relisted with a revised project description to include additional work items (underlined above). A loan offer was issued on October 4, 2013 and all other conditions in the agreement remain unchanged.

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