

Alaska Clean Water Fund - State Fiscal Year (SFY) 2019 Project Priority List

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1	660	AK-0022497	I	City of Palmer	Wastewater Treatment Facility Upgrades - 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	I	Anchorage - AWWU	GWWTFF Upgrades Phase II - 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	III-B, III-A	Nome Joint Utility System	Bering Street Sewer System Replacement - Replace leaking 33-year-old "Sclaircore" 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	III-B	Anchorage - AWWU	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.	\$2,367,000				5 to 20		Fix It First	07/17/2018	Q1
5	410	AK-0022551	III-B	Anchorage - AWWU	Pawn Place Sewer Upgrade - 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	400	AK-0022551	III-B	Anchorage - AWWU	Seppala Drive W 30th Ave Northern Lights Boulevard Sanitary Sewer Main Reconstruction - 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
7	390	AK-0022551	III-B	Anchorage - AWWU	Nathan Circle Sewer Upgrade - 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

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8	380	AK-0022551	III-B	Anchorage - AWWU	Downtown Sewer Rehabilitation - 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
9	325	AK-0022551	I	Anchorage - AWWU	AWWTF Scum Pump & Inline Grinder Rehabilitation - 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
10	315	AK-0022551	III-B	Anchorage - AWWU	Pump Station (PS) 52 Improvements - 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
11	300	AK-0022551	III-B	Anchorage - AWWU	Turpin Street Septage Receiving Station - 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
12	290	AK-0022551	III-B	Anchorage - AWWU	1st Avenue A-F Streets Sewer Rehabilitation - 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
13	290	AK-0022551	III-B	Anchorage - AWWU	AWWTF General Civil Improvements to Support Concrete Inspection - 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
14	290	AK-0022551	III-B	Anchorage - AWWU	Farm Avenue Sewer Rehabilitation - 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
15	290	AK-0022551	III-B	Anchorage - AWWU	Flower Park Glenn 4th Rehabilitation - 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

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16	290	AK-0022551	III-B	Anchorage - AWWU	Pump Station (PS) 12 Force Main Rehabilitation - 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
17	270	0125DB002	III-B	Chevak	Helical Piles Replacement (Sewer) - 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
18	270	AKG-573035	III-B	Noorvik	Utilidor Replacement (Sewer) - 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 releveled on-site.	\$29,275	\$23,420	X	X	< 5		Fix It First	07/01/2018	Q1
19	265	AKG-570097	III-B	Savoonga	Helical Piles Replacement (Sewer) - 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
20	165	AK-0022551	III-B	Anchorage - AWWU	AWWTF Storage Construction - 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
21	105	2007 DB003	III-B	Nome Joint Utility System	USDA Wastewater Loan Refinance - 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
22	75	AK-0022551		Anchorage - AWWU	AWWTF Resource Recovery Study - 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
23	75	AK-0022551	III-B	Anchorage - AWWU	King Street Improvements - 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

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24	65	AK-0022543	I	Anchorage - AWWU	ERWWTF Sludge Dewatering Replacement - 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
TOTAL FOR PROJECTS IN SHADED CELLS						\$36,415,319								
TOTAL FOR ALL PROJECTS						\$63,066,147	\$1,280,330				\$2,205,137			

AMENDED SCOPE OF WORK

APDES Permit Number	Clean Water Needs Category	Applicant	Project Name and Description
AKG-572028	I, III-B	Ketchikan Gateway Borough	South Tongass Wastewater Main: Shoup to Forest Park ACWF Loan # 482021- 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. No increase to the loan amount is requested.