Alaska Clean Water Fund - State Fiscal Year 2020 (SFY20) Project Priority List - 4th Quarter

Note: Available funding for SFY20 projects is $70,368,467.
(1) Subsidy is subject to change depending on the readiness of projects to proceed. Subsidy listed in this table is shown based on the year when allocated: SFY19 or SFY20.
(2) Loan terms will be finalized when a loan agreement is offered. The finance rate will be based on a calculation identified in Alaska Administrative Code (18 AAC 76).
(3) Individual Pro Fi projects are reviewed and assigned a weighted score based on the total project cost. The overall score for the Pro Fi questionnaire is the sum of weighed scores for all of the Pro Fi projects.

Rank	Score	APDES Permit Number	Clean Water Needs Category	Applicant	Project Name and Description	Requested Loan Amount	Estimated Subsidy[1] (SFY19)	Estimated Subsidy[1] (SFY20)	Disadvantaged Community	Requested Loan Term[2] (years)	Green Project Amount (Type)	Sustainability Policy	Estimated Construction Start	Quarter Added to PPL
POINT SOURCE PROJECT QUESTIONNAIRES														
1	645	AKG573004	I	**Dillingham**	**Wastewater System Upgrades** - Construct an aeration system to replace the existing damaged aeration system and ensure that the discharge meets water quality standards and permit requirements. This project will also construct a separate septage pond to manage winter loadings from occasional household	$670,000		$335,000	X	20 to 30		Fix It First	5/1/2019	SFY19 -Q3
2	645	2003-DB0096	III-B	**Sand Point**	**Sewer Upgrade** - Replace two lift stations that are at the end of their serviceable life. This will eliminate the need to manually pump out wastewater on a near daily basis. The lid on the settling tank will also be replaced.	$1,050,680		$500,000	X	5 to 20		Fix It First	7/1/2019	SFY19-Q3
3	595	AK0021385	III-B	**Haines Borough**	**Wastewater Influent and Lift Station Pump Upgrade** - Design of the wastewater treatment plant influent and 1-mile lift station upgrade, and design and construction of improvements for wastewater lift stations at Beach Road and Skyline Drive.	$579,867		$289,934	X	20	$355,000 (Energy Efficiency)	Fix It First	6/1/2020	SFY20-Q1
4	440	---	III-B	**King Cove**	**Downtown Wastewater System Upgrade** - Replace an existing 50-year-old lift station that has ongoing maintenance and safety issues.	$735,000	$170,000	$197,500	X	20	$690,000 (Energy Efficiency)	Fix It First	7/15/2019	SFY20-Q1
5	415	AKG573010	III-B	**Bristol Bay Borough**	**Naknek Sewer System Improvements Phase II** - Replace three aging wastewater lift stations and extend two sewer force mains.	$12,978,900				20	$10,941,200 (Energy Efficiency)	Fix It First	9/1/2019	SFY20-Q1
6	265	AK0022551	IV-A	**Matanuska-Susitna Borough**	**Landfill Cell Maintenance Equipment, 7 year loan** - Purchase equipment used to compact waste, manage daily facility operations and maintain the facility in support of the containment of leachate to protect the aquifer.	$3,374,000			X	7				SFY19-Q3
7	265	AK0022551	IV-A	**Matanuska-Susitna Borough**	**Landfill Cell Maintenance Equipment, 10 year loan** - Purchase equipment used to compact waste, manage daily facility operations and maintain the facility in support of the containment of leachate to protect the aquifer.	$746,000			X	10				SFY19-Q3
8	214[3]	AK0022551	I, III-A, III-B	**Anchorage AWWU**	**SFY20 Pro Fi Questionnaire** - The applicant has provided a list of eligible projects including planning, design, engineering, and construction activities for wastewater infrastructure projects (see attached list).	$15,000,000		---		20	$450,000 (Energy Efficiency)	Fix It First		SFY20-Q1
					POINT SOURCE SUBTOTAL	***$35,134,447***	***$170,000***	***$1,322,434***						
NONPOINT SOURCE PROJECT QUESTIONNAIRES														
1	160	---	VII	**King Cove**	**Landfill Cell Capping Closure** - Install a partial closure system as required by closure standards for a Class III municipal solid waste landfill found in Alaska Administrative Code (18 AAC 60.390) to stabilize slopes, minimize soil erosion, minimize water infiltration, and protect against the release of hazardous constituents to the	$51,030		$25,515	X	20 to 30				SFY19-Q2
2	150	---	VII	**Cordova**	**Cordova Street Sweeper** - Procurement of a new street sweeper to replace the existing 30-year old equipment.	$275,000			X	5 to 20				SFY20-Q4
3	140	---	VII	**Municipality of Anchorage**	**Anchorage Regional Landfill Cell 9A** - Procurement, construction and construction oversight of Cell 9A project to provide air space for management of municipal solid wastes. The project includes approximately 6 acres of liner including leachate and storm water collection and control systems.	$7,600,000				20 to 30				SFY19-Q4

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					NONPOINT SOURCE SUBTOTAL	***$7,926,030***	***$0***	***$25,515***						
AMENDMENT TO EXISTING LOAN OR QUESTIONNAIRE														
1		AK0022551	III-B	**Anchorage AWWU**	**Pump Station 12 Force Main-Interceptor C Gravity Junction Rehabilitation** - Loan Amendment to increase existing loan amount by $2,584,456. Project scope: Assess and rehabilitate the 45-year-old pump station, force mains, gravity junction box and the receiving 48-inch gravity sewer to meet current standards, enhance operation efficiency and provide continued service.	$2,584,456				20		Fix It First	12/3/2019	SFY20-Q1
2		AK0021474	III-B	**Sitka**	**Channel, Lake, Monastery & Landfill Lift Station Upgrades** - Loan amendment to revise the scope of an existing loan (783361). The change in scope will allow replacement of valves, inefficent pumps, motors and controllers at the Brady Lift Station. No increase in the loan amount is requested. The existing loan amount is $2,154,170.	$0				20	$2,154,170 (Energy Efficiency)	Fix It First	2/3/2020	SFY20-Q2
3		NA	VII	**Dillingham**	**Landfill Groundwater Monitoring Wells** - Loan amendment to increase existing loan request by $96,897. Project scope: Decommission five monitoring wells and install seven new monitoring wells. The existing wells were not properly installed and do not provide representative samples to monitor groundwater quality.	$96,897			X	20		na	9/1/2019	SFY20-Q2
4		AK0021555	I	**Kodiak**	**WWTP Phase II - UV Effluent Disinfection Facility** - Loan amendment to increase exsting loan amount by $5,435,000 (Loan #503021). Project scope: Construct ultraviolet (UV) disinfection system to comply with wastewater discharger permit requirements.	$5,435,000			X	20		Effective Utility Management	1/1/2020	SFY20-Q3
5		AK0021440	III-B	**Ketchikan**	**Schoenbar Road Utilities Replacement (Sewer)** - Loan amendment to increase existing loan amount by $2,125,057 (Loan #481151-S). Project scope: Replace approximately 2,200 feet of aging 8-inch to 12-inch sewer mains and 12 sewer manholes. Failing water mains in the same area will also be replaced under a separate Alaska Drinking Water Fund loan.	$2,125,057			X	20		Fix It First		SFY20-Q3
6		AKG572019	III-B	**Ketchikan Gateway Borough**	**South Tongass Wastewater Main Replacement - Shoup to Forest Park** - Loan amendment to revise the scope of an existing loan (Loan #482021). The project scope will be revised to include the replacement of approximately 500 feet of sewer mains in Forest Park Drive.	$0			X	20		Fix It First		SFY20-Q4
7		AK0021458	III-B	**Petersburg**	**Scow Bay 1 Pump Station Upgrade** - Loan amendment to increase existing loan amount by $194,695. (Loan #685271) due to construction bids exceeding initial estimates. Project scope: Replace undersized pumps and increase inadequate wet well storage capacity with a prperly sized and rated submersible pump station that includes high efficiency pumps and controls.	$194,695			X	20		Fix It First		SFY20-Q4
					LOAN AMENDMENT SUBTOTAL	***$10,436,105***	***$0***	***$0***						
MICRO LOAN QUESTIONNAIRES														
1	420	AKG573035	III-B	**Noorvik**	**Utilidor Replacement Phase 2** - Replace approximately 300 linear feet of aboveground water and sewer utilidor. This project will include installing new aluminum rectangle utilidor insulation and adjustable supports.	$75,000		$52,500	X	< 5 years	---	Fix It First		SFY20-Q1
2	415	---	III-B	**Kotlik**	**Sewer Connections** - Renovate five sewer service connections by removing the arctic boxes and installing flexible service connections. Install a circulating pump and a through wall shut-off valve at each home.	$75,000		$37,500	X	< 5 years	---	Fix It First		SFY20-Q1
					MICRO LOAN SUBTOTAL	***$150,000***	***$0***	***$90,000***						
					TOTAL FUNDING REQUESTED (ALL CATEGORIES)	**$53,646,582**	**$170,000**	**$1,437,949**						

Alaska Clean Water Fund - State Fiscal Year 2020 (SFY20)
Programmatic Financing (Pro Fi) Projects

Applicant: Anchorage Water and Wastewater Utility
Loan Request: $15,000,000
Loan Term: 20 years

The Pro Fi questionnaire includes the following improvements included in AWWU's capital improvement plans for the wastewater utility.

Number	Project Name	Description
C-20-01	Farm Ave Sewer Rehab	Replace 1,100 feet of gravity sewer with larger-diameter pipe to accommodate pump station flow and future development upstream. The existing 8" ductile iron pipe was installed in 1983.
C-20-02	Pump Station 52 Improvements	Evaluate, provide recommendations, and prepare construction documents for constructing improvements to pump station.
C-20-03	West 8th, N-P Sewer	Rehabilitate sewer main in downtown Anchorage.
C-20-04	M Street Sewer	Rehabilitate sewer main in downtown Anchorage.
C-20-05	West 2nd Ave Sewer	Rehabilitate sewer main in downtown Anchorage.
C-20-06	D & E Street Sewer	Rehabilitate sewer main in downtown Anchorage.
C-20-07	H & I Street Sewer	Rehabilitate sewer main in downtown Anchorage.
C-20-08	C & D Street Sewer	Rehabilitate sewer main in downtown Anchorage.
C-20-09	5th-6th Ave Cordova-C Upgrade Sewer	Rehabilitate sewer main in downtown Anchorage.
C-20-10	Flower Park Glenn 4th Upgrade Sewer	Rehabilitate over 1,900 linear feet of 8-inch sewer pipe with multiple deficiencies including fractures, cracks, offsets, and joint separations.
C-20-11	D-2-4 Trunk Improvements	Abandon in place approximately 1,100 feet of sewer main and add approximately 1,670 feet of new sewer main with a new alignment. In addition, provide access for maintenance vehicles to manholes along Chester Creek.
C-20-12	King Street Backup Power Upgrade	Provide backup power to existing King Street O&M Main Building Headquarters and the existing King Street Warm Storage Building that houses all the critical equipment that the AWWU O&M Division utilizes to maintain and operate the water and sewer infrastructure during planned activities as well as emergency response activities.
C-20-13	King Street Septage Receiving Station	Upgrade existing Septage Receiving Station with pretreatment equipment and increase user access. The pretreatment equipment will prevent sanitary sewer overflows in the collection system.
C-20-14	King Street Warm Vehicle Storage	Develop a new low cost stand alone building to house equipment, necessary to operate and maintain the AWWU water and sewer infrastructure. Operations include planned maintenance as well as emergency maintenance in events such as sanitary sewer overflows, water and sewer main breaks, etc.
C-20-15	King Street Main Building Upgrade	This project proposes various improvements to AWWU's King Street O&M Facility Administrative Building. Improvements include expanding and remodeling interior spaces and systems, and enclosing covered areas to increase the capacity, productivity, and efficiency of AWWU's support maintenance group.
C-20-16	Asplund Wastewater Treatment Facility Storage	Construct additional warm storage for equipment, materials and sodium hypochlorite. This project is associated with the AWWTF disinfection process.
C-20-17	Asplund Wastewater Treatment Facility Scum Lines	Construct improvements to the scum handling system from the clarifiers to the incinerator including piping, pumps, heating, insulation, and controls.
C-20-18	W 72nd Ave Trunk Rehab	Either line with cured-in-place pipe or directly replace a 15-inch corrugated metal pipe sewer trunk that has failed as a result of corrosion.
C-20-19	Mills Drive Sewer Rehab	Replace/rehabilitate AC sewer main and rehabilitate and realign at least one manhole in a state of failure to reduce sanitary sewer overflows and groundwater infiltration and inflow.
C-20-21	Girdwood Infiltration and Inflow (I&I) MH Ph IX	The Girdwood I & I project is an ongoing program to reduce groundwater infiltration by replacing leaking sewer services and lining existing sewer lines with a cured in place pipe (CIPP) identified through closed circuit television (CCTV) inspection and other means.
C-20-22	Asplund Wastewater Treatment Facility Combined Heat and Power Conversion	Investigate, design and construction of a combined heat and power system at the Asplund Wastewater Treatment Facility.
C-20-23	Asplund Wastewater Treatment Facility Disinfection Safety Improvements	Upgrade or rehabilitate process equipment associated with Asplund Wastewater Treatment Facility disinfection system for safety or functionality.
C-20-24	Asplund Wastewater Treatment Facility Raw Sludge Pumps Replacement	Replace the existing raw sludge pumps at Asplund Wastewater Treatment Facility that are at the end of their useful life and experience frequent maintenance issues.
C-20-25	Pump Station 2 Rehabilitation	Replace high voltage electrical system, aging and corroding piping, valves, control systems, and various site improvements within Pump Station 2. These improvements will help increase safety, reduce the risk of sanitary sewer overflows, emergency repairs, service interruptions and operation and maintenance costs.
C-20-26	King Street Campus Expansion	The expansion project will involve acquisition of approximately 6.86 acres of land adjacent to the existing King Street facility, the headquarters for AWWU's operations and maintenance activities. In addition to land acquisition, site improvements will include clearing, grading, backfilling, and fencing the property. In addition to the site improvement work, the Municipality of Anchorage requires AWWU to complete paved roadway improvements and water main extension within 94th Avenue from Gambell Street to the proposed land acquisition. Completion of this land purchase will allow the space required for needed expansion of operations including the construction of the warm storage facility and other needed improvements identified in the King Street Facility Plan.
C-20-27	King Street Fuel Storage Improvements	The existing fuel storage and dispensing system will be relocated to make room for other site improvements at the King Street facility, AWWU's headquarters for operations and maintenance activities. This project will also streamline the traffic pattern within the King Street facility.
C-20-28	Pump Station 58 Improvements	The purpose of this project is to upgrade Pump Station 58 to meet current and future demands as well as address maintenance issues.
C-20-29	Wastewater Master Plan	Update the Wastewater Master Plan used to guide system upgrades and expansions.
C-20-30	Asplund Wastewater Treatment Compressed Process Air System Rehabilitation	Design and install a new compressed process air system to replace components that are beyond their useful life, significantly decrease or eliminate repairs, and increase the capacity to provide adequate compressed air to the process equipment.