

**Before the
State Of Rhode Island and Providence Plantations
Public Utilities Commission**

Docket # 3675

Direct Testimony of William Monaco

1 **Q. Please state your full name, title and business address for the Record.**

2 **A.** William Monaco, P.E. I am the Drinking Water Program Manager, Naval Station
3 Newport Environmental Office, 1 Simonpietri Drive, Newport, RI 02841.

4

5 **Q. How long have you held this position?**

6 **A.** I have held this position for eight years, since February 4, 1997.

7

8 **Q. What is your responsibility as the Drinking Water Program Manager with
9 regards to the Navy Public Water Systems?**

10 **A.** I am responsible for the planning, organization and direct oversight of all regulatory
11 and water quality issues concerning two Navy Public Water Systems (hereafter NPWS);
12 the United States Navy Fort Adams (hereafter USN FA) System and the United States
13 Navy Naval Station Newport (hereafter USN NSN) System.

14

15 **Q. What is your educational background and professional qualifications?**

16 **A.** I have a Bachelor of Science in Civil Engineering with a Minor in Environmental
17 Engineering from Pennsylvania State University. I have earned 12 credits towards a
18 Master of Science in Civil Engineering Water Resources (non-matriculating) from the
19 University of Rhode Island. I am a Registered Professional Environmental Engineer in
20 the State of Rhode Island.

21

22 **Q. What is the purpose of your testimony?**

23 **A.** The purpose of the testimony is to document water quality issues and concerns,
24 specifically Total Trihalomethanes (hereinafter TTHMs), that NPWS have experienced,
25 in part, due to the water quality received from the City of Newport.

26

27 **Q. Have you previously testified before this commission?**

28 **A.** Yes, I have submitted written testimony for the City of Newport Water Division water
29 rate filing in Docket 3578.

30

31 **Q. Is your testimony from Docket 3578 still applicable to the new water rate filing
32 in Docket 3675?**

33 **A.** Yes, however the information will be updated in this testimony to reflect the current
34 status and situation.

35

36 **Q. What has changed that you need to update your testimony?**

37 **A.** We have had water quality issues and as agreed to in Docket 3578 an independent
38 third party contractor performed a study that was to evaluate the available data and

39 conduct an island-wide evaluation of measures available to control Disinfectant
40 Byproducts (hereafter DBPs) and identify secondary impacts that may be associated with
41 implementation of DBP control alternatives.
42

43 **Q What were the water quality issues?**

44 **A.** In the fourth quarter of 2004 the USN NSN System exceeded the TTHMs Maximum
45 Containment Level (hereafter MCL) of 0.08 milligrams per liter (hereafter mg/l) as an
46 annual average. Also in the third quarter of 2005 the USN FA System exceeded the
47 TTHMs MCL.
48

49 **Q. As a result of the elevated TTHM levels were there any consequences?**

50 **A.** Yes. For the USN NSN System exceedance the Navy received a Notice of Violation
51 (hereafter NOV) from the Rhode Island Department of Health in October 2004. An NOV
52 for the USN FA System is expected in the near future.
53

54 **Q Were these water quality issues isolated to the Navy systems?**

55 **A.** No, although I believe the Navy systems were the only systems out of compliance. It
56 should be noted that the TTHM levels entering one of the fourteen USN NSN System
57 entry points from Newport Water (the only one tested) was above the MCL during the
58 quarter that our system average exceeded the MCL. The TTHM levels entering the only
59 connection to the FA system during the quarter that our system average exceeded the
60 MCL was also above the MCL.
61

62 **Q. What is the current status of the study?**

63 **A.** On 7 Sept 05, the Navy received the preliminary report.
64

65 **Q. Have you reviewed the entire report?**

66 **A.** No, the executive summary has been reviewed, however, a thorough review the entire
67 report has not been completed at the time of this testimony.
68

69 **Q. Was there anything in the executive summary that was significant?**

70 **A.** Yes, I encourage Newport Water to operate their water production to deliver the Navy
71 water at a factor of safety level 20% below the required DPB standards, as suggested.
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