

## Alaska Clean Water Fund - State Fiscal Year 2021 (SFY21) Project Priority List - 4th Quarter

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Rank	Score	APDES Permit Number	Clean Water Needs Category	Applicant	Project Name and Description	Requested Loan Amount	Estimated Subsidy <sup>(1)</sup> (SFY20)	Estimated Subsidy <sup>(1)</sup> (SFY21)	Disadvantaged Community	Requested Loan Term <sup>(2)</sup> (years)	Green Project Amount (Type)	Sustainability Policy	Estimated Construction Start	Quarter Added to PPL
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### POINT SOURCE PROJECT QUESTIONNAIRES

1	655	----	I	Mile 8 Utilities, LLC	<b>Leachfield Design and Construction</b> - Design and construct an aerated leachfield to eliminate point source discharge into an anadromous stream. Rehabilitate pretreatment works to ensure leachfield longevity.	\$297,275		\$148,863	X	20 to 30		Fix It First	6/1/2020	SFY21-Q1
2	605	AK0022497	I	Palmer	<b>Wastewater Treatment Plant Facility Upgrades</b> - Update the design and construct two new secondary clarifiers and associated processes including a flow splitter, scum pump station, and a waste activated sludge vault/pump station. Additional work for upgrades will include demolition, modifications to the existing lagoons, piping upgrades, new equipment installation, and subsidiary incidental work.	\$8,052,000			X	20 to 30		---	5/3/2021	SFY21-Q3
3	340	AK0020010	III-A	Skagway	<b>State Street Sanitary Sewer &amp; Water Upgrade, Phase II</b> - Replacement of sewer mains and cleanouts, new sanitary sewer and water service connections, temporary asphalt pavement and concrete curb, gutter and sidewalk patches along State Street from 12th Street to Main Street.	\$3,003,331			X	20 to 30		Fix It First	4/1/2021	SFY21-Q4
4	315	AK0021385	I	Haines Borough	<b>Wastewater Treatment Plant Phase 4 Electrical Upgrades</b> - Replace and upgrade the electrical system in the wastewater treatment plant.	\$1,000,000		\$500,000	X	20 to 30	\$330,800 (Energy Efficiency)	Fix It First	8/1/2020	SFY21-Q1
5	295	AK0023451	I	Fairbanks	<b>Golden Heart Utilities Wastewater Treatment Facility Water Main Installation and Process Water Piping Replacement</b> - Construct a new 10-inch water main to the Wastewater Treatment Facility and replace the failing process water system within the facility.	\$1,450,656		\$500,000	X	5 to 20	TBD (Energy Efficiency)	Fix It First	6/1/2020	SFY21-Q1
6	280	AK0021555	III-B	Kodiak	<b>Aleutian Homes Phase VII Wastewater Main Replacement</b> - Replace 65-year old asbestos concrete wastewater collection system.	\$2,600,000			X	20 to 30		Fix It First	5/11/2021	SFY21-Q3
7	270	AK0021555	I	Kodiak	<b>Wastewater Treatment Plant Supervisory Control and Data Acquisition System (SCADA) Replacement</b> - Upgrade the wastewater treatment control system that has reached the end of its useful life.	\$1,000,000		\$500,000	X	5 to 20		Fix It First	7/1/2020	SFY21-Q1
8	203 <sup>(3)</sup>	AK0022551	I, III-A, III-B	Anchorage AWWU	<b>SFY21 Pro Fi Loan</b> - 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	\$2,650,000 (Energy Efficiency)	Fix It First		SFY21-Q1
9	130	AK0021385	I	Haines Borough	<b>Wastewater Treatment Plant Phase 3 Filter Press Rebuild</b> - Rebuild the current sludge press and purchase a new skid steer for moving sludge at the plant.	\$265,000			X	20 to 30		Fix It First	4/1/2021	SFY21-Q3
10	65	AK0021555	III-A	Kodiak	<b>Infiltration and Inflow (I&amp;I) Assessment and Reduction</b> - Flow monitoring, flow data analysis and identification of areas with high I&I through closed-circuit television inspections and manhole inspections. Design only loan request.	\$165,000			X	20 to 30			6/1/2020	SFY21-Q1
11	60	AK0021555	III-B	Kodiak	<b>Lift Station 5 and Force Main Replacement</b> - Prepare designs to replace the City's largest lift station that is 50 years old and has reached the end of its useful life. Design only loan request.	\$350,000			X	20 to 30			2/1/2021	SFY21-Q1
12	35	AK0020010	IV-A	Skagway	<b>Klondike Highway Sanitary Sewer Extension</b> - Extend sanitary sewer to an unserved area.	\$3,948,700			X	20 to 30			4/1/2021	SFY21-Q1
<b>POINT SOURCE SUBTOTAL</b>						<b>\$37,131,962</b>	<b>\$0</b>	<b>\$1,648,863</b>			<b>\$2,980,800</b>			

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### NONPOINT SOURCE PROJECT QUESTIONNAIRES

1	150	---	VII	Cordova	<b>Cordova Street Sweeper</b> - Procurement of a new street sweeper to replace the existing 30-year old equipment.	\$275,000		\$137,500	X	5 to 20				SFY20-Q4
2	100	---	VII	Cordova	<b>Mile 17 Landfill Equipment</b> - Purchase equipment improve stormwater management at the Mile 17 landfill. By removing snow accumulation and effectively compacting trash, the amount of stormwater penetration and the amount of leachate is reduced.	\$1,120,000		\$500,000	X	20 to 30				SFY21-Q1
3	10	---	VII	Matanuska Susitna Borough	<b>Landfill Gas Collection System</b> - Install vertical wells in two closed cells to extract gas that will be burned with a flare. Proper management of the landfill reduces leachate quality issues.	\$2,420,000			X	5 to 20				SFY21-Q2
<b>NONPOINT SOURCE SUBTOTAL</b>						<b>\$3,815,000</b>	<b>\$0</b>	<b>\$637,500</b>						

### AMENDMENT TO EXISTING LOAN OR QUESTIONNAIRE

		AK0021440	III-B	Ketchikan	<b>Schoenbar Road Utilities Replacement (Sewer)</b> - 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
		Pending	I	Matanuska Susitna Borough	<b>Matsu Septage and Leachate Treatment Facility</b> - Loan amendment to increase existing loan amount by \$1,000,000 (Loan #561041) and amend project scope as follows: Design a new energy efficient septage and leachate facility to minimize septage and leachate costs and environmental impacts in the Matanuska-Susitna Valley. Additionally, this project will install a landfill leachate treatment facility.	\$1,000,000			X	20		Effective Utility Management		SFY21-Q1
<b>LOAN AMENDMENT SUBTOTAL</b>						<b>\$3,125,057</b>	<b>\$0</b>	<b>\$0</b>						

### MICRO LOAN QUESTIONNAIRES

1	475	AK2250053	III-B	Unalakleet	<b>Covenant Lift Station Rehabilitation and Septic Pumper Purchase</b> - The purpose of this project is to rehabilitate a 45 year old lift station subject to freezing issues and sewage backups. Rehabilitation will include replacement of the heating and ventilation systems, overhead crane, safety grating, and electrical systems. A new septic pumper truck will also be purchased.	\$488,620		\$342,034	X	20 years	---	Fix It First		SFY20-Q2
2	420	AKG573035	III-B	Noorvik	<b>Utilidor Replacement Phase 2</b> - 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
3	415	---	III-B	Kotlik	<b>Sewer Connections</b> - 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
<b>MICRO LOAN SUBTOTAL</b>						<b>\$638,620</b>	<b>\$90,000</b>	<b>\$342,034</b>						
<b>TOTAL FUNDING REQUESTED (ALL CATEGORIES)</b>						<b>\$44,710,639</b>	<b>\$90,000</b>	<b>\$2,628,397</b>						

**Alaska Clean Water Fund - State Fiscal Year 2021 (SFY21)  
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-19-05b	King Street Septage Receiving Station	Design and construct upgrades to existing Septage Receiving Station with pretreatment equipment and increase user access. The pretreatment equipment will prevent collection system from having sanitary sewer overflows.
C-19-05c	King Street Warm Vehicle Storage	Design and construct a storage building to house equipment, necessary to operate and maintain the AWWU water and sewer infrastructure.
C-19-05e	King Street Main Building Upgrade	Design and construct 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-19-07	Flower Park Glenn 4th Sewer Upgrade	Rehabilitate over 1,900 linear feet of 8-inch sewer pipe with multiple deficiencies including fractures, cracks, offsets and joint separations.
C-19-08	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-19-09	Pump Station 52 Improvements	Design and construct improvements to the pump station including, but not limited to, new wet well, dry valve vault, two pumps, check valves, pump controls, stand-by generator, and electrical upgrades.
C-19-10	AWWTF Storage	Design and construct additional warm storage for equipment, materials and sodium hypochlorite.
C-19-13	AWWTF Combined Heat and Power Conversion	Design and construct a combined heat and power system for the wastewater treatment facility.
C-19-14	AWWTF Raw Sludge Pumps	Design and replace the existing raw sludge pumps at the wastewater treatment facility.
C-20-03	Pump Station 2 Rehabilitation	Replace high voltage electrical system, aging and corroding piping, valves, control systems, and various site improvements for Pump Station 2.
C-20-04	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-20-05	King Street Fuel Storage Improvements	Relocate the existing fuel storage and dispensing system. This project will also streamline the traffic pattern within the facility.
C-20-07	Wastewater Master Plan	Update the Wastewater Master Plan used to guide system upgrades and expansion.
C-20-08	AWWTF Compressed Process Air System Rehabilitation	Design and install improvements to the compressed air system to replace components beyond their useful life.
C-21-01	Pump Station 7 Rehabilitation	Rehabilitate the pump station including: communications, HVAC, influent and discharge piping, as well as various safety provisions for operation and maintenance of the pump station, and wet well rehabilitation.
C-21-02	Pump Station 32 Rehabilitation	Rehabilitate the pump station including: communications, influent and discharge piping, as well as various safety provisions for operation and maintenance of the pump station, and wet well rehabilitation.
C-21-03	Downtown Sewer Rehabilitation Phase III (projects listed below)	
	Downtown Sewer Phase III, West 8th, N-P Street	Rehabilitate sewer main in downtown Anchorage.
	Downtown Sewer Phase III, M Street	Rehabilitate sewer main in downtown Anchorage.
	Downtown Sewer Phase III, West 2nd Avenue	Rehabilitate sewer main in downtown Anchorage.
	Downtown Sewer Phase III, D&E Street	Rehabilitate sewer main in downtown Anchorage.
	Downtown Sewer Phase III, H&I Street	Rehabilitate sewer main in downtown Anchorage.
	Downtown Sewer Phase III, C&D Street	Rehabilitate sewer main in downtown Anchorage.
C-21-04	Pump Station 12 Force Main Interceptor C - Gravity Junction Rehab	Assess and rehabilitate Pump Station 12, force mains, gravity junction box, and the receiving 48-inch gravity sewer. The culverts that support the force mains for the Campbell Creek crossing will also be assessed and rehabilitated as part of the project.
C-21-05	Turpin Septage Receiving Station	Assess and rehabilitate the Turpin Septage Receiving Station.
C-21-06	W 72nd Ave Trunk Rehab	A 15-inch corrugated metal pipe sewer trunk is failing due to corrosion. This project will either line with cured-in-place pipe or directly replace the failing pipe.
C-21-07	Eagle River Wastewater Treatment (ERWTF) Facility Plan	Update and replace the prior facility plan with consideration of current and future use, discharge permit compliance, population projections, and other utility initiatives.