## ALASKA DRINKING WATER FUND
### Funding Priority List - Amended
#### Fiscal Year 2015

<table>
<thead>
<tr>
<th>Rank</th>
<th>Score</th>
<th>Community System</th>
<th>Public Water System ID#</th>
<th>Project Title</th>
<th>Project Description</th>
<th>Assistance Amount</th>
<th>Finance Rate</th>
<th>Term (Yrs)</th>
<th>Subsidy</th>
<th>Green Project Amount</th>
<th>Green Project Type</th>
<th>Estimated Construction Start</th>
<th>Sustainability Policy</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>216</td>
<td>AK2211229</td>
<td>Treatment Plant Upgrade Construction</td>
<td>The project will rehabilitate the failing Creekwood Park surface water treatment system near Wasilla. Work includes improvements and purchase of the system, and construction of a reservoir.</td>
<td>$505,577</td>
<td>1.50%</td>
<td>20</td>
<td>$379,183</td>
<td></td>
<td>ENG-BC</td>
<td>8/5/2014</td>
<td>Fix it First</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>201</td>
<td>Nome</td>
<td>Nome Sclaircore Replacement-Ph III</td>
<td>Replace failing water main piping along Division Street, King Place, Warren Place and Spokane Street with new direct-bury arctic pipe. Elimination of pipe failure I&amp;I will provide energy savings.</td>
<td>$2,920,300</td>
<td>1.50%</td>
<td>20</td>
<td>$1,389,817</td>
<td></td>
<td>ENG-BC</td>
<td>5/15/2014</td>
<td>Fix it First</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>200</td>
<td>Spenard Heights Water</td>
<td>Spenard Heights Distribution System</td>
<td>Design and construction of filtration improvements to reduce arsenic levels, and replacing end of life galvanized water lines with new lines.</td>
<td>$3,128,000</td>
<td>1.50%</td>
<td>20</td>
<td>$3,128,000</td>
<td></td>
<td>ENG-BC</td>
<td>5/15/2015</td>
<td>Fix it First</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>188</td>
<td>Juneau</td>
<td>Salmon Creek Secondary Disinfection</td>
<td>The assessment of levels of disinfection required, facility permitting, and the design and construction of a secondary disinfection process at the Salmon Creek Water Treatment Facility.</td>
<td>$4,000,000</td>
<td>1.50%</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td>3/1/2015</td>
<td>Fix it First</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>176</td>
<td>Anchorage</td>
<td>Resurrection Drive Water Rehabilitation</td>
<td>Rehabilitate or replace approximately 531 linear feet of 8-inch ductile iron pipe within Resurrection Drive from Tikishka Street to 7941 Resurrection Drive.</td>
<td>$750,000</td>
<td>1.50%</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td>5/29/14</td>
<td>Fix it First</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>171</td>
<td>Anchorage</td>
<td>Denali Water Rehab, Northern Lights to Fireweed</td>
<td>Replace existing failing water main in Denali Street from Fireweed Lane to Northern Lights Boulevard</td>
<td>$1,500,000</td>
<td>1.50%</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td>7/15/14</td>
<td>Fix it First</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>156</td>
<td>Palmer</td>
<td>Palmer Steel Water Main Replacement</td>
<td>Replace old steel water pipe in the northeastern area of the City of Palmer known as the &quot;Sherrod&quot; area.</td>
<td>$1,285,714</td>
<td>1.50%</td>
<td>20</td>
<td>$250,000</td>
<td></td>
<td>ENG-BC</td>
<td>6/1/2015</td>
<td>Fix it First</td>
<td></td>
</tr>
</tbody>
</table>

- **Disadvantage Community** (criteria may be referenced on page 13)
- **Equivalency Project** (criteria may be referenced on page 12)
- **Extra 50 points for construction start by September 15, 2014**

1. Subsidy funding for the Nome - Nome Sclaircore Replacement-Ph III project is limited to available subsidy funds. Additionally, full project funding of the Palmer - Palmer Steel Water Main Replacement project will be dependent upon remaining available loan funds. The Department will negotiate with Palmer to provide additional funds as they become available later in the year.
2. Total available project loan funding and subsidy under this Amended IUP is $13,062,573 and $1,769,000, respectively.
3. Criteria for being eligible for a loan subsidy may be referenced on page 13 under the narrative section of the IUP.
4. Projects which demonstrate adequate criteria for meeting a Green project component will be eligible to receive an additional 25 points.
6. Prior to funding any project shown to have a funding subsidy for Green, a Business Case for project Green eligibility must be found justified.
7. 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.
8. 50 points are only awarded if a feasibility or design study has been completed for the project by the end of the of questionnaire solicitation period.
### Project Title

- East Norre Water Replacement
- AC Pipe Replacement
- DeGoff Street Water Improvements
- Water Main Replace Egan Dr/10th to Main Construct
- Drinking Water Improvements
- Water Main Replacement
- Chatham Avenue Water Main Replacement
- Schoenbar Road Water Main Replacement
- Last Chance Basin Well Field Capacity Improvements
- 347 Zone Conversion
- 430 Zone Conversion

### Project Description

- Phased project to replace failed and failing direct buried "Sclaircore" water and sewer piping that was installed in the 1980s.
- Replace approx. 3,300' of AC pipe and 1,700' of DIP pipe with C-900 PVC on Small Tracts Rd., View St., First Ave. North, and Front St.
- Replacement of the existing aging/failing water system within DeGoff Street between Sawmill Creek Road and Lake Street.
- Replacement of approximately 4000 feet of water piping within the Egan drive corridor between Tenth Street and Main Street.
- Reevaluate water projects with an updated master plan; conduct hydrologic studies; develop new water sources downtown and at the landfill; and upgrade water distribution piping including meters and leak detection.
- Replacement of failing ductile iron pipe with HDPE piping in critical areas throughout the water system.
- Install 491-lineal feet of 8" HDPE water mains, (2) fire hydrants, and (14) services installed to the edge of the right-of-way, in approximately 540 feet of roadway.
- Install 1,119-lineal feet of 16" HDPE water mains from the Schoenbar Trail intersection to Valley Forge Road; 200-lineal feet of 4"–10" HDPE water mains throughout the project area; fire hydrants; and multiple gate valves.
- Install and develop two wells at the Last Chance Basin Well Field to improve capacity, and drill and develop five wells adjacent to existing wells utilizing existing infrastructure.
- Provide system redundancy in the University-Medical District area, decommission select PRVs reducing operating costs, maximize production from Well 4, and reduce transient pressure waves in system.
- Convert the 430 HGL zone near Abbott and Elmore and consolidate different portions into either the 475 HGL zone or the 411 HGL zone. The conversion will increase transmission capacity and reducing pressure fluctuations.

### Assistance Amount

- $2,690,000
- $2,000,000
- $1,352,100
- $1,800,000
- $1,000,000
- $542,249
- $864,829
- $2,666,535
- $2,000,000
- $750,000
- $540,000
- $450,000
- $540,000

### Finance Rate

- 1.50%
- 1.50%
- 1.50%
- 1.50%
- 1.50%
- 1.50%
- 1.50%
- 1.50%
- 1.50%
- 1.50%
- 1.50%
- 1.50%

### Term (Yrs)

- 20
- 20
- 20
- 20
- 20
- 20
- 20
- 20
- 20
- 20
- 20

### Subsidy

- $2,690,000
- $2,000,000
- $162,000
- $2,000,000
- $200,000
- $542,249
- $864,829
- $2,666,535
- $2,000,000
- $750,000
- $540,000
- $450,000

### Green Project Amount

- ENG-BC
- WTR-BC
- ENG-BC
- ENG-BC
- ENG-BC
- WTR-BC
- WTR-BC
- ENG-BC
- ENG-BC
- Improve TFM
- Improve TFM

### Estimated Construction Start

- 3/1/2014
- 5/1/2015
- 5/15/2016
- 4/15/2015
- 8/1/2014
- 6/1/2015
- 1/1/2015
- 1/1/2015
- 10/1/2014
- 9/15/2014
- 9/15/2014

### Sustainability Policy

- Fix it First
- Fix it First
- Fix it First
- Fix it First
- Fix it First
- Fix it First
- Fix it First
- Fix it First
- Fix it First
- Improve TFM
- Improve TFM

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### Total Requested Amount

$16,115,713

### Total Subsidized Amount

$ -

### Total Green Amount

$ 9,394,249

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DW Planning List
Appendix IVb
Amended IUP - FINAL
### ALASKA DRINKING WATER FUND

#### Funding Priority Planning List (Continued) - Amended

#### Fiscal Year 2015

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<th>Term (Yrs)</th>
<th>Subsidy</th>
<th>Green Project Amount</th>
<th>Green Project Type</th>
<th>Estimated Construction Start</th>
<th>Sustainability Policy</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>121</td>
<td>Kotzebue</td>
<td>AK2120323 (13,477)</td>
<td>S. Tongass Main - Shoup to Forest Park</td>
<td>Extend the South Tongass water main from Shoup Street to Forest Park Ave. to service the residents of the Forest Park area with domestic water service and fire protection, a distance of some 6200-ft.</td>
<td>$1,855,303</td>
<td>1.50%</td>
<td>20</td>
<td>4/1/2015</td>
<td>Improve TFM</td>
<td>Fix it First</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>121</td>
<td>Anchorage</td>
<td>AK2213001 (291,826)</td>
<td>Wesleyan Dr-Chekmate to Queen Water Rehab.</td>
<td>Rehabilitate or replace approximately 2100 feet of 6-inch diameter cast iron pipe that has had a significant history of breaks and emergency repairs.</td>
<td>$3,300,000</td>
<td>1.50%</td>
<td>20</td>
<td>9/18/2014</td>
<td>Fix it First</td>
<td>Fix it First</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>121</td>
<td>Anchorage</td>
<td>AK2213001 (291,826)</td>
<td>Northern Lights Wesleyan to Bragaw’s</td>
<td>Rehabilitate or replace the existing water distribution main within Northern Lights Boulevard between Bragaw Street and Boniface Parkway.</td>
<td>$5,000,000</td>
<td>1.50%</td>
<td>20</td>
<td>5/1/2016</td>
<td>Fix it First</td>
<td>Fix it First</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>121</td>
<td>Anchorage</td>
<td>AK2213001 (291,826)</td>
<td>Lake Otis 38th-42nd Water Rehab.</td>
<td>Upgrade an existing 12-inch cast iron water main with a history of failures along Lake Otis between 38th - 42nd Avenues.</td>
<td>$2,700,000</td>
<td>1.50%</td>
<td>20</td>
<td>5/1/2016</td>
<td>Fix it First</td>
<td>Fix it First</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>116</td>
<td>Haines</td>
<td>AK2110619 (2,508)</td>
<td>Small Tracts Water Main Extension</td>
<td>Extend service to approximately 44 parcels on Small Tracts Road, Small Tracts Spur, and Bear Creek Trail Lane, which are currently not served by the utility and use individual wells.</td>
<td>$1,725,000</td>
<td>1.50%</td>
<td>20</td>
<td>5/1/2015</td>
<td>Improve TFM</td>
<td>Improve TFM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>111</td>
<td>Wrangell</td>
<td>AK2120143 (2,369)</td>
<td>Water Treatment Plant Pilot Study</td>
<td>Pilot study to identify the proper modifications to the current water treatment system that is no longer working effectively in part due to the rapid growth in industry water demand since the plant was constructed.</td>
<td>$142,020</td>
<td>1.50%</td>
<td>20</td>
<td>N/A</td>
<td>Planning</td>
<td>Planning</td>
<td></td>
<td></td>
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<tr>
<td>25</td>
<td>110</td>
<td>ALPAT</td>
<td>AK2120323 (13,477)</td>
<td>Sherwood Estates Water Treatment Plant Rehab</td>
<td>Rehabilitation of an Iron and Manganese removal facility, construction of an 18,000 gallon treated water storage tank, and installation of a stand-by generator.</td>
<td>$198,500</td>
<td>1.50%</td>
<td>20</td>
<td>5/15/2014</td>
<td>Fix it First</td>
<td>Fix it First</td>
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<td></td>
</tr>
<tr>
<td>26</td>
<td>106</td>
<td>Kotzebue</td>
<td>AK2120323 (13,477)</td>
<td>South Tongass Water System - Phase VI</td>
<td>Construction of booster station, 100,000-gallon steel water tank, and pressure reducing vault for increased storage capacity.</td>
<td>$1,494,571</td>
<td>1.50%</td>
<td>20</td>
<td>$750,000</td>
<td>ENG-BC</td>
<td>4/1/2015</td>
<td>Improve TFM</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>106</td>
<td>Haines</td>
<td>AK2110619 (2,508)</td>
<td>Pedad Water Tank</td>
<td>Construction of a new 250,000-gallon tank adjacent to the existing chlorination facility, and installation of a PAX mixer to keep the water from freezing.</td>
<td>$637,500</td>
<td>1.50%</td>
<td>20</td>
<td>$637,500</td>
<td>WTR-BC</td>
<td>5/1/2015</td>
<td>Improve TFM</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>96</td>
<td>Wrangell</td>
<td>AK2120143 (2,369)</td>
<td>Upper Reservoir connection to Water treatment Plant</td>
<td>Finish the partially completed supply line between the upper reservoir and the water treatment plant providing a new connection through the upper dam.</td>
<td>$517,049</td>
<td>1.50%</td>
<td>20</td>
<td>$517,049</td>
<td>WTR-BC</td>
<td>4/1/2015</td>
<td>Improve TFM</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>76</td>
<td>Sitka</td>
<td>AK2130075 (8,881)</td>
<td>Alternative Potable Water Supply Development</td>
<td>Develop a groundwater source to include planning, design, drilling production wells, installing piping, pumping, and disinfection capacity to provide the needed 3000-4000 gallons per minute required to Sitka.</td>
<td>$5,000,000</td>
<td>1.50%</td>
<td>20</td>
<td>5/1/2015</td>
<td>Improve TFM</td>
<td>Improve TFM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>76</td>
<td>Anchorage</td>
<td>AK2213001 (291,826)</td>
<td>Dowling Rd. PRV and 92nd Ave.</td>
<td>Construct pressure reducing valve vaults near Old Seward and Dowling Road area and the Old Seward and 92nd Avenue area.</td>
<td>$1,550,000</td>
<td>1.50%</td>
<td>20</td>
<td>6/1/2015</td>
<td>Improve TFM</td>
<td>Improve TFM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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<tr>
<td>31</td>
<td>76</td>
<td>Anchorage</td>
<td>AK2213001 (291,826)</td>
<td>Dowling Rd Water Transmission Main</td>
<td>Construct a water main between C Street and Minnesota Drive along the ADOT/PF W Dowling Road Phase II corridor.</td>
<td>$2,400,000</td>
<td>1.50%</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td>5/1/2017</td>
<td>Improve TFM</td>
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<tr>
<td>32</td>
<td>76</td>
<td>Anchorage</td>
<td>AK2213001 (291,826)</td>
<td>Reservoir 3 &amp; 4 Circulation Line - Water</td>
<td>Install yard piping and automated valves for providing Eldutna water directly to Reservoirs 3 and 4 such that excessive reservoir cycling levels no longer occur.</td>
<td>$1,000,000</td>
<td>1.50%</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td>4/23/2015</td>
<td>Improve TFM</td>
</tr>
<tr>
<td>33</td>
<td>76</td>
<td>Anchorage</td>
<td>AK2213001 (291,826)</td>
<td>458-424 Zone Merge</td>
<td>458-424 pressure zone merge will take the 458 zone located around Baxter Bog and consolidate it into the 424 pressure zone.</td>
<td>$1,000,000</td>
<td>1.50%</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td>3/1/2015</td>
<td>Improve TFM</td>
</tr>
<tr>
<td>34</td>
<td>76</td>
<td>Anchorage</td>
<td>AK2213001 (291,826)</td>
<td>West Airpark Water Extension</td>
<td>Extend transmission/distribution mains and constructing possible interties in the vicinity of West Airpark at Ted Stevens Anchorage International Airport (ANC).</td>
<td>$8,000,000</td>
<td>1.50%</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td>7/1/2015</td>
<td>Improve TFM</td>
</tr>
<tr>
<td>35</td>
<td>76</td>
<td>Anchorage</td>
<td>AK2213001 (291,826)</td>
<td>Ship Creek Water Treatment Facility</td>
<td>Removal and replacement of aged equipment and the installation of new instrumentation and controls systems that are at the end of the equipment's service life.</td>
<td>$1,200,000</td>
<td>1.50%</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td>9/22/2014</td>
<td>Improve TFM</td>
</tr>
<tr>
<td>36</td>
<td>76</td>
<td>North Pole</td>
<td>AK2310675 (2,117)</td>
<td>Water System Emergency Generators</td>
<td>Procurement and installation of emergency backup generators for the water systems three circulation stations.</td>
<td>$200,000</td>
<td>1.50%</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td>6/1/2015</td>
<td>Improve TFM</td>
</tr>
<tr>
<td>37</td>
<td>68</td>
<td>Skagway</td>
<td>AK2110601 (968)</td>
<td>Redwood water tank</td>
<td>Design and construction of a new 500,000 gallon redwood water storage tank.</td>
<td>$758,500</td>
<td>1.50%</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td>4/15/2014</td>
<td>Improve TFM</td>
</tr>
<tr>
<td>38</td>
<td>41</td>
<td>Anchorage</td>
<td>AK2213001 (291,826)</td>
<td>EWTF Facility Plan</td>
<td>Prepare a facility plan for the Eldutna Water Treatment Facility that will be used as a guide for rehabilitation and renewal of this almost 30 year old facility.</td>
<td>$450,000</td>
<td>1.50%</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td>N/A Planning</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>41</td>
<td>Haines</td>
<td>AK2110619 (2,508)</td>
<td>Moose Lane Water Main Extension</td>
<td>Extend approximately 1,050 feet of 8&quot; PVC water pipe on Moose Lane in Haines in order to bring service to eight developed properties currently not served by the utility.</td>
<td>$158,000</td>
<td>1.50%</td>
<td>20</td>
<td></td>
<td></td>
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