

## Alaska Clean Water Fund - State Fiscal Year (SFY) 2019 Point Source Project Priority List (PPL) - 2nd Quarter Update

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Rank	Score	APDES Permit Number	Point Source / Nonpoint Source	Clean Water Needs Category	Applicant	Project Name and Description	Requested Loan Amount	Additional Subsidy (1)	Disadvantaged Community	Distressed Community	Requested Loan Term (years) (2)	Green Project Amount / Type	Sustainability Policy	Estimated Construction Start	Quarter Added to PPL
1	660	AK-0022497	PS	I	Palmer	<b>Wastewater Treatment Facility Upgrades</b> - Install two water clarifiers to the new moving bed biofilm reactor wastewater treatment system currently being installed at the City of Palmer WWTP. The clarifiers will allow the City to fully meet US EPA Consent Decree requirements.	\$8,052,000	\$600,000	X		20 to 30		Fix It First	05/15/2019	Q1
2	640	AK-0047856	PS	I	Anchorage - AWWU	<b>GWTF Upgrades Phase II</b> - Design and construct a new Girdwood Wastewater Treatment Facility including a building, yard piping, process equipment, electrical, mechanical and SCADA.	\$15,800,000				5 to 20		Fix It First	10/10/2019	Q1
3	575	2007 DB003	PS	III-B, III-A	Nome Joint Utility System	<b>Bering Street Sewer System Replacement</b> - Replace leaking 33-year-old "Scalcore" direct bury (and joint trench) sewer collection piping in coordination with an Alaska Department of Transportation & Public Facilities project. Water distribution pipes will also be replaced; a separate DWSRF application has been submitted.	\$2,086,937	\$600,000	X		5 to 20	\$2,086,937 (Energy Efficiency)	Fix It First	06/01/2020	Q1
4	520	AK-0022551	PS	III-B	Anchorage - AWWU	<b>D-2-4 Trunk Improvements</b> - 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.	\$2,367,000				5 to 20		Fix It First	07/17/2018	Q1
5	410	AK-0022551	PS	III-B	Anchorage - AWWU	<b>Pawn Place Sewer Upgrade</b> - Removal and replacement of an existing manhole and associated work, cured in place pipe (CIPP) lining of approximately 227 feet of 8-inch asbestos concrete pipe, 2 robotic sewer service reinstatements, sewer flow control, access road installation and removal, clearing and grubbing, landscaping, and paving.	\$263,000				5 to 20		Fix It First	07/30/2018	Q1
6	410	AK-0044334	PS	III-B	King Cove	<b>Downtown Wastewater System Upgrade</b> - Replace an existing 50-year-old lift station that has ongoing maintenance and safety issues.	\$1,100,000				20 to 30		Fix It First	5/5/2019	Q2
7	400	AK-0022551	PS	III-B	Anchorage - AWWU	<b>Seppala Drive W 30th Ave Northern Lights Boulevard Sanitary Sewer Main Reconstruction</b> - Reconstruct approximately 360 linear feet of old CWS sanitary sewer main flowing north from Turnagain Elementary School to Northern Lights Blvd.	\$533,000				5 to 20		Fix It First	05/01/2018	Q1
8	390	AK-0022551	PS	III-B	Anchorage - AWWU	<b>Nathan Circle Sewer Upgrade</b> - Remove and replace several sections of 8 and 10-inch sewer pipe with reverse grade and/or bellies.	\$615,000				5 to 20		Fix It First	09/10/2018	Q1
9	380	AK-0022551	PS	III-B	Anchorage - AWWU	<b>Downtown Sewer Rehabilitation</b> - Rehabilitate over 2,000 linear feet of sewer main in downtown Anchorage within 8th Avenue, West 2nd, Avenue C, D, E, H, I and M streets.	\$1,732,382				5 to 20		Fix It First	10/22/2018	Q1

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10	325	AK-0022551	PS	I	Anchorage - AWWU	<b>AWWTF Scum Pump &amp; Inline Grinder Rehabilitation</b> - Improve the scum handling system from the clarifiers to the incinerator by replacing piping, pumps, heating, insulation and controls.	\$1,953,000				5 to 20		Fix It First	06/01/2019	Q1
11	315	AK-0022551	PS	III-B	Anchorage - AWWU	<b>Pump Station (PS) 52 Improvements</b> - Evaluate, provide recommendations, and prepare construction documents for improvements to address continued expansion of the basin this pump station serves.	\$1,705,000				5 to 20	\$118,200 (Energy Efficiency)	Fix It First	05/04/2018	Q1
12	300	AK-0022551	PS	III-B	Anchorage - AWWU	<b>Turpin Street Septage Receiving Station</b> - Upgrade the existing septage receiving station to efficiently accept leachate and to serve as a long-term backup facility to King Street.	\$1,308,000				5 to 20		Fix It First	6/1/2018	Q1
13	290	AK-0022551	PS	III-B	Anchorage - AWWU	<b>1st Avenue A-F Streets Sewer Rehabilitation</b> - Upgrade existing sewer pipe that may be in poor shape or collapsed and susceptible to blockages to prevent sanitary sewer overflows.	\$892,000				5 to 20		Fix It First	05/01/2018	Q1
14	290	AK-0022551	PS	III-B	Anchorage - AWWU	<b>AWWTF General Civil Improvements to Support Concrete Inspection</b> - Rehabilitate asphalt and concrete surfaces, site perimeter fencing/gate repairs, and additional signage at the Asplund Wastewater Treatment Facility.	\$895,000				5 to 20		Fix It First	06/01/2018	Q1
15	290	AK-0022551	PS	III-B	Anchorage - AWWU	<b>Farm Avenue Sewer Rehabilitation</b> - Replace 1,100 feet of 8-inch ductile iron gravity sewer with larger diameter pipe to accommodate pump station flow.	\$2,515,000				5 to 20		Fix It First	05/15/2018	Q1
16	290	AK-0022551	PS	III-B	Anchorage - AWWU	<b>Flower Park Glenn 4th Rehabilitation</b> - Rehabilitate approximately 1,900 linear feet of 8-inch sewer pipe with multiple deficiencies including fractures, cracks, offsets and joint separations.	\$1,549,000				5 to 20		Fix It First	05/01/2018	Q1
17	290	AK-0022551	PS	III-B	Anchorage - AWWU	<b>Pump Station (PS) 12 Force Main Rehabilitation</b> - Assess and rehabilitate the 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. The dual culverts located where the force mains cross Campbell Creek will also be assessed and rehabilitated as part of the project.	\$1,282,000				5 to 20		Fix It First	08/01/2018	Q1
18	270	0125DB002	PS	III-B	Chevak	<b>Helical Piles Replacement (Sewer)</b> - Install two helical piles per sewer main support. Approximately 50 supports shall be installed.	\$33,675	\$26,940	X	X	< 5		Fix It First	07/01/2018	Q1
19	270	AKG-573035	PS	III-B	Noorvik	<b>Utilidor Replacement (Sewer)</b> - Replace existing damaged utilidor with new aluminum utilidor. Replace existing sewer piping as needed. New insulation shall be installed within the utilidor. Utilidor will be reveleled on-site.	\$29,275	\$23,420	X	X	< 5		Fix It First	07/01/2018	Q1

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20	265	AKG-570097	PS	III-B	Savoonga	<b>Helical Piles Replacement (Sewer)</b> - Install two helical piles per sewer main support. A total of 75 supports shall be installed.	\$37,463	\$29,970	X	X	< 5		Fix It First		Q1	
21	180	AK-0022551	PS	III-B	Anchorage - AWWU	<b>N Hoyt &amp; Bunn Alley Sewer Rehabilitation</b> - Rehabilitate approximately 664 linear feet of existing sanitary sewer main and 24 sanitary sewer services within the right-of-way. The sewer main has known structural deficiencies that could cause backups or overflows.	\$495,000				5 to 20		Fix It First	4/30/2019	Q2	
22	165	AK-0022551	PS	III-B	Anchorage - AWWU	<b>AWWTF Storage Construction</b> - Construct additional warm storage for equipment, materials and sodium hypochlorite at the Asplund Wastewater Treatment Facility.	\$1,918,000				5 to 20		Fix It First	09/24/2018	Q1	
23	105	2007 DB003	PS	III-B	Nome Joint Utility System	<b>USDA Wastewater Loan Refinance</b> - Refinance three wastewater loans with the USDA for facilities that were constructed and are now in operation.	\$588,480		X		5 to 20		Fix It First	06/30/2018	Q1	
24	80	AK-0022551	PS	I, III-B	Anchorage - AWWU	<b>AWWTF Grit Facility ,Reroof, Energy Upgrade, Disinfection Safety and Clarifiers</b> - Originally submitted as a grit facility improvement project in SFY17, the proposed scope has been expanded to include multiple facility improvements including replacement of isolation gates, blower piping modifications, installation of a grit pump, and replacement of gydrogritters.	\$7,713,000				20 tp 30		na	06/30/2018	Q2	
25	75	AK-0022551	PS	I	Anchorage - AWWU	<b>AWWTF Resource Recovery Study</b> - Study feasibility of biosolids energy recovery at the Asplund Wastewater Treatment Facility. This project may also include preliminary design activities.	\$5,201,000				5 to 20		Fix It First	06/01/2020	Q1	
26	75	AK-0022551	PS	III-B	Anchorage - AWWU	<b>King Street Improvements</b> - AWWU is conducting a facility plan for the King Street Facility, the primary operations center for wastewater collections system maintenance. The proposed improvements include installation of backup power as well as improvements to various buildings located at the site.	\$11,409,935				5 to 20		Fix It First	04/01/2020	Q1	
27	65	AK-0022543	PS	I	Anchorage - AWWU	<b>ERWWTF Sludge Dewatering Replacement</b> - Replace two 25-year-old gravity belt thickeners. Recurring component failures include issues with gear boxes, DC motors, corroded wiring, controls systems and circuit boards as well as failures with support systems (polymer system & TWAS pumping for both units).	\$300,000				5 to 20		Fix It First	01/09/2019	Q1	
<b>TOTAL FOR PROJECTS IN SHADED CELLS</b>							<b>\$36,415,319</b>									
<b>TOTAL FOR ALL PROJECTS</b>							<b>\$72,374,147</b>	<b>\$1,280,330</b>					<b>\$2,205,137</b>			

**Alaska Clean Water Fund - State Fiscal Year (SFY) 2019  
Nonpoint Source Project Priority List - 2nd Quarter Update**

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Rank	Score	Community	Project Title	Project Description	Requested Assistance Amount	Additional Subsidy (1)	Green Project Reserve	Green Project Type	Requested Loan Term (Yrs) (2)	Estimated Construction Start	Quarter Added to PPL
1	160	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 environment.	\$51,030		na	na	20	8/30/2018	Q2

**Implementation of Alaska Nonpoint Source Water Pollution Control Strategy Fiscal Years 2016-2020:** The NPS Water Pollution Control Strategy recognizes the potential water quality concerns due to leachate formation at landfills, particularly in areas of high precipitation. King Cove receives 42 inches of rain and 76 inches of snow per year. The Action Plan for urban and community development also supports local entities in their actions to develop and implement NPS pollution controls from stormwater including the construction of engineering controls.

Alaska Clean Water Fund - State Fiscal Year (SFY) 2019  
Existing Loan Amendments - 2nd Quarter Update

Loan #	APDES Permit Number	Clean Water Needs Category	Applicant	Project Name and Description	IUP for original loan request	Original Loan Request	Amended Loan Request	Comments	Quarter Added to PPL
482021	AKG-572028	I, III-B	Ketchikan Gateway Borough	<b>South Tongass Wastewater Main: Shoup to Forest Park</b> - The original scope of work for this project was amended to include proposed WWTP upgrades to be completed in advance of new main construction. Work will include replacement of the treated sludge dewatering system and replacement of deteriorated or obsolete electrical and controls systems.	SFY15	\$2,858,024	\$2,858,024	A loan amendment is proposed to include improvements to the Mountain Point WWTP. No increase in the loan amount has been requested.	Q1
130601	AK-0022543	III-B	Anchorage - AWWU	<b>Pump Station 12 Force Main - Interceptor C Gravity Junction Rehabilitation</b> - 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. The dual culverts located where the force mains cross Campbell Creek will also be assessed and rehabilitated as part of the project. A loan agreement has been issued for the Interceptor C improvements, but construction has not been initiated. The loan agreement will be amended to add the additional scope to improve Pump Station 12 force main under the same construction contract.	SFY17	\$600,000	\$1,882,000	A loan amendment is proposed to include Pump Station 12 Force Main improvements in the loan agreement originally issued for the Interceptor C Gravity Junction Rehabilitation. The Pump Station 12 Force Main project was listed on the SFY19 1st quarter PPL. This loan amendment will increase the loan amount by \$1,282,000.	Q2
130571	AK-0022543	III-B	Anchorage - AWWU	<b>Pump Station 30/31 Force Main and Facility Upgrades</b> - Replace pumps, valves and piping within and adjacent to PS 31. Slipline approximately 7,600 feet of two parallel force mains to PS 30. Modify PS 30 to eliminate redundant piping, replace valves and piping, add safety improvements, and roof improvements.	SFY17	\$1,760,000	\$3,680,000	A loan amendment is proposed to include additional scope of work and increase the loan amount by \$1,920,000.	Q2