



Municipality of Anchorage

Anchorage Water & Wastewater Utility



Engineering Division

3000 Arctic Boulevard • Anchorage, Alaska 99503-3813

Telephone (907) 564-2774 • Fax (907) 562-0824

www.awwu.biz • www.muni.org

Mayor Dan Sullivan

Board Chair Tim Sullivan

May 3, 2011

Beth Verrelli, Project Engineer
Alaska Department of Environmental Conservation
Division of Water
555 Cordova Street, Fourth Floor
Anchorage, AK 99501

Division of Water
MG&L
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Received

**SUBJECT: Harold Loop Water Improvements, Old Glenn Highway (Northern Communities) Water Extension
ADWF Loan No. 127851
Project Performance Criteria**

Dear Ms. Verrelli,

The Anchorage Water and Wastewater Utility (AWWU) received an Alaska Drinking Water loan for a portion of the subject project. Performance criteria for the subject project are hereby proposed and submitted for your approval.

Project Scope

This project consists of the following infrastructure:

Furnishing and installing 2000 feet of 12-inch ductile iron pipe; four (4) 12-inch gate valves and valve boxes; three (3) single pumper fire hydrant assemblies; 11 (11) 1-inch water service lines and key boxes; one (1) water sampling station; all related appurtenances; miscellaneous road upgrades; and the restoration of all affected streets and improvements.

Performance Criteria

AWWU proposes the following project performance criteria and provides the following information in response to Alaska Drinking Water loan requirements A through D.

A. Identification of the design criteria or performance standards applicable to the proposed project.

- The project was designed and is to be constructed in accordance with criteria established in the *AWWU 2008 Design and Construction*

Community, Security, Prosperity

Practices Manual and per the *Municipality of Anchorage Standard Specifications* as modified by bid document special provisions.

- The project is warranted against defects in materials and workmanship for a period of one year from the date of final acceptance.

B. A description of the testing and/or operational objectives used that define the success of the proposed project, and an outline scheduling those objectives.

- Testing Objective 1 - Hydrostatic testing of pipe and appurtenances will be performed to confirm there are no leaks and to ensure pipe will maintain operational pressure. Performance to be measured during construction commissioning.
- Testing Objective 2 - Bacteriological testing will be performed to confirm the absence of bacteria and to ensure new water system infrastructure has been adequately disinfected. Performance to be measured during construction commissioning.
- Operational Objective 1 – System operating pressures in the project area will meet AWWU tariff requirements and AWWU is able to maintain domestic water service and high volume requirements. Performance will be measured by the number of notifications (or lack thereof) to the Anchorage Fire Department dispatch that fire volume requirements in the project area cannot be met and/or by customer calls relating to domestic water service outages that are directly related to work performed for this project.

C. Identification of the person or persons responsible for evaluating the performance of the proposed project.

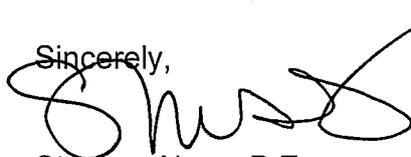
Stephan Nuss, P.E., AWWU Capital Program Manager is the person responsible for evaluating the performance of the proposed project and will retain primary responsibility for assembling the performance documentation.

D. A proposed final report format for project certification.

AWWU will submit an affirmative or negative certification prior to the end of the one-year performance period.

If you have any questions or comments, please call me at 564-2763, or contact Ms. Ruth Keller, AWWU Grant and Loan Administrator, at 564-2755.

Sincerely,



Stephen Nuss, P.E.
Capital Program Manager