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ATTACHMENT J-1606000-01
DEFINITIONS AND ACRONYMS

Definition/Acronym	Description
ANSI	American National Standards Institute
AWWA	American Waterworks Association
CTO	Certificate to Operate
DoD FGS	Department of Defense Environmental Final Governing Standards
NFPA	National Fire Protection Association
NPDWR	National Primary Drinking Water Regulations
NSDWR	National Secondary Drinking Water Regulations
OEBGD	Overseas Environmental Baseline Guidance Document
OMSI	Operation And Maintenance Support Information
Potable Water (US and territories)	Water that is satisfactory for drinking and cooking.
UFC	Unified Facilities Criteria
USEPA	US Environmental Protection Agency
Water Fit for Human Consumption (Overseas)	Water that meets the primary drinking water standards as defined in FGS, OEBGD and CNICINST 5090.1.

ATTACHMENT J-1606000-02
REFERENCES AND TECHNICAL DOCUMENTS

Reference	Title
UFC 3-440-02N	Water Conservation Operation and Maintenance
UFC 3-430-09	Exterior Mechanical Utility Distribution
UFC 3-230-02	Water Supply Systems
AWWA Standard C651	Disinfecting Water Main
CNICINST 5090.1	U.S. Drinking Water Quality Standards for U.S. Navy Installations Overseas
CNICINST 5090.2	Overseas Drinking Water Operation and Operator Requirements
CNICINST 5090.3	Navy Overseas Drinking Water Program Ashore

ATTACHMENT J-1606000-03
WATER DISTRIBUTION SYSTEM DESCRIPTION AND INVENTORY

The Naval Research Laboratory (NRL) water distribution system provides potable water and fire protection support to 102 facilities, serving a base population of approximately 3,000 personnel. The distribution network consists of over 36,000 linear feet of piping across four primary zones, supported by 89 fire hydrants and over 400 system valves. NRL purchases and receives water from DC Water, with two meters located near the VCC office accounting for over 99% of NRL consumption and an additional water meter for impervious surfaces. The water supply and return lines are below grass, paved parking lots, and roadways.

ATTACHMENT J-1606000-04
Chilled Water Distribution Inventory

See Excel File “ J-1606000-04 Chilled Water Distribution Inventory”.

ATTACHMENT J-1606000-05
Fire Hydrant Inventory

See Excel File “ J-1606000-05 Fire Hydrant Inventory”.

ATTACHMENT J-1605000-06
WATER METER INVENTORY, LOCATION AND SCHEDULE OF READING

Meter Name	Location in Building	System	Device	Function	Normal Reading
Main Water Supply	2 Meters Located Near the Visitor Control Center BLDG. 72	Water Supply Line	Meter	Measure Water Supply for NRL	Monthly