

**Errata Sheet**  
**Proposed Revisions to the Connecticut Water Quality Standards:**  
**Ambient Water Quality Criteria**

Connecticut Department of Environmental Protection  
Bureau of Water Protection and Land Reuse  
Planning & Standards Division  
February 2, 2010

---

The following corrections are noted for the proposed revisions to the Connecticut Water Quality Standards dated December 22, 2009 in order to address inadvertent omissions or errors.

1. Changes to definition of Surface Water

**From:**

Surface Water

means the waters of Long Island Sound, its harbors, embayments, tidal wetlands and creeks; rivers and streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs, federal jurisdictional wetlands, and other natural or artificial, public or private, vernal or intermittent bodies of water, excluding groundwater.

**To:**

Surface Water

means waters as defined under sections 22a-367 and 22a-423 of the Connecticut General Statutes, waters of the United States as defined under 33 CFR part 328, wetlands as defined under sections 22a-28 of the General Statutes, wetlands and watercourses as defined under section 22a-38 of the General Statutes, including vernal or intermittent bodies of water, but excluding groundwater.

2. Include definition of wetlands, as follows:

Wetlands

means wetlands as defined under sections 22a-28 and 22a-38 of the General Statutes and as defined under the 1987 Corps of Engineers Wetland Delineation Manual, as amended.

3. Definition of Antidegradation Policy should read as follows:

Anti-degradation Policy

means a statement of practice required by federal law which protects existing uses and prohibits a state from lowering high quality surface water quality in order to accommodate activities which impact a particular surface water unless a lowering of surface water quality is determined, following intergovernmental coordination and public participation, to be necessary to accommodate important economic or social development to the State and in the area where the water is located.

4. Aquatic life criteria for Chlorine in Marine Waters were omitted in error. The criteria contained in the 2002 Water Quality Standards are proposed to remain in effect.

Acute: 13 ug/L

Chronic: 7.5 ug/l

5. Corrections to the following criteria values are noted:

Formaldehyde

Freshwater aquatic life criteria

Acute: 4554 4580 ug/L

Chronic: 1178 1619 ug/L

1,1,2,2, Tetrachloroethane

Freshwater chronic aquatic life criteria: 655 129 ug/L

Chloromethane

Class AA and A waters: 199 32 ug/L

Class B, SA and SB waters: 17.54 877 ug/L

Health Designation € 11

6. Identification of area within Pootatuck River for application of Connecticut Site-specific copper criteria

Footnote 12 to Table 1 in Appendix D should read:

Sandy Hook Newtown POTW to confluence with the Housatonic River

7. Text was inadvertently omitted from Note 9, which should read:

Saltwater ammonia criteria are expressed as un-ionized ammonia (NH<sub>3</sub>). Equivalent total ammonia concentrations are dependent on receiving water temperature, pH, and salinity. Conversion of un-ionized ammonia concentrations to total ammonia (NH<sub>3</sub> + NH<sub>4</sub><sup>+</sup>) may be performed using the procedure described in “Ambient Water Quality Criteria for Ammonia (Saltwater) – 1989”, EPA 440/5-88-004.

8. The following corrections to the temperature criteria are noted:

- A. For surface waters that support a naturally reproducing population of cold water fish

shall in no case exceed during the months of October through March an average weekly temperature of 46 °F and a maximum daily temperature of 55-56 °F and during the months of April through September shall in no case exceed an average weekly temperature of 65-66 °F and a maximum daily temperature of 75-74 °F. In any case, the ambient instream temperature should not be raised by more than 4 °F;

- B. For waterbodies that are stocked with trout:

shall in no case during the months of April through June exceed an average weekly temperature of 65-66 °F and a maximum daily temperature of 75-74 °F.

9. Typographical errors:

Pg iii. The purpose of these WQS is to provide ~~clean~~ clear and objective statements for existing and projected water quality and the general program to improve Connecticut’s water resources.

Notes to Table I, Appendix D

Note 12: North Canaan POTW to confluence with ~~Housatonic~~ **Housatonic** River

Page E-6

B. If an alternative to the proposed discharge activity is identified that would result in a reduction of the impact of such discharge or activity on water quality within the receiving water, but still significantly lower water quality, all technically and economically feasible alternatives and management practices should be required and applied in an Evaluation of Overriding Social and ~~Economics~~ **Economic** Need.

Page E-7

(v) the effect of the project on other services or programs and identification of ~~their~~ **the** appropriate agencies which have been notified of the proposed action;