

**ALASKA DRINKING WATER FUND
Funding Priority List
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 \$14,563,138 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.

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

⁷ 50 points are only awarded if plans and specifications have been approved for construction by the end of the of questionnaire solicitation period.

⁸ 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.

**ALASKA DRINKING WATER FUND
Funding Priority Planning List
Fiscal Year 2017**

| Rank | Score | Community Or System | Public Water System ID# (Population) | Project Title | Project Description | Assistance Amount ¹ | Finance Rate | Term (Yrs) | Subsidy ² | Green Project Amount ³ | Green Project Type, ^{4,5} | Estimated Construction Start ⁶ | Sustainability Policy ⁷ |
|------|-------|-------------------------|--------------------------------------|--|--|--------------------------------|--------------|------------|----------------------|-----------------------------------|------------------------------------|---|------------------------------------|
| 11 | 126 | Anchorage - AWWU | AK2210906 (221,351) | East 3rd Ave, Post Rd to Ingra Water Upgrade■ | 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 | 121 | Haines◆ | 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 |
| 14 | 121 | Anchorage - AWWU | AK2210906 (221,351) | Terminal Road Water Rehab 16-Inch■ | 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 |
| 15 | 110 | Ketchikan◆ | 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 |
| 16 | 106 | Craig◆ | 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 |
| 17 | 106 | Unalaska◆ | 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 |
| 18 | 106 | Haines◆ | 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 |
| 19 | 101 | Anchorage - AWWU | AK2210906 (221,351) | West 8th at L Street Upgrades■ | 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 |
| 20 | 100 | Golden Heart Utilities◆ | 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 |
| 21 | 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 |

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

Total Requested Amount: **\$ 26,458,785**

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

Total Green Amount: **\$ 2,142,760**

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

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**ALASKA DRINKING WATER FUND
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|------|-------|---------------------|--------------------------------------|---|--|--------------------------------|--------------|------------|----------------------|-----------------------------------|------------------------------------|---|------------------------------------|
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 46 | Craig◆ | AK2120193 (1,200) | 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 |
| 32 | 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: **\$ 28,282,762**

■ 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: **\$ 77,828,949**

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