

**ALASKA CLEAN WATER FUND
Point Source Funding Priority List
Fiscal Year 2015**

Rank	Score	APDES Permit Number	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	655	AK-0021458	I	Seward◆	Lowell Point Lagoon Sludge Removal & Renovation■	Remove accumulated sludge and inspect aeration system, assess pond liner integrity, and make improvements to yard valving. The work will address DEC Notice of Violation on permit conditions.	\$1,200,000	1.50%	20	\$120,000			7/1/2014	9/1/2014●	Improve TFM
2	620	AK-0021431	III(b)	Anchorage	Fish Creek Interceptor Rehab■	Design and construct improvements to the Fish Creek Interceptor that were previously identified through AWWU's Sewer Interceptor Condition Assessment Project.	\$3,000,000	1.50%	20				7/1/2014	4/21/2015	Fix it First
3	615	AKG-572019	IV(a)	Ketchikan Gateway Borough◆ ¹	South Tongass Wastewater Main - Shoup to Forest Park■	Extend the South Tongass Wastewater main from Shoup Street to Forest Park which eliminates ocean outfalls, primary wastewater treatment facilities, and minimize I & I issues removing older systems.	\$2,858,053	1.50%	20	\$244,642	\$1,690,770	EIN-BC	11/1/2014	3/15/2016	Improve TFM
4	595	AK-0021393	I	North Pole◆	Development of Alternative Sewer Outfalls	Conduct an engineering analysis of the Utility's options to develop an alternative sewer outfall or modified treatment technologies. The Utility has lost its mixing zone and is in violation of its discharge permit.	\$500,000	1.50%	20				11/3/2014	N/A	Planning
5	585	2007DB0003	III(b)	Nome◆	Nome Sclaircore Replacement - Ph III	Replace failing sewer main piping along Division Street, King Place, Warren Place and Spokane Street with new direct-bury arctic pipe. Elimination of pipe failure I&I will provide energy savings.	\$3,249,100	1.50%	20		\$324,910	ENG-BC	6/15/2014	5/15/2014●	Fix it First
6	575	AK-G570021	III(b)	Bristol Bay Borough◆	Sewer System Capacity Improvements	Replace/relocate Peter Pan lift station, replace/reroute existing 8-inch force main, SCADA upgrades, capacity upgrades to lift stations 2 and 3 with energy savings equipment, and lagoon cleaning and desludging.	\$2,791,200	1.50%	20		\$279,120	ENG-BC	6/28/2014	9/1/2014●	Fix it First
7	545	AK-0023213	III(b)	Sitka	DeGroff Street Sewer Improvements	Replacement of the existing aging/failing sewer and storm drain systems within DeGroff Street between Sawmill Creek Road and Lake Street. Energy savings in pumping costs with less I&I impact.	\$1,463,700	1.50%	20		\$156,800	ENG-BC	8/30/2014	5/15/2016	Fix it First
8	540	AK-0021440	III(b)	Ketchikan◆	Chatham Avenue Sewer Main Replacement	Install 488-lineal feet of 8" C900 PVC sewer mains, (2) sewer manholes, and (16) services installed to the edge of the right-of-way, in approximately 540 feet of roadway.	\$1,057,013	1.50%	20				7/1/2014	1/1/2015	Fix it First
9	540	AK-0021474	I	Anchorage	Girdwood Wastewater Treatment Facility - Ph II■ ²	This project will include various upgrades to the Girdwood Wastewater Treatment Facility and the expansion of the Girdwood Wastewater Treatment Facility.	\$24,000,000	1.50%	20				7/1/2014	7/25/2016	Fix it First

◆ Disadvantaged Community (criteria may be referenced on page 10)

Total Requested Amount: **\$40,119,066**

■ Equivalency Project (criteria may be referenced on page 9)

Total Subsidized Amount³: **\$ 364,642**

● Extra 50 points for "ready to go projects" or construction by September 15, 2014

Total Equivalency Amount: **\$31,058,053**

Total Green Amount⁵: **\$2,451,600**

¹ Subsidy funding for the Ketchikan Gateway Borough - S. Tongass Wastewater Main - Shoup to Forest Park project is limited to available subsidy funds.

² Full funding of the Anchorage - Girdwood Wastewater Treatment Facility - Ph II project for \$24,000,000 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. Additionally, the project was by-passed to the priority list to meet minimal equivalency requirements.

³ Total available loan and subsidy funding amounts under this amended IUP are \$25,640,844 and \$455,802, respectively and are split on a ratio of 80/20 between Point Source Priority List (\$20,512,675 & \$364,642 of subsidy) and Non-Point Source Priority List (\$5,128,169 & \$91,160 of subsidy) projects. Note, any additional subsidy that is not awarded to Non-Point Source projects will be awarded to Point Source projects or vice-versa if necessary.

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. Green Project Justification Type: BC - Business Case / CAT - Categorical. Funding for Green projects is based on meeting a minimal required amount of \$837,600 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; "Improve TFM" - 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 Priority Planning List
Fiscal Year 2015**

Rank	Score	APDES Permit Number	Category	Community	Project Title	Project Description	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Subsidy ¹	Green Project Amount ²	Green Project Type ²	Estimated Binding Commitment	Estimated Construction Start	Sustainability Policy ³
10	475	AK-0023213	III(b)	Sitka	Cathodic Protection for Six Major Lift Stations	Install impressed current cathodic protection systems on the six (6) largest and most important mainline steel lift station dry wells in the Sitka wastewater collection system.	\$397,000	1.50%	20				9/30/2014	6/1/2014●	Fix it First
11	445	AK-0021431	VII(j)	Anchorage	Landfill Leachate Hauling Equipment	Purchase three(3) tractors for hauling leachate from the landfill collection lagoon to the AWWU Turpin Street Septic Hauler Station. Energy savings with purchase of new higher efficiency equipment.	\$401,100	1.50%	20		\$401,100	ENG-BC	9/30/2014	1/1/2015	Fix it First
12	445	AK-0022951	III(b)	Juneau	Glacier Hwy Sewer Improvements	Replacement of 2,500 ft. of force main along Glacier Highway from Anka St. to Davis Ave. and Gruening Park lift station replacement. Energy savings with installation of high efficiency pumps and controls.	\$1,000,000	1.50%	20		\$100,000	ENG-BC	6/18/2014	10/1/2014	Fix it First
13	415	AK-0021431	I	Anchorage	AWWTF Screen Auto, Headworks HWS, Code Analysis Up■	Rehabilitate the existing influent screens and upgrade the screen automation system and perform a facility code analysis.	\$1,300,000	1.50%	20				7/1/2014	5/1/2015	Fix it First
14	400	AK-0021431	III(b)	Anchorage	Downtown Pipe Replacement■	Rehabilitate or replace existing vitrified clay sewer mains within downtown Anchorage that have been identified as being damaged, loosing serviceability, and in some cases on the verge of collapse.	\$850,000	1.50%	20				1/1/2015	6/1/2015	Fix it First
15	370	AK-0021431	III(b)	Anchorage	Interceptor Rehabilitation■	Rehabilitation and cleaning of the 78/84-inch RCP Interceptor A2 and structural rehabilitation and cleaning of the 36/48-inch Interceptor D/Pine Trunk Component.	\$2,500,000	1.50%	20				7/1/2014	9/1/2014●	Fix it First
16	345	AK-0021431	III(b)	Anchorage	Pump Stations 30 & 31 Rehab■	Decommission Pump Station 30, install additional force main, and upgrade Pump Station 31 to allow for better operation of the collection system including high energy efficient pumps and control systems.	\$470,000	1.50%	20		\$175,000	ENG-BC	7/1/2014	5/1/2015	Fix it First
17	345	AK-0022543	I	Anchorage	ERWWTF Rehab■	Upgrade: headworks area, return activated sludge piping, emergency backup generator; windows and doors; and segmented and outdated fire alarm. High energy efficient windows and doors will be installed.	\$11,500,000	1.50%	20		\$225,000	ENG-BC	7/1/2014	6/1/2015	Fix it First
18	315	AK-0021431	I	Anchorage	AWWTF Gravity Thickener and Clarifiers Rehab■	Design and rehabilitation of aging, corroded elements within the gravity thickeners 2, 3 and 4 and upgrade of four primary clarifiers at the AWWTF.	\$1,500,000	1.50%	20				7/1/2014	5/1/2016	Fix it First
19	305	N/A	I	Mat-Su Borough◆	Septage Treatment Facility	Design & construct a new septage treatment and disposal facility in the palmer-Wasilla area. The design will incorporate an energy budget and LEED certified components.	\$18,165,300	1.50%	20		\$1,108,900	ENG-BC	1/1/2015	1/1/2016	Improve TFM
20	295	AK-0021474	I	Anchorage	GWWTF Outfall■	Evaluate the GWWTF outfall for the effects of mixing and spawning in response to preliminary draft APDES Permit provisions that may result in the loss of a mixing zone.	\$4,000,000	1.50%	20				7/1/2014	6/1/2016	Planning
21	295	AK-0021431	I	Anchorage	Anchorage Regional Landfill Expansion 8B■	Procurement, construction and construction oversight of Cell 8B to provide air space for management of asbestos and inert wastes.	\$4,474,800	1.50%	20				9/30/2014	6/15/2015	Improve TFM

◆ Disadvantaged Community (criteria may be referenced on page 10)

Total Requested Amount: **\$ 46,558,200**

■ Equivalency Project (criteria may be referenced on page 9)

Total Subsidized Amount³: **\$ -**

● Extra 50 points for "ready to go projects" or construction by September 15, 2014

Total Priority & Planning Amount: **\$ 86,677,266**

Total Green Amount⁵: **\$ 2,010,000**

Total Point & Planning Source Green Amount⁵: **\$ 4,461,600**

¹ Criteria for being eligible for a loan subsidy may be referenced on page 9 under the narrative section of the IUP.

² Green Project Reserve Category Type: GIF- Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Green Project Justification Type: BC - Business Case / CAT - Categorical. Funding for Green projects is based on meeting a minimal required amount of \$837,600 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

³ Sustainability Policy - "Fix it First" - fix existing critical infrastructure; "Improve TFM" - 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 Priority Planning List (Continued)
Fiscal Year 2015**

Rank	Score	APDES Permit Number	Category	Community	Project Title	Project Description	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Subsidy ¹	Green Project Amount ²	Green Project Type ²	Estimated Binding Commitment	Estimated Construction Start	Sustainability Policy ³
22	280	AK-0021385	IV(a)	Haines◆	Moose Lane Sewer Main Extension	Extend approximately 1,050 feet of 6" PVC pipe on Moose Lane and North Sawmill Road in Haines in order to bring service to approximately eight properties currently not served by the utility.	\$158,000	1.50%	20				9/1/2014	6/1/2015	Improve TFM
23	215	AK-0021431	IV(a)	North Pole◆	Lift Station Rehabilitation, Ph. 3	Four lift stations will be rehabilitated based upon standards established during Phase 2-can repair, including new energy efficient pumps, new piping and new electronic control panels.	\$500,000	1.50%	20		\$169,269	ENG-BC	11/3/2014	5/2/2016	Fix it First
24	210	AK-0021431	I	Kenai◆	Wastewater Treatment Plant Upgrades, Ph. II	Install new belt press and controls; replace headworks; upgrade activated sludge system with energy efficient motors & controls; replace diffusers; and construct new WWTP laboratory.	\$1,463,700	1.50%	20		\$347,490	ENG-BC	6/16/2014	4/1/2015	Fix it First
25	215	AK-0021431	I	Anchorage	AWWTF Improvements■	Remove obsolete sludge incinerator one, construct improvements to stabilize the slopes and foundation of the effluent outfall structure and upgrade the HVAC in the Old Raw Sludge Pump Station.	\$1,100,000	1.50%	20				1/1/2015	5/1/2016	Fix it First
26	210	AK-0021431	I	Anchorage	Asplund WWTF Sludge Dewatering Replacement■	Replace two of the three belt filter presses at the AWWTF with new sludge dewatering equipment and upgrade the thickened sludge piping in the vicinity of the belt filter presses at the AWWTF.	\$4,250,000	1.50%	20				7/1/2014	7/8/2015	Fix it First
27	170	AK-0021431	I	Anchorage	King St Warm Storage Roof■	Remove and replace roofing material from the original construction of the warm storage building due to the deteriorated condition.	\$575,000	1.50%	20				7/1/2014	7/15/2014●	Fix it First

◆ Disadvantaged Community (criteria may be referenced on page 10)

Total Requested Amount: **\$ 8,046,700**

■ Equivalency Project (criteria may be referenced on page 9)

Total Subsidized Amount³: **\$ -**

● Extra 50 points for "ready to go projects" or construction by September 15, 2014

Total Priority & Planning Amount: **\$ 94,723,966**

Total Green Amount⁵: **\$ 516,759**

Total Point & Planning Source Green Amount⁵: **\$ 4,978,359**

¹ Criteria for being eligible for a loan subsidy may be referenced on page 9 under the narrative section of the IUP.

² Green Project Reserve Category Type: GIF- Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Green Project Justification Type: BC - Business Case / CAT - Categorical. Funding for Green projects is based on meeting a minimal required amount of \$797,100 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

³ Sustainability Policy - "Fix it First" - fix existing critical infrastructure; "Improve TFM" - 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 List Fiscal Year 2015

Rank	Score	Community	Project Title	Project Description	How this project implements Alaska's Nonpoint Source Strategy:	Requested Assistance Amount ²	Finance Charge Rate	Term (Yrs)	Subsidy ^{2,3}	Green Project Amount ⁴	Green Project Type ⁴	Estimated Binding Commitment
1	150	Anchorage	ARL Cell 7 / 8 Stormwater Management	Collection and management of storm water from Cell 7 and 8 in the southwestern quadrant of the landfill. Green infrastructure practices will be used to keep wet weather discharges out of the leachate collection system.	Alaska's Strategy identifies support for local watershed protection efforts as an objective (page 29). This project addresses components of local watershed protection including control of stormwater runoff, and restoration of a sediment impaired creek (page 83).	\$730,000	1.50%	20		\$730,000	GIF-BC	10/31/2014
2	105	Dillingham◆	Landfill Waste Processing System	Conduct a study to assess the best option for a waste processing system at the City's municipal landfill. Purchase and install a thermal conversion system or other equipment for processing municipal solid waste; determine new landfill layout; and provide design as needed for construction of new waste processing and recycling facilities. Heat from the system will be used to heat buildings and potentially provide power to the WWTP.	The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 31), "Provide education, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met,." Additionally, on pages 82 - 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program, and comes under a listed grouping of nonpoint projects in this section as "Capping and closing out existing landfills and the water quality related portions of new landfills."	\$2,000,000	1.50%	20	\$91,160	\$200,000	EIN-BC	6/30/2014

◆ Disadvantaged Community (criteria may be referenced on page 10)

Total Requested Amount: **\$ 2,730,000**

Total Subsidized Amount³: **\$ 91,160**

Total Green Amount⁵: **\$ 930,000**

¹ Full funding of the Dillingham - Landfill Waste Processing System project for \$2,000,000 will be dependent upon remaining available loan funds. The Department will negotiate with the Dillingham to provide additional funds as they become available later in the year.

² Total available loan and subsidy funding amounts under this amended IUP are \$25,640,844 and \$455,802, respectively and are split on a ratio of 80/20 between Point Source Priority List (\$20,512,675 & \$364,642 of subsidy) and Non-Point Source Priority List (\$5,128,169 & \$91,160 of subsidy) projects. Note, any additional subsidy that is not awarded to Non-Point Source projects will be awarded to Point Source projects or vice-versa if necessary.

³ Criteria for being eligible for a loan subsidy may be referenced on page 10 under the narrative section of the IUP.

⁴ Green Project Reserve Category Type: GIF - Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Green Project Justification Type: BC - Business Case / CAT - Categorical. Funding for Green projects is based on meeting a minimal required amount of \$797,100 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

Draft - Non-Point Source Project Description Revision Fiscal Year 2015

Community	Project Title	Project Description	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Subsidy	Green Project Amount	Green Project Type	Binding Commitment
Cordova	Solid Waste Reduction & Water Quality Protection ⁵	This project is for site work, equipment, and construction to provide the City of Cordova with a revised solid waste handling plan that incorporates confirmed recycling opportunities, re-sue of construction and demolition debris, and wood waste-to-heat conversion. The open-burn disposal site will be close out removing the problem of unauthorized dumping, dangerous disposal by fire, and leachate runoff into Prince William Sound. <u>Additionally, project work will include various water quality improvements at the baler facility for rehabilitation and improvements of the baler, baler building and site area.</u>	\$785,000	1.50%	20				10/10/2013

⁵ The Cordova "Solid Water Reduction & Water Quality Protection project was originally listed under the SFY 2013 IUP. Recently, due to scope of work changes the project is being relisted with a revised project description to include additional work items (underlined above). A loan offer was issued on October 10, 2013 and all other conditions in the agreement remain unchanged; however, the Green Project Amount was removed due to lack of substantiating eligible green project components.