

# OPNAVINST 5090.1B, Change 3

## Chapter 8 Safe Drinking Water Act Compliance Ashore

### What was changed?

Web site addresses were added for References.

Terms and Definitions Modified:

Wellhead Protection Program – definition expanded.

Section 8-2.1 technical language removed.

Section 8-4.1 General. Removed language defining PWS. Added language on classifications of water systems that was previously under Section 8-4.2 Sampling and Analysis. Add requirements of using certified laboratories to analyze samples. Added requirements to sample at representative points in the system.

Section 8-4.2 Regulations was re-organized to include old sections: 8-4.2 Sampling and Analysis, 8-4.3 Control of Lead and Copper in Drinking Water, 8-4.4 Cross-Connection and Backflow Prevention, 8-4.5 Public Notification, 8-4.6 Consumer Confidence Reporting, 8-4.7 Surface Water Treatment Rule, and 8-4.8 Source Water Assessment and Source Water Protection Programs.

Section 8-4.2a. (1) Arsenic Rule previously Section 8-4.2.3 Flouride and Arsenic, removed Flouride reference and added new standard for Arsenic.

Section 8-4.2a. (5) Surface Water Treatment Rule previously Section 8-4.7 added Interim Enhanced Surface Water Treatment Rule, Filter Backwash Recycle Rule, Long-Term 1 Enhanced Surface Water Treatment Rule, and Long-Term 2 Enhanced Surface Water Treatment Rule.

Section 8-4.2a. (7) Changed from Total Trihalomethane (TTHM) to Disinfectant/Disinfection By-Products and the Trihalomethane Rule. Disinfectant/Disinfection By-Products, Stage 1 and 2 replace the TTHM Rule.

Section 8-4.2a. (8) Removed test outlining minimum information to be contained in report.

Section 8-4.2a. (15) Recordkeeping - moved from Navy Policy to Requirements.

Section 8-4.2a. (16) National Secondary Drinking Water Regulations - added “although they are not federally enforceable...”

Section 8-4.2a. (17) Wellhead Protection Program – removed explanation of what consists of a Protection Program and now states that the program must meet State or local requirements.

Section 8-5.1 General – changed to state that Navy installations shall comply with all applicable Federal, State, and local drinking water regulations, executive orders and Navy Policy.

Section 8-5.2 Removed distinction between Permitted and Non-Permitted PWS monitoring. Added Monitoring requirements for Bacterial Monitoring (Section 8-5.2a.), Asbestos (8-5.2b.), Disinfection By-Products(8-5.2c.), and Review of Primary PWS Records (8-5.2f.).

Section 8-5.4 Sanitary Surveys – Requirement was changed from every 3 years to every 5 years.

Section 8-6.1 CNO (N45) – Changed responsibilities.

Section 8-6.2 NAVFAC – added requirement to Maintain drinking water information systems and removed requirement to conduct Utility System Assessments.

### What was added?

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8-1.2.b US Environmental Protection Agency: Preparing Your Drinking Water Consumer Confidence Report, Guidance for Water Suppliers EPA/816-R-99-002

Supplemental References Section 8-1.3 - Contains relevant references not specifically referred to in the chapter.

### Terms and Definitions Added

- Backflow Preventer
- Consecutive Public Water System
- Consumer Confidence Report
- Consumptive Use Permit (CUP)
- Cross-Connection
- Disinfection Byproducts (DBPs)
- Lead Free
- Non-Community Water System
- Selling Water
- Water Source Vulnerability Assessment

Section 8-4.2a. National Primary Drinking Water Regulations.

Section 8-4.2a. (2) Radon Rule

Section 8-4.2a. (3) Radionuclides Rule

Section 8-4.2a. (4) Total Coliform Rule

Section 8-4.2a. (6) Groundwater Rule

Section 8-4.2a. (9) Unregulated Contaminant Monitoring Rule

Section 8-4.2a. (14) Operator Certification.

Section 8-5.9 Consumer Confidence Reports

Section 8-5.10 Consumptive Use Permits

### What was deleted?

Terms and Definitions deleted:

- Vulnerability Assessment
  - For Water Quality.
  - For Emergency Contingency Situations.

Section 8-2.2 Executive Order 12902.

Section 8-4.2.2 Phase I, II and V Organic Chemicals.

Section 8-5.2.1 Permitted PWS Monitoring

Section 8-5.2.2 Non-Permitted PWS Monitoring

Section 8-5.2.3 Non-PWS Monitoring

Section 8-5.2.4 Alternative/Innovative Monitoring Approaches to Meeting SDWA Monitoring Requirements.

Section 8-5.7 Surface Water Treatment

Section 8-5.8 Source Water Assessment and Source Water Protection Program

Section 8-5.9 Protection of underground Sources of Water

Section 8-5.11 Construction Material Survey.