



DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING COMMAND
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VIA FIRST-CLASS MAIL AND ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
State of Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, Rhode Island 02888

August 20, 2019

Re: DOCKET NO. 4933, IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT,
WATER DIVISION, APPLICATION TO CHANGE RATE SCHEDULES

Dear Ms. Massaro:

Enclosed for filing in the above-referenced matter, please find an original plus nine (9) copies of the Department of the Navy's Responses to the City of Newport, Utilities Department, Water Division's Second Set of Data Requests and the Town of Middletown's First Set of Data Requests.

Please note that an electronic copy of this document has been sent to the service list. Thank you for your assistance.

Very truly yours,

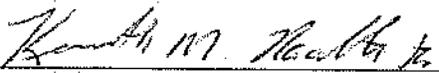
A handwritten signature in cursive script that reads "Kenneth M. Racette, Jr.".

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Kelsey Harrer, Esq.
Department of the Navy
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cc: Service List for Docket No. 4933
Enclosures

CERTIFICATE OF SERVICE
RI PUC Docket No. 4933

I hereby certify on this 20th day of August, I mailed this original Notice of Appearance of Counsel and nine (9) copies to the Rhode Island Public Utilities Commission. A true copy of the document was sent by electronic mail to the parties on the Service list, as of August 19th, 2019, for Docket No. 4933.



Kenneth M. Racette Jr., Esq.
Department of the Navy

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**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION**

**IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION
APPLICATION TO CHANGE RATE SCHEDULES**

DOCKET NO: 4933

**THE UNITED STATES DEPARTMENT OF THE NAVY'S RESPONSES TO
CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION'S
SECOND SET OF DATA REQUESTS**

1. In response to Newport Water Data Request 1-1, the Navy indicated that the water usage attributable solely to the water main break on January 10, 2018 was estimated to be "250 KG":
 - a. Please describe in detail how the Navy determined the estimate of 250 KG.
 - b. Please state how long the water leak occurred before it was stopped.

Response:

- a. Estimate was based on a 2-1/2" hydrant flowing 1,000 GPM.

1,000 GPM was reduced 75% due to the unknown size of split in the 2-1/2" backflow preventer device so flow estimate was 250 GPM.

 $250 \text{ GPM} \times 60 \text{ min/hr} \times 8 \text{ hrs (estimated duration of leak)} \times 2 \text{ backflow devices} = 240 \text{ KGAL}$

This was then rounded off to 250 KGAL.
- b. Unknown. Estimated to be 8 hours.

Prepared by: James Carlson, Public Works Manager, NAVFAC Midlant Newport

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION**

**IN RE: CITY OF NEWPORT, UTILITIES DEPARTMENT, WATER DIVISION
APPLICATION TO CHANGE RATE SCHEDULES**

DOCKET NO: 4933

**THE UNITED STATES DEPARTMENT OF THE NAVY'S
RESPONSES TO MIDDLETOWN'S FIRST SET OF DATA REQUESTS**

Midd/Navy 1-1 Please provide the Navy's projections of total water demands from all Navy owned buildings and facilities that are supplied with water from your purchases from Newport Water for each year from FY2020 through FY2022. If you expect those total demands to increase or decrease significantly, provide any studies, reports or analyses, that support your projections. Also, provide relevant information about any new and large expansion of the Navy's buildings and facilities that will be completed before the end of June 2022, along with their estimated annual water demands. Conversely, provide relevant information about any large reduction of the Navy's buildings and facilities that will be completed before the end of June 2022, along with their average annual water demands.

Response:

Navy estimates it will purchase 225,000 KGAL of water from Newport Water each fiscal year for the next three fiscal years (FY2020: October 1, 2019 – September 30, 2020; FY2021: October 1, 2020 – September 30, 2021; and FY2022: October 1, 2021 – September 30, 2022).

In addition, information has been recently released to the public indicating that 43 acres of former Navy land owned by Melville Associates have been sold to WC Coastal Development. Melville Associates had submitted plans to permitting agencies for nearly 1,500 slips, 1,000 housing units and additional retail and commercial facilities. WC Coastal Development has not released a design for the site but it is expected that their intent will be similar to plans developed by J. Brian O'Neill for the Melville Associates property. Attorneys on behalf of WC Coastal Development have contacted Navy to execute a utility service agreement as outlined in the 1983 deed for the land. Under the agreement Navy would provide potable water and sewage. Potable water provided is estimated to be 86,500 gallons per day. However, along with environmental cleanup, State and Federal permits, and a potential phased construction approach that includes dredging the cove, Navy does not have the data necessary to estimate annual water demands for the proposed development. Navy can estimate that development may start in 2022 and could continue through 2032.

Prepared by: James Carlson, Public Works Manager, NAVFAC Midlant Newport

Mid/Navy 2-1 Please provide the required fire flow (gallons per minute) and duration for your service area based on criteria established by the National Board of Fire Underwriters, or another set of standards used by the Navy. Include in your response any assumptions, calculations, analyses or support documents used to derive these requirements.

Response:

The required fire flow for sprinklered buildings is 1,000 GPM at 20 PSI for 60 minutes as required by Paragraph 9-2 of Unified Facilities Criteria (UFC) 3-600-01, Fire Protection Engineering for Facilities, and the required fire flow for non-sprinklered buildings is based on NFPA 1, Fire Code. (NFPA - National Fire Protection Association).

Prepared by: James Carlson, Public Works Manager, NAVFAC Midlant Newport