

**ALASKA CLEAN WATER FUND
Point Source Funding Priority List - Amended
Fiscal Year 2016**

Rank	Score	APDES Permit Number	Category	Community	Project Title	Project Description	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Green Project Amount ²	Green Project Type ²	Estimated Binding Commitment	Estimated Construction Start	Sustainability Policy ³
1	660	AK-0021458	III(b)	Petersburg	Scow Bay 1 Pump Station Upgrade	Inadequate wet well storage capacity and undersized pumps replaced with properly sized and rated submersible pumpstation, and which will include high efficiency pumps and controls.	\$400,000	1.50%	20	\$400,000	ENG-BC	7/1/2015	6/1/2016	Fix it First
2	575	AK-0021440	III(b)	Ketchikan ♦	Schoenbar Road Sewer Mains Replacement	Install 2,200 Lineal feet of 8" to 12" C900 PVC sewer mains, and 12 sewer manholes, in approximately 1,400 feet of roadway.	\$3,006,944	1.50%	20			7/1/2015	9/30/2015	Fix it First ●
3	575	AK-0021440	III(b)	Ketchikan ♦	Chatham Avenue Sewer Main Replacement	Install 488-lineal feet of 8" C900 PVC sewer mains, (2) sewer manholes, and (16) services installed to the edge of the right-of-way, in approximately 540 feet of roadway.	\$1,057,013	1.50%	20			7/1/2015	9/30/2015	Fix it First ●
4	540	AK-0021474	I	Anchorage - AWWU	Girdwood Wastewater Treatment Facility - Ph II ■	Work will include various upgrades and expansion of the Girdwood Wastewater Treatment Facility to meet existing and future flows from the Girdwood area.	\$24,000,000	1.50%	20			2/9/2016	12/5/2016	Fix it First
5	535	2007DB0003	III(b)	Nome ♦	Nome Sciaircore Replacement-Ph III	Replacement of failing sciaircore piping systems, and rehabilitation of the main wastewater lift station to wastewater lagoons. Energy savings on reduced I&I from correction of permafrost impacts.	\$3,249,100	1.50%	20	\$649,820	EIN-BC	6/15/2015	6/1/2015	Fix it First
6	480	AK-0021458	III(b)	Petersburg ♦	Pump Station 4 Force Main Replacement	Replace a badly corroded ductile iron force main that has been under influence of tidal waters since its installation in the mid 1970's.	\$325,000	1.50%	20			8/31/2015	4/4/2016	Fix it First
7	430	AK-0023213	III(b)	Sitka	Marine Street Sewer - Osprey to Erler	Replace Marine Street sewer from Osprey Street to Erler Street. Work includes 600 LF of 8" C900 sewer main, 3 sanitary manholes and 24 services. Energy savings on lift stations from reduced I&I.	\$1,052,500	1.50%	20	\$210,500	ENG-BC	7/1/2015	4/1/2017	Fix it First
8	430	AK-0021385	I	Haines ♦	Sewer Treatment Plant Health and Safety Upgrades ¹	Upgrades will allow screening to be done on the first floor (currently located on the second floor), which will reduce energy costs incurred by pumping the sewage, and will allow for greater energy efficiency.	\$2,317,000	1.50%	20	\$463,400	ENG-BC	7/1/2015	5/2/2016	Fix it First

♦ Disadvantaged Community (criteria may be referenced on page 10)

Total Requested Amount: **\$35,407,557**

■ Equivalency Project (criteria may be referenced on page 9)

Total Green Amount: **\$1,723,720**

● Extra 50 points for "ready to go projects," approved construction by February 13, 2015

Total Equivalency Amount: **\$24,000,000**

¹ Full funding of the Haines - Sewer Treatment Plant Health and Safety Upgrades project for \$2,317,000 will be dependent upon remaining available loan funds. The Department will negotiate with Haines to provide additional funds as they become available later in the year. Total available funding under this IUP is \$35,214,381, and is split on a ratio of 80/20 between Point Source Priority List (\$28,171,505) and Non-Point Source Priority List (\$7,042,876) projects. Note, any funding that is not awarded to Non-Point Source projects will be awarded to Point Source projects or vice-versa if necessary.

² 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. Funding for Green projects is based on meeting a minimal required amount of \$833,300 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

³ 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 CLEAN WATER FUND
Point Source Funding Priority Planning List - Amended
Fiscal Year 2016**

Rank	Score	APDES Permit Number	Category	Community	Project Title	Project Description	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Green Project Amount ¹	Green Project Type ¹	Estimated Binding Commitment	Estimated Construction Start	Sustainability Policy ²
9	420	AK-0021431	VII(j)	Anchorage - SWS	Landfill Leachate Hauling Equipment ■	Replace three (3) tanker trailers used for hauling leachate to the POTW.	\$401,000	1.50%	20			7/1/2015	1/4/2016	Fix it First
10	415	AK-0021458	III(b)	Petersburg ◆	Haugen Drive Sewer Manhole Rehabilitation	Replace two deficient wastewater manholes and rehabilitate eight other manholes on Haugen Drive, from 1st Street to 8th Street in Petersburg.	\$108,376	1.50%	20			6/30/2015	3/31/2015	Fix it First
11	415	AK-0021431	I	Anchorage - AWWU	AWWTF Screen Auto, Headworks HWS, Code Analysis Update ■	Rehabilitate existing influent screens, upgrade the screen automation system, and conduct fire code facility review and make necessary upgrades.	\$1,300,000	1.50%	20			9/18/2015	10/23/2015	Fix it First
12	410	2003DB0096-1009	III(b)	Sand Point ◆	Lift Station Upgrades	Upgrade five lift stations, which includes replacement of guide rails, pumps, plumbing, panels, sheltering, and other critical components. Energy savings with more efficient pumps and controls.	\$335,150	1.50%	20	\$67,030	ENG-BC	7/15/2015	9/15/2015	Fix it First
13	405	AK-0021458	III(b)	Petersburg ◆	Kiseno Street Sewer Replacement	Replace aged and failing asbestos cement and PVC pipe on Kiseno Street.	\$160,000	1.50%	20			6/30/2015	9/30/2015	Fix it First
14	400	AK-0021431	III(b)	Anchorage - AWWU	Downtown Pipe Replacement ■	Rehabilitate or replace existing vitrified clay sewer main sections within downtown Anchorage.	\$850,000	1.50%	20			7/1/2015	8/20/2015	Fix it First
15	345	AK-0022543	I	Anchorage - AWWU	ERWWTF Rehabilitation ■	Upgrades to headworks area, return activated sludge piping system, emergency backup generator, windows and doors, and fire alarm system. Energy efficiency window and door installations.	\$11,500,000	1.50%	20	\$225,000	ENG-BC	8/14/2015	9/24/2015	Fix it First
16	325	AK-0052388	III(b)	King Cove ◆	Downtown Wastewater System Upgrade	Design and construction of a new downtown lift station to replace an existing one that has documented major safety issues and a number of system components that need to be replaced and/or upgraded.	\$500,000	1.50%	20			6/1/2015	5/1/2016	Fix it First
17	325	AK-0021431	I	Anchorage - AWWU	AWWTF Gravity Thickener and Clarifiers Rehab ■	Design and rehabilitation of aging, corroded elements within the gravity thickeners 2, 3 and 4 and upgrade of four primary clarifiers at the AWWTF.	\$1,500,000	1.50%	20					Fix it First
18	325	AK-0023213	III(b)	Sitka	Crescent Lift Station Replacement	Full lift station replacement due to a retro-fitted lift station with minimal capacity, resulting in frequent surcharging and high-level alarms. Energy efficiency achieved with more efficient pumps and controls.	\$502,500	1.50%	20	\$100,500	ENG-BC	7/1/2015	4/1/2016	Fix it First
19	320	AK-0021431	III(b)	Anchorage - AWWU	Interceptor Rehabilitation ■	Structural rehabilitation and cleaning of the 78/84-inch RCP Interceptor A2 and structural rehabilitation and cleaning of the 36/48-inch Interceptor D/Pine Trunk Component.	\$2,500,000	1.50%	20			12/89/15	1/7/2016	Fix it First
20	320	2003db0037	III(b)	Kotzebue ◆	Lift Station No.9 Replacement/Upgrade	Replace/upgrade submersible pumps to high energy efficient above ground pumps, and install electrical controls/components into a new building enclosure over an upgraded wetwell.	\$600,000	1.50%	20	\$120,000	ENG-BC	7/1/2015	6/6/2016	Fix it First

◆ Disadvantaged Community (criteria may be referenced on page 10)

Total Requested Amount: **\$ 20,257,026**

■ Equivalency Project (criteria may be referenced on page 9)

Total Green Amount: **\$ 512,530**

● Extra 50 points for "ready to go projects," approved construction by February 13, 2015

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**ALASKA CLEAN WATER FUND
Point Source Funding Priority Planning List - Amended (Continued)
Fiscal Year 2016**

Rank	Score	APDES Permit Number	Category	Community	Project Title	Project Description	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Green Project Amount ¹	Green Project Type ¹	Estimated Binding Commitment	Estimated Construction Start	Sustainability Policy ²
21	315	2003db0037	III(b)	Kotzebue ♦	Lift Station No.12 Replacement	Install new energy efficient above ground pumps, SCADA Control Systems,new building enclosure, and wetwell replacement. It will also replace/upgrade gravity & Force Main piping & manholes.	\$1,500,000	1.50%	20	\$300,000	ENG-BC	7/4/2015	6/6/2016	Fix it First
22	315	AK-0021431	I	Anchorage - AWWU	AWWTF Improvements ■	Remove the obsolete sludge incinerator No. 1, improvements to stabilize the slopes and foundation of the effluent outfall structure and upgrade the HVAC in the Old Raw Sludge Pump Station.	\$1,100,000	1.50%	20			10/2/2015	11/19/2015	Fix it First
23	310	AK-0023213	I	Juneau	Biosolids Treatment Project ■	Selection of energy efficient sludge dryer system; design and build headworks and other treatment improvements; and, design and begin construction of dryer and associated infrastructure installation.	\$10,000,000	1.50%	20	\$2,000,000	ENG-BC	6/1/5/15	7/1/2015	Improve TFM
24	305	Pending	I	Mat-Su Borough ♦	Mat-Su Septage & Leachate Treatment Facility	Design and construct a new energy efficient septage and leachate facility to minimize septage and leachate disposal costs and environmental impacts in the Matanuska-Susitna Valley	\$22,000,000	1.50%	20	\$4,400,000	ENG-BC	6/15/2015	2/27/2017	Improve TFM
25	300	2003db0037	III(b)	Kotzebue ♦	Lift Station No.1 Replacement/Upgrade	Replace submersible pumps with highly energy efficient above ground pumps, new electrical components/SCADA, and construct a building enclosure over an existing wetwell.	\$600,000	1.50%	20	\$120,000	ENG-BC	6/4/2015	6/6/2016	Fix it First
26	300	2003db0037	III(b)	Kotzebue ♦	Lift Station No.7 Replacement/Upgrade	Replace submersible pumps with highly energy efficient above ground pumps, new electrical components/SCADA, and construct a building enclosure over an existing wetwell.	\$600,000	1.50%	20	\$120,000	ENG-BC	6/4/2015	6/6/2016	Fix it First
27	280	AK-0021385	IV(a)	Haines ♦	Moose Lane Sewer Main Extension	Extend approximately 1,050 feet of 6" PVC pipe on Moose Lane and North Sawmill Road in order to bring service to approximately eight properties currently not served by the utility.	\$158,000	1.50%	20			9/1/2015	6/1/2016	Improve TFM
28	280	AK-0021547	I	Corodva ♦	Wastewater Treatment Plant Blower Upgrades	Replace one pump and upgrade to High Speed Turbine (HST) blowers and/or install variable frequency drives for better energy efficiency.	\$200,000	1.50%	20	\$90,000	ENG-BC	6/18/2015	9/21/2015	Fix it First
29	220	AK-0023213	I	Juneau	Juneau Waste Water Plant Upgrades ■	The initial phase of this infrastructure upgrade project replaces severely corroded existing cat walk structures in the Aeration Basin and Digester buildings.	\$2,000,000	1.50%	20			5/31/2015	2/1/2016	Fix it First
30	220	AK-0023213	I	Sitka	WWTP HVAC improvements	Replace oil-fired boilers with an energy efficient heat pump utilizing treated effluent as a heat source. Additionally, replace existing unit heaters, supply fans, exhaust fans and scrubbers.	\$2,832,500	1.50%	20	\$1,416,250	ENG-BC	7/1/2015	3/1/2017	Fix it First
31	220	AK-0023213	I	Sitka	WWTP building envelope improvements	Replace doors, windows, insulation, sheathing, and wooden cladding to improve the facility's insulation and moisture resistance, and reduce energy needed to maintain temperatures in the facility.	\$1,825,000	1.50%	20	\$1,825,000	ENG-BC	7/1/2015	5/1/2018	Fix it First
32	215	AK-0021431	I	Anchorage - AWWU	Asplund WWTF Sludge Dewatering Replacement ■	Replace two of the three belt filter presses at the AWWTF with new sludge dewatering equipment, and upgrade the thickened sludge piping in the vicinity of the belt filter presses.	\$4,250,000	1.50%	20			1/15/2016	2/27/2017	Fix it First

♦ Disadvantaged Community (criteria may be referenced on page 10)

Total Requested Amount: **\$ 47,065,500**

■ Equivalency Project (criteria may be referenced on page 9)

Total Green Amount: **\$10,271,250**

● Extra 50 points for "ready to go projects," approved construction by February 13, 2015

Total Priority & Planning Amount: **\$102,730,083**

Total Priority & Planning Green Amount: **\$12,507,500**

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ALASKA CLEAN WATER FUND
Non-Point Source Funding Priority List - Amended
Fiscal Year 2016

Rank	Score	Community	Project Title	Project Description	How this project implements Alaska's Nonpoint Source Strategy:	Requested Assistance Amount ¹	Finance Charge Rate	Term (Yrs)	Green Project Amount ²	Green Project Type ²	Estimated Binding Commitment
1	115	King Cove ♦	Landfill Expansion and Upgrade	Install an incinerator and construct a solid waste handling facility at a new site; expand the existing landfill to accommodate incinerator ash; capping off existing solid waste disposal areas; and, a grading and re-vegetation plan of more than 50% of the existing landfill.	The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 31), "Provide education, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met,." Additionally, on pages 82 - 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program, and comes under a listed grouping of nonpoint projects in this section as "Capping and closing out existing landfills and the water quality related portions of new landfills."	\$1,100,000	1.50%	20			6/1/2015
2	55	Cordova ♦	Mile 17 Landfill Monitoring Well Upgrades	Replace Well MM2 which is dry and re-evaluate the groundwater monitoring program starting with determining if the groundwater flow direction and groundwater elevations have changed since the 1993 surveys.	The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 31), "Provide education, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met,." Additionally, on pages 82 - 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program, and comes under a listed grouping of nonpoint projects in this section as "Capping and closing out existing landfills and the water quality related portions of new landfills."	\$60,000	1.50%	20			6/16/2015

♦ Disadvantaged Community (criteria may be referenced on page 10)

Total Requested Amount: **\$ 1,160,000**

\$ -

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