

**ALASKA CLEAN WATER FUND
Point Source Funding Priority List - Amended
Fiscal Year 2018**

Rank	Score	APDES Permit Number	Clean Water Needs Category	Community	Project Title	Project Description	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Subsidy ^{3,4}	Green Project Amount ⁵	Green Project Type ⁵	Estimated Binding Commitment	Estimated Construction Start	Sustainability Policy ⁶
1	640	AK-0047856	I	Anchorage - AWWU	GWTF Upgrade Phase II■	Work will include various upgrades and expansion of the Girdwood Wastewater Treatment Facility to meet existing and future flows from the Girdwood area.	\$15,800,000	1.5%	20				10/1/2017	10/10/2019	Fix it First
2	635	AK-0021458	III(b)	Petersburg◆	Pump Station 4 Force Main Replacement	Replace a ductile iron force main that has been under influence of tidal waters since its installation in the mid 1970's.	\$360,000	1.5%	20	\$72,000			8/31/2017	4/2/2018	Fix it First
3	610	AK-0021440	III(b)	Ketchikan◆	Schoenbar Road Sewer Mains Replacement Phase I■	Install 2,200 Lineal feet of 8" to 12" C900 PVC sewer mains, and 12 sewer manholes, in approximately 1,400 feet of roadway.	\$1,795,197	1.5%	20	\$359,039			7/1/2017	9/30/2017	Fix it First
4	610	AK-0021440	III(b)	Ketchikan◆	Schoenbar Road Sewer Mains Replacement Phase 2 ¹ ■	Install 2,200 Lineal feet of 8" to 12" C900 PVC sewer mains, and 12 sewer manholes, in approximately 1,400 feet of roadway.	\$1,795,197	1.5%	20	\$140,961			7/1/2017	9/30/2017	Fix it First
5	520	AK-0022551	III(b)	Anchorage - AWWU	D-2-4 Trunk Improvements■	Realign and correctly size sewer trunk main to allow for preventative maintenance.	\$750,000	1.5%	20				5/1/2017	7/17/2018	Fix it First
6	490	2007-DB0003	III(b)	Nome - NJUS◆	Sciaircore Replacement, Phase III	Replacement of aging sewer distribution piping which is experiencing a high rate of failure and leakage due to thawing of underlying permafrost pockets.	\$3,249,100	1.5%	20	\$66,160	\$3,249,100	EIN	5/15/2017	6/1/2017	Fix it First
7	420	AK-0022551	III(b)	Anchorage - AWWU	Blueberry Sewer Rehabilitation■	Rehabilitate deteriorated 8-inch asbestos concrete sewer pipe along back lot lines between Arctic Blvd & Blueberry Rd and W. 27th Ave & W. Northern Lights Blvd.	\$1,176,000	1.5%	20				5/1/2017	6/19/2017	Fix it First
8	420	AK-0021458	III(b)	Petersburg◆	Scow Bay 1 Pump Station Upgrade	Upgrade lift station that is currently exceeding design capacity due to inadequate wet well storage capacity and undersized pumps.	\$550,000	1.5%	20		\$400,000	ENG	4/28/2017	6/30/2017	Fix it First
9	400	AK-0022551	III(b)	Anchorage - AWWU	W 72nd Ave Trunk Rehabilitation■	Upgrade a failing 15-inch corrugated metal pipe sewer trunk by either using cured-in-place pipe, or by direct pipe replacement.	\$1,200,000	1.5%	20				7/15/2016	3/15/2017	Fix it First
10	400	AK-0022551	III(b)	Anchorage - AWWU	1st Avenue A-F Streets Sewer Rehabilitation■	Upgrade approximately 2,000 feet of 1950's vintage failing concrete sewer main.	\$420,000	1.5%	20				5/1/2017	9/12/2017	Fix it First
11	390	AK-0022551	III(a)	Anchorage - AWWU	Mills Drive Sewer Upgrade ² ■	Replace and rehabilitate asbestos cement sewer main, and rehabilitate and realign at least one failed manhole, to reduce sanitary survey overflows and groundwater inflow and infiltration.	\$1,282,000	1.5%	20				5/1/2017	5/4/2018	Fix it First

◆ Disadvantaged Community

■ Equivalency Project

● Extra 50 points for "ready to go projects," approved construction by February 21, 2017

Total Requested Amount This Page: **\$28,377,494**

Total Available: **\$27,103,874**

Total Equivalency Amount This Page: **\$24,218,394**

Total Subsidy Amount This Page: **\$638,160**

Total Green Amount This Page: **\$3,649,100**

¹ Total subsidy funding for the Ketchikan - Schoenbar Road Sewer Mains Replacement Phases 1 and 2 project is limited to \$500,000. Total subsidy funding for Nome - NJUS Sciaircore Replacement, Phase III is limited to available funding.

² Full funding of the Anchorage - AWWU - Mills Drive Sewer Upgrade 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.

³ Total available loan and subsidy (as principle forgiveness) funding amounts under this amended IUP are \$33,879,842 and \$797,700, respectively and are split on a ratio of 80/20 between Point Source Priority List (\$27,103,873 & \$638,160 of subsidy) and Non-Point Source Priority List (\$6,775,968 & \$159,540 of subsidy) projects.

⁴ Criteria for being eligible for a loan subsidy may be referenced on page 10 under the narrative section of the IUP.

⁵ Green Project Reserve Category Type: GIF - Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Funding for Green projects is based on meeting a minimal required amount of \$797,000 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

⁶ Sustainability Policy - "Fix it First" - fix existing critical infrastructure; "EUM" - Effective Utility Management to 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 Planning List - Amended
Fiscal Year 2018

Rank	Score	APDES Permit Number	Clean Water Needs Category	Community	Project Title	Project Description	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Green Project Amount ⁵	Green Project Type ⁵	Estimated Binding Commitment	Estimated Construction Start	Sustainability Policy ⁶
12	590	AKG-573033	I	Mat-Su Borough◆	Talkeetna Wastewater Treatment Plant Upgrade ▲	Design and construct a new treatment facility that will meet current and future needs and bring the facility into compliance with water quality standards.	\$7,700,000	1.5%	20			3/1/2018	8/1/2018	
13	475	AK-0020036	I	Soldotna◆	Soldotna WWTP Improvements ▲	Design and repair/replace existing aeration blowers, clarifier mechanical components, and building electrical/mechanical corrections.	\$3,000,000	1.5%	20	\$781,000	ENG	11/6/2017	12/20/2017	Fix It First
14	475	AK-0021474	III(b)	Sitka	Japonski Island Force Main Rehabilitation ▲	Rehabilitate 4,200 feet of 16-inch diameter sewer force, construct lift station piping improvements, and install new pumps for the Thomsen lift station.	\$7,740,000	1.5%	20	\$7,740,000	ENG	2/1/2018	2/1/2019	EUM
15	375	AK-0022951	III(b)	Juneau	Mendenhall River Sewer Forcemain Crossings ▲	Repair the Maier Drive forcemain crossing at the Mendenhall River that broke in September 2017. Evaluate the forcemain crossing at Taku Boulevard and either implement riverbank stabilization or install a new forcemain.	\$2,300,000	1.5%	20			11/22/2017	6/20/2017	EUM
16	340	AK-0020010	III(a)	Skagway◆	State Street Sanitary Sewer & Water Upgrades	Replace existing sewer mains and manholes, install new sanitary sewer services to reduce inflow and infiltration due to aging infrastructure.	\$1,800,000	1.5%	20		ENG	3/1/2017	4/1/2018	Fix it First
17	325	Pending	I	Mat-Su Borough◆	Mat-Su Septage & Leachate Treatment Facility	Design and construct a new septage and leachate facility to minimize septage and leachate disposal costs and environmental impacts in the Matanuska-Susitna Valley.	\$22,000,000	1.5%	20	\$1,108,900	ENG	3/9/2015	4/19/2018	Planning
18	320	AK-0021440	III(b)	Ketchikan◆	Tongass Avenue Sewer Rehabilitation Phase II	Rehabilitate 1250 lineal feet of sewer force main in approximately 1,400 feet of roadway using trenchless green technology to minimize environmental impacts.	\$1,375,830	1.5%	20	\$1,375,830	ENG	7/1/2017	9/30/2017	Fix it First
19	300	AK-0047856	III(a)	Anchorage - AWWU	Girdwood I&I, Ph VIII■	Remove and replace sewer services that have been identified to have ground water infiltration.	\$500,000	1.5%	20	\$5,000	ENG	5/1/2017	6/20/2017	EUM
20	275	Pending	IV(a)	Mat-Su Borough◆	Central Landfill Cell 4 Design and Construction	Design and construct a new lined cell, build and tie into an existing leachate system, and tie into adjacent landfill cells at the Central Landfill.	\$7,000,000	1.5%	20			2/22/2016	3/19/2018	Planning
21	275	AK-0022551	III(b)	Anchorage - AWWU	Seppala Drive Sanitary Sewer Main Reconstruction - W 30th Ave to N Lights Blvd■	Realign and replace wood stave Sanitary Sewer main that is prone to freezing.	\$572,000	1.5%	20			5/1/2017	2/21/2018	EUM
22	220	AK-0021440	III(b)	Ketchikan◆	Water St. Sewer Replacement/Rehab Phase I	Install 520 Lineal feet of 8" C900 PVC sewer mains, 5 sewer manholes and rehabilitate 340 lineal feet of sewer force main in approximately 700 feet of roadway using trenchless green technology to minimize environmental impacts.	\$1,803,899	1.5%	20	\$1,803,899	ENG	7/1/2017	9/30/2017	Fix it First
23	220	AK-0021440	III(b)	Ketchikan◆	Water St. Sewer Replacement/Rehab Phase II	Install 520 Lineal feet of 8" C900 PVC sewer mains, 5 sewer manholes and rehabilitate 340 lineal feet of sewer force main in approximately 700 feet of roadway using trenchless green technology to minimize environmental impacts.	\$1,236,145	1.5%	20	\$1,236,145	ENG	7/1/2017	9/30/2017	Fix it First
24	215	AK-0022551	III(b)	Anchorage - AWWU	AWWTF Scum Pump & Inline Grinder■	Replace existing grinders and piston pumps with mechanical diaphragm pumps and two new macerators at the inlet to the scum concentrator at Asplund Wastewater Treatment Facility (AWWTF), eliminating the need for lubricating oil.	\$500,000	1.5%	20	\$500,000	ENG	2/1/2018	6/1/2018	EUM
25	215	AK-0022551	III(b)	Anchorage - AWWU	AWWTF General Improvements to Support Concrete Inspection■	Perform concrete condition assessments and subsequent upgrades to concrete structures at the Asplund Wastewater Treatment Facility.	\$894,900	1.5%	20			2/1/2018	6/1/2018	Fix it First
26	205	AK-0022551	III(b)	Anchorage - AWWU	AWWTF Incinerator Improvements■	Rehabilitate major components and support equipment for the sludge incinerator at Asplund Wastewater Treatment Facility.	\$1,000,000	1.5%	20			2/1/2018	6/1/2018	Fix it First
27	200	AK-0021474	III(b)	Sitka	WWTP Building Envelope Improvements■	Replace 30-year old building envelope, including doors, windows, insulation, sheathing and wooden cladding to improve the facility's insulation and moisture resistance, and reduce the amount of energy needed to maintain a working temperature in the facility.	\$1,825,000	1.5%	20	\$1,825,000	ENG	7/1/2017	5/1/2018	EUM

Rank	Score	APDES Permit Number	Clean Water Needs Category	Community	Project Title	Project Description	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Green Project Amount ⁵	Green Project Type ⁵	Estimated Binding Commitment	Estimated Construction Start	Sustainability Policy ⁶
28	200	AK-0022551	III(b)	Anchorage - AWWU	SE Bragav Glenn Sewer Upgrades■	Rehabilitate or replace 7 each 8" concrete sewer mains totaling 1,900 feet at the end of their useful life.	\$1,282,000	1.5%	20			5/1/2017	4/2/2018	Fix it First
29	195	AK-0022551	III(b)	Anchorage - AWWU	PS 12 Force Mains■	This project will reconstruct the force main crossing at Campbell Creek, which was built in 1971 and currently sits atop two 8'-10" X 6'-1" galvanized arches that are nearing the end of their useful lives.	\$1,282,000	1.5%	20			5/1/2017	8/1/2018	Fix it First
30	190	AK-0022551	III(b)	Anchorage - AWWU	Turpin Street Septage Receiving Station Upgrade■	Provide pre-screening of liquid waste streams at the septage receiving station to reduce plugs and eliminate plugging of the downstream interceptor.	\$1,308,000	1.5%	20			2/1/2018	6/1/2018	EUM
31	185	AK-0022551	III(b)	Anchorage - AWWU	PS 52 Improvements■	Reconstruct an existing pump station to meet current and expected future capacity.	\$1,708,000	1.5%	20			5/1/2017	5/4/2018	EUM
32	175	AK-0022551	III(b)	Anchorage - AWWU	King Street Septage Receiving Station■	Rehabilitate and upgrade the existing King St. Septage Receiving Station to improve the access, reliability and cleanliness of the existing station.	\$1,378,400	1.5%	20			5/1/2017	1/27/2018	EUM
33	175	AK-0022551	III(b)	Anchorage - AWWU	Farm Ave Sewer Rehab■	Replace undersized gravity sewer pipes downstream of PS 53, which are currently running at 100% design capacity, to accommodate pump station flow.	\$2,332,800	1.5%	20			5/1/2017	5/15/2018	EUM
34	135	AK-0021440	III(b)	Ketchikan◆	Commercial Water Metering ▲	Purchase and install water meters for all commercial water users within the City of Ketchikan.	\$1,250,000	1.5%	20			12/1/2017	1/1/2018	EUM
35	115	AK-0022551	III(b)	Anchorage - AWWU	AWWTF Resource Recovery■	Implement energy recovery improvements at the Asplund Wastewater Treatment Facility through the design of a new gasification system to replace the aging incinerator.	\$800,000	1.5%	20	\$800,000	ENG	2/1/2018	2/1/2018	EUM
36	115	AK-0022543	III(b)	Anchorage - AWWU	ERWWTF Facility Plan■	Update and replace the prior facility plan with considerations of current and future use, discharge permit compliance, population projections, and other utility initiatives.	\$400,000	1.5%	20			5/1/2017	2/2/2017	Planning
37	110	AK-0022551	III(b)	Anchorage - AWWU	King Street Improvements■	Improvements to the Main Building 2nd floor office, Main Building 1st floor office, and Shop Building. Additionally, Main Building exterior upgrades and Main Building mechanical upgrades.	\$3,000,000	1.5%	20	\$820,000	ENG	5/1/2017	6/6/2020	EUM
38	85	AK-0022551	III(b)	Anchorage - AWWU	King St Back Up Power Upgrades■	Installation of backup power to the King Street O&M Main Building Headquarters, and to the existing King Street Warm Storage Building.	\$465,800	1.5%	20			5/2/2017	6/6/2020	EUM
39	75	AK-0022551	III(b)	Anchorage - AWWU	King Street Warm Storage Bldg Upgrades■	Development of a new low cost stand alone building to house existing equipment, new equipment including SS trunk cleaning equipment, and future equipment.	\$3,288,000	1.5%	20			5/1/2017	6/4/2020	EUM
40	70	AK-0021555	III(b)	City of Kodiak◆	WWTP Phase I Condition & Process Assessment	Complete a condition and process assessment of the entire WWTP, two major Lift Stations and associated force mains, with a focus on identifying potential energy efficiency improvements.	\$600,000	1.5%	20			10/16/2017	9/1/2020	Planning
Total Requested Amount (Planning List)							\$80,342,774	Total GPR (Planning List)		\$17,995,774				
GRAND TOTAL REQUESTED AMOUNT (Priority + Planning Lists)							\$108,720,268	GRAND TOTAL GPR (Priority+Planning)		\$21,644,874				

- ◆ Disadvantaged Community (criteria may be referenced on page 10 of IUP)
- Equivalency Project (criteria may be referenced on page 13 of IUP)
- Extra 50 points for "ready to go projects," approved construction by February 21, 2017
- ▲ Project added during solicitation for amended IUP

¹ Total subsidy funding for the Ketchikan - Schoenbar Road Sewer Mains Replacement Phases 1 and 2 project is limited to \$500,000. Total subsidy funding for Nome - NJUS Sclaircore Replacement, Phase III is limited to available funding.

² Full funding of the Anchorage - AWWU - Mills Drive Sewer Upgrade 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.

³ Total available loan and subsidy (as principle forgiveness) funding amounts under this amended IUP are \$33,879,842 and \$797,700, respectively and are split on a ratio of 80/20 between Point Source Priority List (\$27,103,873 & \$638,160 of subsidy)

⁴ Criteria for being eligible for a loan subsidy may be referenced on page 10 under the narrative section of the IUP.

⁵ Green Project Reserve Category Type: GIF - Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Funding for Green projects is based on meeting a minimal required amount of \$797,000 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

⁶ Sustainability Policy - "Fix it First" - fix existing critical infrastructure; "EUM" - Effective Utility Management to 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
Non-Point Source Funding Priority & Planning List - Amended
Fiscal Year 2018**

Rank	Score	Community	Project Title	Project Description	How this project implements Alaska's Nonpoint Source Strategy:	Requested Assistance Amount ¹	Subsidy ²	Green Project Amount ³	Green Project Type ³	Finance Charge Rate	Term (Yrs)	Estimated Binding Commitment
1	190	Whittier ♦	Whittier Small Boat Harbor Upgrade	Replace deteriorating dock structures in the Small Boat Harbor.	The EPA approved Alaska Strategy identifies as a priority under Roads, Highways, and Bridges (RHB-1) "Work with local communities and agencies to incorporate pollution prevention procedures into road operation and maintenance, and design/ construct structures to minimize environmental impact."	\$1,805,000	\$159,540		WTR	1.5%	20	7/1/2017
2	180	Cordova ♦	Piling Replacement & Waste Handling	Replace approximately 180 creosote pilings in the South Harbor that are 35 years old and install a marine sewage pump out station.	The EPA approved Alaska Strategy identifies as a priority under Harbors and Marinas Action Plan (HM-5) "For harbors, marinas and other areas where fish waste or sanitation is an issue, work to improve fish waste disposal or install sewage pump outs," and Roads, Highways, and Bridges (RHB-1) "Work with local communities and agencies to incorporate pollution prevention procedures into road operation and maintenance, and design/ construct structures to minimize environmental impact."	\$4,033,000		\$365,000	EIN	1.5%	20	7/1/2017
3	175	Cordova ⁴ ♦	Storm Water Improvements	Install a storm drain and connect up to 13 buildings to eliminate stormwater runoff, as well as address inadequate storm drain systems in five additional areas.	The EPA approved Alaska Strategy identifies as a priority under Urban and Community Action Plan (UR-A1) "Support local entities in their actions to develop and implement controls for non-point source pollution resulting from both stormwater and on-site systems. Actions may include, but not be limited to: ordinance development, construction of engineering controls, enforcement of existing controls, and construction of low impact development (LID) facilities, and regulation of on-site sewage."	\$3,176,740		\$144,300	GIF	1.5%	20	7/1/2017
4	175	Homer	Storm Water Master Plan ▲	Update the outdated existing master plan to more effectively plan needed storm water infrastructure including sedimentation and detention structures, snow storage facilities and water quality improvements.	The EPA approved Alaska Strategy identifies as a priority under Urban and Community Action Plan (UR-A1) "Support local entities in their actions to develop and implement controls for non-point source pollution resulting from both stormwater and on-site systems. Actions may include, but not be limited to: ordinance development, construction of engineering controls, enforcement of existing controls, and construction of low impact development (LID) facilities, and regulation of on-site sewage."	\$340,000				1.5%	20	

♦ Disadvantaged Community

▲ Project added during solicitation for amended IUP

Total Requested Amount: **\$9,354,740** Total Amount Available: **\$6,775,968**

Total Subsidy: **\$159,540**

Total Green Amount: **\$509,300**

¹ Total available loan and subsidy (as principle forgiveness) funding amounts under this amended IUP are \$33,879,842 and \$797,700, respectively and are split on a ratio of 80/20 between Point Source Priority List (\$27,103,873 & \$638,160 of subsidy) and Non-Point Source Priority List (\$6,775,968 & \$159,540 of subsidy) projects.

² Subsidy eligibility criteria and allocation methods are described on page 10 of the IUP.

³ Green Project Reserve Category Type: GIF - Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Funding for Green projects is based on meeting a minimal required amount of \$797,000 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

⁴ Full funding of the Cordova Storm Water Improvements will be dependent upon remaining available loan funds. The Department will negotiate with Cordova to provide additional funds as they become available later in the year.