



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 1  
1 Congress Street, Suite 1100  
BOSTON, MA 02114-2023**

September 21, 2007

Betsey Wingfield, Chief  
Bureau of Water Protection and Land Reuse  
Connecticut Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5127

Dear Ms. Wingfield:

Thank you for your submission of the State of Connecticut 2006 Clean Water Act Section 303(d) list of impaired waters. In accordance with §303(d) of the Clean Water Act and 40 CFR §130.7, the U.S. Environmental Protection Agency (EPA) conducted a complete review of Connecticut's 2006 §303(d) list and supporting documentation. Based on this review, EPA has determined that Connecticut's 2006 §303(d) list meets the requirements of §303(d) of the Clean Water Act and EPA's implementing regulations. Therefore, by this order, EPA hereby approves the State's list, submitted on December 18, 2006.

The submission includes a list of water bodies for which technology-based and other required controls for point and nonpoint sources are not stringent enough to attain or maintain compliance with the State's Water Quality Standards. As required, this list includes a priority ranking for each listed waterbody and specifically identifies waters targeted for total maximum daily load (TMDL) development in the next two years. A long-term schedule for developing TMDLs for all waters on its list was also provided. The statutory and regulatory requirements, and EPA's review of the State's compliance with these requirements, are described in detail in the enclosed approval document.

Assessments of state waters conducted under §§ 305(b) and 303(d) of the Clean Water Act should be prepared in a manner to support their submission to EPA by April 1 of even numbered years in accordance with §§ 305(b) and 303(d) of the Clean Water Act and 40 CFR §130.7. In addition, waters should be assessed using Water Quality Standards that are approved and in place at the time of the assessment.

The Connecticut Department of Environmental Protection (CT DEP) has successfully completed a public participation process that provided the public an opportunity to review and comment on the §303(d) list. Through this effort, Connecticut was able to consider and incorporate public comments in the development of the final list. A summary of the public comments and Connecticut's responses to public comments was included in the final submittal.

We are pleased with the quality of your submission and appreciate the level of effort that the CT DEP devoted to preparing its 2006 §303(d) list. Your staff has done an excellent job of preparing a comprehensive and informative list, and providing EPA with thorough supporting documentation and assistance. My staff and I look forward to continued cooperation with CT

DEP in implementing the requirements under §303(d) of the CWA. If you have any questions regarding EPA's review or this approval, please contact Steve Silva at (617) 918-1561 or have your staff contact Mary Garren at (617) 918-1322.

Sincerely,

/s/

Stephen S. Perkins, Director  
Office of Ecosystem Protection

Enclosure

cc: Paul Stacey, CT DEP  
Lee Dunbar, CT DEP  
Traci Iott, CT DEP  
Mary Becker, CT DEP  
Stephen Silva, EPA  
Lynne Hamjian, EPA  
Ann Williams, EPA  
Mary Garren, EPA

# **EPA NEW ENGLAND'S REVIEW OF CONNECTICUT'S 2006 CWA SECTION 303(d) LIST**

## **I. INTRODUCTION**

EPA has conducted a complete review of Connecticut's (CT) 2006 Section 303(d) list and supporting documentation and information and, based on this review, EPA has determined that Connecticut's list of water quality limited segments (WQLSs) still requiring total maximum daily loads (TMDLs) meets the requirements of Section 303(d) of the Clean Water Act ("CWA" or "the Act") and EPA implementing regulations. Therefore, by this order, EPA hereby approves Connecticut's 2006 final Section 303(d) list, submitted on November 14, 2006 and subsequently incorporated into the State's *2006 Integrated Water Quality Report to Congress submitted pursuant to the Federal Clean Water Act Sections 305(b) and 303(d)*, submitted on December 18, 2006. The statutory and regulatory requirements, and EPA's review of Connecticut's compliance with each requirement, are described in detail below.

The purpose of this review document is to describe the rationale for EPA's approval of Connecticut's 2006 Section 303(d) list. The following sections identify key elements to be included in the Section 303(d) list submittal based on the Clean Water Act and EPA regulations. See 40 CFR Section 130.7. The content of this review is based upon EPA *Guidance for 2006 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d), 305(b) and 314 of the Clean Water Act*, dated July 29, 2005 (U.S. EPA, 2005). EPA reviewed Connecticut's 2006 *Connecticut Consolidated Assessment & Listing Methodology for 305(b) and 303(d) Reporting* (CT CALM) used to develop the Section 303(d) list and the State's description of the data and information it considered during preparation of the list. EPA's review of Connecticut's Section 303(d) list is based on an analysis of whether the State reasonably considered all existing and readily available water quality-related data and information, and reasonably identified waters required to be listed. EPA also closely examined all the requests made by the State to remove water bodies from the 2006 Section 303(d) list that had appeared on the previous list in 2004 to ensure that only those which had the proper justification were allowed to be removed. The paragraphs below are arranged to reflect the organization of guidance from EPA, titled, *Recommended Framework for EPA Approval Decisions on 2002 State Section 303(d) List Submissions*, transmitted in a memorandum from EPA Headquarters dated May 20, 2002.

## **II. STATUTORY AND REGULATORY BACKGROUND**

### **Identification of WQLSs for Inclusion on Section 303(d) List**

Section 303(d)(1) of the Act directs states to identify those waters within their jurisdiction for which effluent limitations required by Section 301(b)(1)(A) and (B) are not stringent enough to implement any applicable water quality standard (WQS) and to establish a priority ranking for such waters, taking into account the severity of the pollution and the uses to be made of such waters. The Section 303(d) listing requirement applies to waters impaired by point and/or nonpoint sources, pursuant to EPA's long-standing interpretation of Section 303(d).

EPA regulations provide that states do not need to list waters where the following controls are adequate to implement applicable standards: (1) technology-based effluent limitations required by the Act, (2) more stringent effluent limitations required by state or local authority, and (3) other pollution control requirements required by state, local, or federal authority. See 40 CFR Section 130.7(b)(1).

### **Consideration of Existing and Readily Available Water Quality-Related Data and Information**

In developing Section 303(d) lists, states are required to assemble and evaluate all existing and readily available water quality-related data and information, including, at a minimum, consideration of existing and readily available data and information about the following categories of waters: (1) waters identified as partially meeting or not meeting designated uses, or as threatened, in the State's most recent Section 305(b) report; (2) waters for which dilution calculations or predictive modeling indicate non-attainment of applicable standards; (3) waters for which water quality problems have been reported by governmental agencies, members of the public, or academic institutions; and (4) waters identified as impaired or threatened in any Section 319 nonpoint assessment submitted to EPA. See 40 CFR Section 130.7(b)(5). In addition to these minimum categories, states are required to consider any other data and information that is existing and readily available. EPA guidance (U.S. EPA, 2005) describes categories of water quality-related data and information that may be existing and readily available. While states are required to evaluate all existing and readily available water quality-related data and information, states may decide to rely or not rely on particular data or information in determining whether to list particular waters.

In addition to requiring states to assemble and evaluate all existing and readily available water quality-related data and information, EPA regulations at 40 CFR Section 130.7(b)(6) require states to include as part of their submissions to EPA documentation to support decisions to rely or not rely on particular data and information and decisions to list or not list waters. Such documentation needs to include, at a minimum, the following information: (1) a description of the methodology used to develop the list; (2) a description of the data and information used to identify waters; and (3) any other reasonable information requested by the Region.

### **Priority Ranking**

EPA regulations also codify and interpret the requirement in Section 303(d)(1)(A) of the Act that states establish a priority ranking for listed waters. The regulations at 40 CFR Section 130.7(b)(4) require states to prioritize waters on their Section 303(d) lists for TMDL development, and also to identify those WQLSs targeted for TMDL development in the next two years. In prioritizing and targeting waters, states must, at a minimum, take into account the severity of the pollution and the uses to be made of such waters. See Section 303(d)(1)(A). As long as these factors are taken into account, the Act provides that states establish priorities. States may consider other factors relevant to prioritizing waters for TMDL development, including immediate programmatic needs, vulnerability of particular waters as aquatic habitats, recreational, economic, and aesthetic importance of particular waters, degree of public interest

and support, and state or national policies and priorities. See 57 FR 33040, 33045 (July 24, 1992), and EPA guidance (U.S. EPA, 2005).

### **III. REVIEW OF CONNECTICUT'S SECTION 303(d) SUBMISSION**

The Connecticut's Department of Environmental Protection (CT DEP) submitted a final 2006 Section 303(d) list to EPA, along with responses to comments, on November 14, 2006. The State submitted the 2006 integrated report on December 18, 2006. The integrated report included the final Section 303(d) list under review here. The 2006 Section 303(d) list includes all waters that have been assigned to EPA category 5 in accordance with the CT CALM. The Section 303(d) list contains decision ranking criteria for prioritizing EPA Category 5 waterbodies for TMDL development (Appendix C-4, page 3). Graphs that break down Category 5 waterbody segments by waterbody type and designated use are presented, as well as a table detailing the causes of impairment (Appendix C-4, pages 4-6).

The State submitted a draft Section 303(d) list along with supporting documentation to EPA for its review on July 5, 2006. Enclosures included the draft CT CALM, notification letter of the public comment period, and the public notice. Notification letters were sent to 290 individuals representing a wide variety of stakeholders groups and to each of Connecticut's 169 town governments. Officials in other New England states and the State of New York were also notified. The public notice was published in five Connecticut newspapers. A public informational meeting was held on July 25, 2006. EPA submitted comments on the draft list on August 17, 2006. Twelve parties, including EPA, submitted comments. In its final submission, the State gave responses to all comments, and explained the revisions made to the list prior to its submission to EPA for final approval.

- 1.) The final 2006 State of Connecticut Integrated Water Quality Report to Congress includes the following components:

- Appendix B-1: Category 1 Waters, All Uses Supported;
- Appendix B-2: Category 2 Waters, One or More Uses Supported;
- Appendix B-3: Category 3 Waters, One or More Uses Not Assessed;
- Appendix C-1: EPA Category 4-A waters – TMDL has been developed and approved;
- Appendix C-2: EPA Category 4-B waters – Other pollution control requirements have been established to address the impaired water;
- Appendix C-3: EPA Category 4-C waters – Impairment is caused by pollution but not a pollutant;
- Appendix C-4: EPA Category 5 waters – Waters impaired according to Section 303(d) of the Clean Water Act and TMDLs may be needed;
- Appendix C-5: Reconciliation of the 2004 and 2006 Impaired Waters Lists;
- Appendix C-6: List of Acronyms; and
- Appendix C-7: References.

Connecticut has included all waters known or suspected not to be meeting water quality standards on the Section 303(d) list. Under its current listing approach, Connecticut keeps a waterbody on its impaired waters list until it is shown that water quality standards are being

attained, criteria are met for its placement in EPA Category 4, or the initial listing was incorrect. TMDLs for listed waters will be completed in accordance with the schedule established for its specific group, which reflect priority rankings and other relevant factors.

EPA Category 4 includes waters that are currently not meeting water quality standards but do not need a TMDL completed due to one of three reasons. Category 4-A lists waters for which a TMDL has already been approved. Category 4-B includes waters for which a “functionally equivalent” control action has been developed. An impairment caused by a pollutant is being addressed through other pollution control requirements. Waters in Category 4-C are not attaining water quality standards but the cause is not associated with a pollutant. EPA reviews the Category 4 list to insure that the waters are categorized appropriately and do not belong in Category 5.

EPA Category 5 contains waters where available data and/or information indicates that the water is impaired or threatened by pollutants for one or more designated uses and a TMDL is required. Federal Regulations in 40 CFR Section 130.7 requires EPA to review and approve or disapprove the Category 5 list of impaired waters.

## 2.) Response to public comments

CT DEP published a draft *2006 List of Connecticut Waterbodies Not Meeting Water Quality Standards* on July 6, 2006. Stakeholders were notified by mail and by public notice in local newspapers. A public informational meeting was held on July 25, 2006. Comments were accepted from the public until August 21, 2006. Twelve parties, including EPA, submitted comments. The State provided a detailed Responsiveness Summary along with submission of the final impaired waters list on November 14, 2006. CT DEP provided a copy of each comment letter attached to the Responsiveness Summary. The text of the Responsiveness Summary grouped the public comments and provided the State’s responses to each question or issue raised. EPA has reviewed CT DEP’s responses and concludes that Connecticut has adequately responded to the public comments.

## **IV. IDENTIFICATION OF WATERS AND CONSIDERATION OF EXISTING AND READILY AVAILABLE WATER QUALITY-RELATED DATA AND INFORMATION**

EPA has reviewed the State’s submission, and has concluded that the State developed its Section 303(d) list in compliance with Section 303(d) of the Act and 40 CFR Section 130.7. EPA’s review is based on its analysis of whether the State reasonably considered existing and readily available water quality-related data and information and reasonably identified waters required to be listed.

The State of Connecticut uses sources of data and information consistent with EPA guidance (U.S. EPA, 2005) when conducting the State’s water quality assessments. These data include:

- ◆ Results from recent ambient monitoring;
- ◆ Recent Sections 305(b) reports, 303(d) lists, and 319(a) nonpoint assessments;
- ◆ Reports of water quality problems provided by local, state, territorial or federal agencies, volunteer monitoring networks, members of the public or academic institutions;

- ◆ Fish and shellfish advisories, restrictions on water sports or recreational contact;
- ◆ Reports of fish kills or abnormalities (deformities, lesions, tumors);
- ◆ Data and maps identifying the extent of summer hypoxia in Long Island Sound;
- ◆ Safe Drinking Water Act source water assessments;
- ◆ Superfund and Resource Conservation and Recovery Act reports; and
- ◆ Results from predictive modeling, dilution calculations or landscape analysis.

The CT CALM specifies that, “the primary sources of assessment information for rivers are ambient monitoring data collected by CT DEP monitoring staff, and physical, chemical and bacteria data collected at fixed sites by the United States Geological Survey (USGS). Lake assessments and trophic status are generally determined from studies conducted by CT DEP, the Connecticut Agricultural Experiment Station, USGS and Connecticut College since 1979 (Frink and Norvell 1984, Canavan and Siver 1995, Healy and Kulp 1995, CT DEP 1998) as well as recent studies by professional contractors. For estuaries, use assessments are based primarily on physical, chemical and biological monitoring by the CT DEP for the Long Island Sound Study and National Coastal Assessment (Strobel 2000), bacterial monitoring for shellfish sanitation by the CT Department of Agriculture, Bureau of Aquaculture (CT DA-BA), and beach monitoring by state and local authorities. Reasonable efforts are also made to incorporate data from other state and federal agencies, municipalities, utilities, consultants, academia, and volunteer monitoring groups.”

Connecticut relies upon data from many sources to assess whether a waterbody is meeting water quality standards and maintaining the water’s designated uses. These sources are outlined above and in the CT CALM. The types of data used to assess the status of a waterbody may include: ambient physical and chemical, benthic invertebrate and fish community, indicator bacteria, aquatic toxicity, tissue contaminant, sediment chemistry/toxicity and effluent analysis. The data must meet the threshold of being “sufficient and credible,” meaning that the data is scientifically defensible by an experienced professional. Data that meet that requirement are then used to assess the status of the waterbody. The assessment methodology used by Connecticut is clearly described in the CT CALM.

CT DEP addresses mercury impairment of surface waters as per the CT CALM. Waters that are specifically listed in Category 5 as impaired for mercury have specific fish consumption advisories that are the result of local pollution sources. Additionally, “all waterbodies where statewide fish consumption advisories have been established due to atmospheric deposition of mercury from sources outside the state jurisdictional borders are implicitly included in EPA Category 5 (“303(d) listed”).” (See Appendix C-4, pages 1 and 2, of the 2006 Section 303(d) list.)

In order to prepare the 2006 Section 303(d) list, the State established a date by which data would be considered for this listing cycle. Data collected through April 1, 2005 are relied upon for these assessments. Connecticut permitted data from catastrophic events, such as fish kills and chemical spills, to be used in the assessment if collected prior to March 30, 2006. Data from lake macrophyte surveys and Long Island Sound surveys obtained during the summer of 2005 were considered. Assessment data are maintained by the State in the EPA Section 305(b) Assessment Database (ADB) version 2.2.0, as well as a number of databases designed for CT

DEP use.

EPA has reviewed Connecticut's description of the data and information considered in development of the Section 303(d) list, including but not limited to the State's methodology for identifying waters, data in ADB, and the Connecticut water quality standards. EPA concludes that the State properly assembled and evaluated all existing and readily available data and information, including data and information relating to the categories of waters specified in 40 CFR Section 130.7(b)(5).

The State provided its rationale for not relying on particular existing and readily available water quality-related data and information as a basis for listing waters. Details as to why certain waters were not listed are provided in CT DEP's Response to Comments. Waters included in Category 5 of the 2006 Section 303(d) list were assessed using the CT CALM. Based upon that assessment, a total of 279 waterbody segments have been assigned to Category 5 of the impaired waters list.

### **New Impairments**

The State added 46 new waterbody segments to Category 5 in 2006. Each newly listed segment in Table 1 is impaired for commercial shellfish harvesting, recreation and/or habitat for fish, other aquatic life and wildlife.

The unnamed tributary to Easton River at Snow Farm (CT7108-05\_02) is the one newly listed segment that has been added to correct an error from the last listing cycle (see Table 1 above). It was included as part of another impaired segment in 2004; however, the two waters are not connected. This new listing fixes that administrative error.

**Table 1 - New Waterbody Segments added to Connecticut's 2006 Section 303(d) List**

| <u>Waterbody Name</u>                | <u>Water Segment ID #</u> | <u>Use Impairment</u> |
|--------------------------------------|---------------------------|-----------------------|
| Stonington Harbor-03                 | CT2001-E_03               | shellfishing          |
| Long Island Sound East (Offshore)-04 | CT2006-E-04               | shellfishing          |
| Outer Quianbaug Cove-03              | CT2102-E_03               | shellfishing          |
| Beebe Cove-03                        | CT2106-E_03               | shellfishing          |
| Mystic River Estuary-04              | CT2106-E_04               | shellfishing          |
| Bride Brook-02                       | CT2206-00_02              | habitat               |
| Thames River Estuary-01              | CT3000-E_01               | habitat               |
| Amos Lake (Preston)                  | CT3002-02-1-L2_01         | recreation            |
| Crandau Pond (Tolland)               | CT3106-00-2-L2_01         | recreation            |
| Bicentennial Pond (Mansfield)        | CT3207-16-1-L1_01         | recreation            |
| Broad Brook (Preston)-01             | CT3716-00_01              | habitat               |
| Mad River (Winchester)-01            | CT4302-00_01              | habitat               |
| Still River (Colebrook)-02           | CT4303-00_02              | habitat               |
| Still River (Winstead)-03            | CT4303-00_03              | habitat               |
| Poland River-02 *                    | CT4313-00_02              | recreation            |
| Pequabuck River-05                   | CT4315-00_05              | recreation            |
| Pequabuck River-06                   | CT4315-00_06              | recreation            |
| Charters Brook-01                    | CT4501-00_01              | recreation            |
| East Branch Willow Brook-01          | CT4600-27_trib_01         | recreation            |



|                                                    |                   |                       |
|----------------------------------------------------|-------------------|-----------------------|
| Hatchery Brook-01                                  | CT4601-02_01      | habitat               |
| Beseck Lake (Middlefield)                          | CT4607-10-1-L1_01 | recreation, habitat   |
| Cabin Brook-01                                     | CT4703-01-1       | habitat               |
| Gay City Pond (Hebron)                             | CT4707-00-2-L2_01 | recreation            |
| Pocotopaug Lake                                    | CT4709-04-1-L1_01 | recreation            |
| Long Island Sound Central (Offshore)-02b           | CT5004-E_02b      | habitat, shellfishing |
| Long Island Sound Central (Offshore)-02c           | CT5004-E_02c      | habitat               |
| Clinton Harbor and Hammonasset River-05            | CT5106-E_05       | shellfishing          |
| Branford Harbor (River Portion)-03                 | CT5111-E_03       | shellfishing          |
| New Haven Harbor Offshore-06                       | CT5200-E_06       | habitat               |
| Mixville Pond (Cheshire)                           | CT5202-00-1-L3_01 | recreation            |
| Misery Brook-01                                    | CT5203-00_01      | recreation, habitat   |
| Allen Brook-01                                     | CT5207-02_01      | recreation            |
| Hatch Pond (Kent)                                  | CT6016-00-1-L3_01 | recreation, habitat   |
| Naugatuck River-06                                 | CT6900-00_06      | recreation            |
| Hop Brook (Naugatuck)-01                           | CT6916-00_01      | recreation            |
| Long Meadow Pond Brook-01                          | CT6917-00_01      | recreation            |
| Indian River (Westport)-02                         | CT7000-22_02      | recreation            |
| Outer Bridgeport Harbor-03                         | CT7002-E_03       | shellfishing          |
| Pequonnock River-03                                | CT7105-00_03      | habitat               |
| Unnamed tributary, Easton Reservoir (Snow Farm)-02 | CT7108-05_02      | habitat               |
| Southport (Pine Creek)-05                          | CT7108-E_05       | shellfishing          |
| Unnamed trib to Sasco Brook-01                     | CT7109-00-trib-01 | recreation            |
| Great Brook (Fairfield)-01                         | CT7109-06_01      | recreation            |
| Saugatuck River Estuary-03                         | CT7200-E_03       | shellfishing          |
| Silvermine River-02                                | CT7302-00_02      | recreation            |
| Mamanasco Lake (Ridgefield)                        | CT8104-00-2-L5_01 | recreation, habitat   |

Six waterbody segments identified in Table 2 were split into smaller multiple segments. Connecticut engaged in a major effort to resegment the State's coastline and better define the impaired areas. Long Island Sound, its embayments, and river-mouth estuaries were divided into 120 assessment units with separate waterbody segment ID numbers (CT CALM). Many of the new waterbody segments that have been added to the 2006 Section 303(d) list are the result of the refinements made to more accurately portray the areas that are impaired. These newly defined impaired segments are separated from the unimpaired reaches of the waterbody segment as they were listed on the 2004 Section 303(d) list.

**Table 2 - Waters in Category 5 on the 2004 List that have been split into 2 or more segments in 2006**

- Yantic Pond & tributary-Norwich Landfill (CT3900-00\_01pd & trib\_01) has been split into Unnamed Trib, Yantic River (Norwich Landfill)-01 (CT3900-00\_trib\_01) and Browning Pond (Norwich Landfill)-01 (CT3900-00-UL\_pond\_01).
- Hockanum River-04 (CT4500-00\_04) has been split into Hockanum River-04a (CT4500-00\_04a) and Hockanum River-04b (CT4500-00\_04b).
- Hockanum River-06 (CT4500-00\_06) has been split into Hockanum River-06a (CT4500-00\_06a) and Hockanum River-06b (CT4500-00\_06b).
- Mad River (Waterbury)-03 (CT6914-00\_03) has been split into Mad River (Waterbury)-03a (CT6914-00\_03a) and Mad River (Waterbury)-03b (CT6914-00\_03b). Mad River (Waterbury)-03b is then being fully delisted to Category 1 (see Table 4 below).

- Mill River\_02 (CT7108-00\_02) has been split into Mill River (Fairfield/Easton)-02a (CT7108-00\_02a) and Mill River (Fairfield/Easton)-02b (CT7108-00\_02b). Mill River (Fairfield/Easton)-02a is then being delisted to Category 1 and also remains in Category 4a (see Tables 4 and 6 below).
- Norwalk River-03 (CT7300-00\_03) has been split into Norwalk River-03a (CT7300-00\_03a) and Norwalk River-03b (CT7300-00\_03b). Norwalk River-03b is then being delisted to Category 1 and also remains in Category 4-A (see Tables 4 and 6 below).

Eleven waterbody segments identified in Table 3 remain on the list from 2004 and have had a new impairment added in 2006.

**Table 3 - Waters in Category 5 on the 2004 List with a new impairment added in 2006**

| <u>Waterbody Name</u>                               | <u>Water Segment ID #</u> | <u>Use Impairment added</u> |
|-----------------------------------------------------|---------------------------|-----------------------------|
| Pequebuck River-03                                  | CT4315-00_03              | recreation                  |
| Hayden Creek-02                                     | CT5106-E_02               | shellfishing                |
| Farm River (East Haven)-02                          | CT5112-00_02              | drinking water              |
| Quinnipiac River-06                                 | CT5200-00_06              | recreation                  |
| Quinnipiac River-07                                 | CT5200-00_07              | recreation                  |
| New Haven Harbor Offshore-05                        | CT5200-E_05               | shellfishing                |
| Harbor Brook (Meriden)-01                           | CT5206-00_01              | recreation                  |
| Harbor Brook (Meriden)-02                           | CT5206-00_02              | recreation                  |
| Housatonic River Estuary (Ferry Creek and Shore)-03 | CT6000-E_03               | recreation                  |
| Westcott Cove (Cove)-01                             | CT7006-E_01               | recreation                  |
| Byram River-01                                      | CT7411-00_01              | recreation                  |

While EPA is not acting to approve or disapprove Connecticut's listing methodology, we have reviewed the material and we conclude that the methodology CT DEP used to develop the impaired waters list is reasonable and consistent with Connecticut's water quality standards, and with the Clean Water Act and EPA Section 303(d) regulations and guidelines.

## **Delistings**

For the 2006 Section 303(d) list cycle, the State has, in its November 14, 2006 submittal, delisted some or all of the impairments in eighteen water body segments included on the 2004 Section 303(d) list, either because they are now meeting water quality standards, or they were originally listed by mistake and there are no data to support a determination of impairment. The following tables provide a summary of waterbody segments partially or fully delisted from 2004 to 2006. These segments were listed in Category 5 in 2004 and are being completely or partially moved off the Section 303(d) list in this assessment cycle. CT DEP supplied up-to-date information on all the State's waters as part of this assessment cycle. Information supporting full and partial delistings is available for review in the EPA ADB. Eighteen waterbody segments are being fully or partially delisted from Category 5 in the 2006 assessment cycle.

### Full Delistings

There are 11 waterbody segments that are meeting all their designated uses and water quality criteria and are therefore being completely delisted from Category 5 and placed in Category 1 (see Table 4 below). Four of the 11 waterbodies were mistakenly listed in 2004 due to an administrative errors. Pattagansett River-01 and Pattagansett River-02 were mistakenly listed for habitat impairment. There was then and is now no assessment supporting those listings. Bungee Brook-01 and Still River (Eastford)-01 were listed in 2004 for recreational impairments. Those waters were fully supporting recreational use at that time and there is no recent data to support their classification as impaired.

Another 3 of the 11 waterbody segments have been subdivided into two. The impaired segment of the waterbody remains in Category 5, while the unimpaired segment is being fully delisted. Mad River (Waterbury)-03b, Mill River (Fairfield-Easton)-02a, and Norwalk River-03b are being delisted as the result of CT DEP's efforts to more specifically locate the impaired reach of these particular waterbodies. The waterbody as it was listed in 2004 was divided into the impaired and unimpaired reaches (segments 'a' and 'b') with the unimpaired segment being fully delisted in this 2006 listing cycle.

CT DEP has determined that the remaining 4 of the 11 waterbody segments are meeting their designated uses and WQS. Natchaug River-02, French River-01, Quinebaug River-07, and Farmington River-02 were all assessed on April 2, 2006 by water column surveys for fecal coliform. Narrative surface water quality standards #23, #25 and Appendix B (water quality criteria for bacterial indicators of sanitary quality) of the CT WQS are used to assess whether these waterbodies are attaining WQS or are impaired. Each of these waterbodies was found to be in attainment of the single sample maximum criteria, geometric mean criteria, and narrative standards. All four segments were consequently found to be attaining water quality standards and meeting their designated uses for recreation.

**Table 4 - Waters fully delisted – moved from Category 5 to Category 1**

| <u>Waterbody Name</u>             | <u>Water Segment ID #</u> | <u>Reason for Full Delisting</u>                         |
|-----------------------------------|---------------------------|----------------------------------------------------------|
| Pattagansett River-01             | CT2205-00_01              | mistakenly listed                                        |
| Pattagansett River-02             | CT2205-00_02              | mistakenly listed                                        |
| Natchaug River-02                 | CT3200-00_02              | meets WQS                                                |
| Bungee Brook-01                   | CT3201-00_01              | mistakenly listed                                        |
| Still River (Eastford)-01         | CT3202-00_01              | mistakenly listed                                        |
| French River-01                   | CT3300-00_01              | meets WQS                                                |
| Quinebaug River-07                | CT3700-00_07              | meets WQS                                                |
| Farmington River-02               | CT4300-00_02              | meets WQS                                                |
| Mad River (Waterbury)-03b         | CT6914-00_03b             | impaired segment split off,<br>03a remains in Category 5 |
| Mill River (Fairfield-Easton)-02a | CT7108-00_-2a             | impaired segment split off,<br>02b remains in Category 5 |
| Norwalk River-03b                 | CT7300-00_03b             | impaired segment split off,<br>03a remains in Category 5 |

### Partial Delistings

There are 7 waterbody segments being partially delisted (see Table 5 below). These 7 segments remain listed in Category 5 for other impairments. Two segments are meeting WQS for one of their impairments. Quinebaug River-01 was impaired for recreational use. Elimination of a combined sewer overflow in 2005 and attainment of water quality standards as demonstrated by a subsequent water quality survey are the basis for this partial delisting. Edgewood Park Pond (New Haven) was listed in 2004 for habitat impairment. CT DEP and the City of New Haven engaged in a Section 319-funded contract to evaluate and remediate the pond. Dredging as part of the pond restoration has alleviated problems with sedimentation and siltation. The pond now meets its designated use as habitat for fish, other aquatic life and wildlife.

Four segments were mistakenly listed for one of their impairments due to administrative errors. Niantic Bay (Upper Bay and River)-02 and Union Pond (Manchester) were both mistakenly listed without any data to support the existence of recreational impairments. There is no data to support listing these two waters for recreational use impairments. They are being partially removed from the impaired waters list. Norwalk River-Adjacent Waters-03 was mistakenly included on the 2004 Section 303(d) list as within the area affected by summer hypoxia that leads to impairment of habitat for fish, other aquatic life and wildlife. There are no data to support that assessment. This same segment is also being partially delisted because it now meets its designated use for recreation as demonstrated by water quality surveys. Stamford Harbor-E&W Branches-01 was mistakenly listed for recreational impairment in 2004. There are no data to support listing the Harbor for a recreational impairment.

Silver Lake (Berlin/Meriden) is the seventh segment being partially delisted in this listing cycle. Silver Lake was listed as impaired for secondary contact recreation due to the presence of dense nuisance aquatic weeds. Completion of a lake restoration program, including dredging of 450,000 cubic yards of sediment, has resulted in the waterbody now meeting its designated use for recreation. This was confirmed by CT DEP through a vegetative growth survey completed by CT DEP upon completion of the dredging and observation of increased boating and other recreation use. In accordance with the CT CALM, Silver Lake is no longer impaired for secondary contact recreation. Silver Lake remains in Category 5 for impairment of habitat for fish, other aquatic life and wildlife use.

**Table 5 - Waters partially delisted – remaining in Category 5 for another impairment**

| <u>Waterbody Name</u>                | <u>Water Segment ID #</u> | <u>Reason for Partial Delisting</u>                 |
|--------------------------------------|---------------------------|-----------------------------------------------------|
| Niantic Bay (Upper Bay and River)-02 | CT2204-E_02               | mistakenly listed                                   |
| Quinebaug River-01                   | CT3700-00_01              | meets WQS                                           |
| Union Pond (Manchester)              | CT4500-00-3-L3_01         | mistakenly listed                                   |
| Silver Lake (Berlin/Meriden)         | CT4601-00-1-L2_01         | restoration complete                                |
| Edgewood Park Pond (New Haven)       | CT5305-00-3-L1_01         | meets WQS                                           |
| Norwalk River-Adjacent Waters-03     | CT7300-E_03               | mistakenly listed; meets WQS for contact recreation |
| Stamford Harbor-E&W Branches-01      | CT7405-E_01               | mistakenly listed                                   |

Appendix C-5 of the 2006 Section 303(d) list provides a full detailed reconciliation of all the changes made between the 2004 and 2006 Section 303(d) lists. The reconciliation is included here as Appendix A of this approval template.

For each of the full and partial delistings described above, EPA agrees that the State has reasonably concluded that the waters no longer need to be on the 303(d) list either because they are now meeting WQS for the identified impairment or because the original basis was in error and there are no data indicating that the water was or is impaired.

#### Category 4

The following tables show a summary of previously Section 303(d)-listed waterbodies that are not listed in Category 5 of this 2006 Section 303(d) list. These segments remain impaired for one or more designated use, but do not need a TMDL for one of three reasons specified. Waterbody segments in Category 4-A (Table 6 below) have a State developed TMDL which has been approved by EPA during the 2006 listing cycle. Segments listed in Category 4-B (Table 7 below) have other required control measures which are expected to result in attainment of an applicable water quality standard in a reasonable period of time. Category 4-C (Table 8 below) contains waterbody segments for which the State has demonstrated that the failure to meet water quality standards is not caused by a pollutant, but rather by other types of pollution.

##### Category 4-A

For the waterbodies removed from the 2004 Section 303(d) list to Category 4-A, TMDLs for the pollutant of concern have been completed and approved by EPA. All TMDLs approved during the 2006 listing cycle are identified in Table 6.

| <b>Table 6 - Waters fully or partially moved from Category 5 to Category 4-A – TMDL completed</b> |                                                                          |                                                 |                                                   |                     |                                           |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------|---------------------|-------------------------------------------|
| <u>Waterbody Name</u>                                                                             | <u>Waterbody Segment ID</u>                                              | <u>Waterbody Towns</u>                          | <u>Impairment Addressed</u>                       | <u>EPA Approved</u> | <u>TMDL Parameter(s)</u>                  |
| Allen Brook Pond                                                                                  | CT5207-02-1-L1_01                                                        | Farmington<br>New Britain                       | Contact<br>Recreation                             | 12/16/2004          | Total<br>Phosphorus,<br>Total<br>Nitrogen |
| Allen Brook                                                                                       | CT5207-02_01<br>CT5207-01_02                                             | Farmington<br>New Britain                       | Contact<br>Recreation                             | 12/16/2004          | Total<br>Phosphorus,<br>Total<br>Nitrogen |
| Batterson Park Pond                                                                               | CT4401-00-1-L1_01                                                        | Farmington<br>New Britain                       | Contact<br>Recreation                             | 12/16/2004          | Total<br>Phosphorus,<br>Total<br>Nitrogen |
| Belcher Brook                                                                                     | CT4601-00_01                                                             | Berlin                                          | Contact<br>Recreation                             | 7/29/2005           | E. coli                                   |
| Cedar Pond                                                                                        | CT5111-09-1-L1_01                                                        | North Branford                                  | Aquatic Life<br>Support,<br>Contact<br>Recreation | 12/29/2005          | Total<br>Phosphorus                       |
| Coginchaug River                                                                                  | CT4607-00_02, CT4607-00_03<br>CT4607-00_04, CT4607-00_05<br>CT4607-00_06 | Middletown<br>Middlefield<br>Durham<br>Guilford | Contact<br>Recreation                             | 7/29/2005           | E. coli                                   |

|                                 |                                                                                              |                                            |                                             |            |                                     |
|---------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------|------------|-------------------------------------|
| Coles Brook                     | CT4601-22_01                                                                                 | Cromwell                                   | Contact Recreation                          | 7/29/2005  | E. coli                             |
| Gay City Pond                   | CT4707-00-2-L2_01                                                                            | Bolton<br>Hebron                           | Contact Recreation                          | 1/4/07     | E. coli                             |
| John Hall Brook                 | CT4600-05_01<br>CT4600-05_02                                                                 | Berlin                                     | Contact Recreation                          | 7/29/2005  | E. coli                             |
| Linsley Pond                    | CT5111-09-1-L2_01                                                                            | North Branford<br>Branford                 | Aquatic Life Support,<br>Contact Recreation | 12/29/2005 | Total Phosphorus                    |
| Little Brook<br>(Rocky Hill)-01 | CT4600-07_01                                                                                 | Rocky Hill<br>Berlin<br>Newington          | Contact Recreation                          | 7/29/2005  | E. coli                             |
| Mattabesset River               | CT4600-00_01, CT4600-00_02<br>CT4600-00_03, CT4600-00_04<br>CT4600-00_06                     | Cromwell<br>Middletown<br>Berlin           | Contact Recreation                          | 7/29/2005  | E. coli                             |
| Mill River                      | CT7108-00_02                                                                                 | Fairfield<br>Easton                        | Contact Recreation                          | 5/4/2005   | E. coli                             |
| Miner Brook                     | CT4600-26_01                                                                                 | Middletown                                 | Contact Recreation                          | 7/29/2005  | E. coli                             |
| Naugatuck River                 | CT6900-00_05                                                                                 | Thomaston                                  | Aquatic Life Support                        | 8/17/05    | Toxicity                            |
| Norwalk River                   | CT7300-00_01, CT7300-00_02<br>CT7300-00_03(a), CT7300-00_03(b)<br>CT7300-00_04, CT7300-00_05 | Norwalk<br>Wilton<br>Redding<br>Ridgefield | Contact Recreation                          | 2/16/2006  | E. coli                             |
| Ridgefield Brook                | CT7300-02_01<br>CT7300-02_02                                                                 | Ridgefield                                 | Contact Recreation                          | 2/16/2006  | E. coli                             |
| Rooster River                   | CT7106-00_01                                                                                 | Fairfield<br>Bridgeport                    | Contact Recreation                          | 5/4/2005   | E. coli                             |
| Sasco Brook                     | CT7109-00_01<br>CT7109-00_02                                                                 | Fairfield<br>Westport                      | Contact Recreation                          | 5/4/2005   | E. coli                             |
| Sawmill Brook                   | CT4604-00_01                                                                                 | Norwalk                                    | Contact Recreation                          | 7/29/05    | E. coli                             |
| Schreeder Pond                  | CT5105-00-2-L1_01                                                                            | Killingworth                               | Contact Recreation                          | 12/16/2004 | Total Phosphorus,<br>Total Nitrogen |
| Silvermine River                | CT7302-00_01                                                                                 | Norwalk                                    | Contact Recreation                          | 2/16/2006  | E. coli                             |
| Spruce Brook                    | CT4600-13_01                                                                                 | Berlin<br>Middletown                       | Contact Recreation                          | 7/29/2005  | E. coli                             |
| Webster Brook                   | CT4603-00_01                                                                                 | Berlin<br>Newington<br>New Britain         | Contact Recreation                          | 7/29/2005  | E. coli                             |
| Willow Brook<br>(Cromwell)-01   | CT4600-27_01                                                                                 | Cromwell                                   | Contact Recreation                          | 7/29/2005  | E. coli                             |

|                                  |              |             |                       |           |         |
|----------------------------------|--------------|-------------|-----------------------|-----------|---------|
| Willow Brook<br>(New Britain)-01 | CT4602-00_01 | New Britain | Contact<br>Recreation | 7/29/2005 | E. coli |
|----------------------------------|--------------|-------------|-----------------------|-----------|---------|

#### Category 4-B

The State's decision to include waters in Category 4-B rather than on its 2006 Section 303(d) list is consistent with EPA regulations at 40 CFR Section 130.7(b)(1). These waters were previously identified on the State's 2004 Section 303(d) list. Under 40 CFR Section 130.7(b)(1), states are not required to list impaired waters where effluent limitations required by the CWA, more stringent effluent limitations required by state or local authority, or other pollution control requirements required by state, local, or federal authority, are stringent enough to implement applicable water quality standards. The regulation does not specify the time frame in which these various requirements must implement applicable water quality standards to support a state's decision not to list particular waters. EPA guidance states that water quality standards must be attained within the near future (U.S. EPA, 2005).

Monitoring should be scheduled for these waters to verify that the water quality standard is attained as expected in a reasonable time frame. Where standards will not be attained through implementation of the requirements listed in 40 CFR Section 130.7(b)(1) in a reasonable time, it is appropriate for the water to be placed on the Section 303(d) list to ensure that implementation of the required controls and progress towards compliance with applicable standards is tracked. If it is determined that the water is, in fact, meeting applicable standards when the next Section 303(d) list is developed, it would be appropriate for the State to remove the water from the list at that time.

In this case, the State has placed waters in Category 4-B pursuant to 40 CFR Section 130.7(b)(1)(iii). To support this decision, the state must demonstrate, consistent with the regulation and EPA guidance (U.S. EPA, 2005), that there are other pollution control requirements required by state, local, or federal authority that are sufficient to achieve applicable water quality standards for the pollutants of concern within a reasonable period of time. In evaluating whether a particular set of pollution controls are in fact "requirements" as specified in EPA regulations, the Agency will consider a number of factors including: (1) authority (local, state, federal) under which the controls are required, (2) existing commitments, (3) the availability of dedicated funding, and (4) other relevant factors. CT DEP and EPA will evaluate waters listed in Category 4-B during subsequent listing cycles to ensure that they continue to meet the criteria and do not warrant placement in Category 5.

Two waterbody segments were moved to Category 4-B in the 2006 listing cycle (see Table 7 below). Perkins Brook-01 is impaired for habitat for fish, other aquatic life and wildlife. Historical discharges to the brook during the manufacture of uranium fuel rods for the military resulted in sediment contaminated with uranium and cobalt. The site is a privately-owned Formerly Utilized Defense Site (FUDS). The Superfund Amendments and Reauthorization Act of 1986 (SARA) amended the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and also created, through §211, the Defense Environmental Restoration Program (DERP). DERP assigns the Secretary of Defense the responsibility to carry out response actions for environmental contamination at FUDS. Interim corrective measures under RCRA Corrective Action were taken by Combustion Engineering, Inc. to remove contamination and were overseen by the Army Corps of Engineers. The Nuclear Regulatory Commission, in consultation with the Army Corps and the State of Connecticut, will complete a final

decommissioning report for the site within the next two months. Instream sediment removal will be completed within 2-3 years under the Formerly Utilized Sites Remedial Action Program (FUSRAP). Sediment cleanup levels for radionuclides are 19 milliRem as required by the State of Connecticut. The cleanup level in sediments is protective of both human health and the environment and consistent with CT WQS #14. The State ensures that hazardous waste remediation sites in Connecticut must adhere to CT WQS as specified in Standard #14. The Surface Water Protection criteria used by the State's remediation programs are based on the Water Quality Criteria as contained in the Connecticut WQS.

The unnamed tributary to Oyster River (Milford)-02 is also impaired for habitat for fish, other aquatic life and wildlife. Mercury discharges from Light Sources Inc., a manufacturer of light bulbs, resulted in sediment contamination. A court-issued clarification (12/04/03) of the court's Memorandum of Decision (05/27/03) requires remediation of the sediments to a level at which habitat will be restored. CT DEP reports that the unnamed tributary currently meets instream WQS and they will continue to assess that WQS are being met after final completion of the sediment remediation. Sediment will be remediated to a level of 0.2 mg/kg of mercury. The instream cleanup level for mercury in the sediments of the unnamed tributary to Oyster Brook must be protective of both human health and the environment and consistent with CT WQS #14.

EPA has determined that both Perkins Brook-01 and the unnamed tributary to Oyster River (Milford)-02 are appropriate for listing in Category 4-B. Perkins Brook-01 and Oyster River (Milford)-02 are determined to be adequately regulated under the FUSRAP and a judicial Memorandum of Decision, respectively. The State of Connecticut is actively involved in the cleanup of both waterbodies. The State and EPA will continue to assess the brook and river in subsequent listing cycles to determine if they remain appropriate for listing in Category 4-B or if they warrant placement into Category 5 again.

**Table 7 - Waters moved from Category 5 to Category 4-B – other pollution control in place**

| <u>Waterbody Name</u>                     | <u>Water Segment ID #</u> | <u>Other requirements in place</u> |
|-------------------------------------------|---------------------------|------------------------------------|
| Perkins Brook-01                          | CT4300-48_01              | CERCLA Record of Decision          |
| Unnamed trib to Oyster River (Milford)-02 | CT5000-55_02              | Judicial Memorandum of Decision    |

#### Category 4-C

The State has demonstrated that the waterbody segments moved into Category 4-C are not attaining water quality standards as the result of pollution rather than the presence of a pollutant (Table 8 below). The Clean Water Act defines pollution as "the man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water." Recreation at Wyassup Lake is impaired due to the presence of Eurasian Milfoil, a non-native invasive species of plant. The lake was mistakenly listed in 2004 as being impaired by a pollutant. Invasive plants are not classified as a pollutant but rather a form of pollution. Based upon a macrophyte survey there is no evidence of excess nutrient loading fostering the growth of this invasive species. This distinction makes placement of the lake in Category 4-C appropriate.

Branch Brook-02 was also mistakenly listed in 2004 as being impaired by a pollutant. The brook runs very dry below the Wigwam Dam causing impairment to the habitat for fish, other aquatic life and wildlife. Impacts from hydrostructure flow regulation/modification are alterations to the



brook's water flow which are considered human-induced pollution. Branch Brook-02 is appropriate for listing under Category 4-C.

**Table 8 - Waters moved from Category 5 to Category 4-C – not impaired by a pollutant**

| <u>Waterbody Name</u> | <u>Water Segment ID #</u> | <u>Cause of impairment</u> |
|-----------------------|---------------------------|----------------------------|
| Wyassup Lake          | CT1001-00-1-L1_01         | non-native plants          |
| Branch Brook-02       | CT6910-00_02              | flow regime alterations    |

In summary, EPA recognizes that Connecticut's delisting in 2006 of these previously Section 303(d)-listed waterbodies has been done in accordance with Connecticut's 2006 listing methodology (CT CALM) and consistent with Connecticut's water quality standards. As provided in 40 CFR Section 130.7(b)(6)(iv), EPA requested that the State demonstrate good cause for not including these waters on its Section 303(d) list. The text of the 2006 list, including Appendix A of this approval document, and the data that CT DEP enters into EPA's ADB present good cause for the State to include these waters in Category 4 of its 2006 integrated report.

### **Priority Ranking**

EPA also reviewed the State's priority ranking of listed waters for TMDL development, and concludes that the State properly took into account the severity of pollution and the uses to be made of such waters, as well as other relevant factors such as the complexity of the impairment and availability of quality information on it, and the likelihood that a remedy might be implemented before a TMDL could be developed. In addition, EPA reviewed the State's identification of WQLSs targeted for TMDL development in the next two years, and concludes that the targeted waters are appropriate for TMDL development in this time frame. Connecticut generally bases the development of its priority ranking on the severity of the pollution and the uses to be made of such waters, and the factors listed in EPA guidance (U.S. EPA, 2005), especially waters ranked as high priority ("H", see below).

Connecticut includes other factors such as the availability and quality of data identifying the causes for non-attainment of WQS, and the extent of the water quality problems. Connecticut also bases its ranking in part on the likelihood that a water body's impairment may be resolved before a TMDL is developed.

A priority for TMDL development is assigned to every (waterbody segment × impaired designated use) combination. There are 279 waterbody segments in Category 5 with 373 (waterbody segment × impaired designated use) combinations. The 373 potential TMDLs are then broken down into three categories. Connecticut has prioritized those waters still requiring the development of TMDLs as high (H), medium (M), or low (L).

### **High Priority Waters**

Waters assigned an "H" are high priority waters for a particular impaired use. Assessment information for "H" waters suggests that a TMDL may be needed to restore uses and solve the impairment. Waters and impairments designated as "H" are targeted for TMDL development within 3 years. Connecticut's 2006 Section 303(d) list designates 134 waterbodies and

impairments as “H”.

#### Medium Priority Waters

Waters assigned an “M” are of medium priority. There may be insufficient information to assess whether a pollutant is causing the impairment to these water bodies, and other programs may remedy the water quality impairment. Waters and impairments designated as “M” are targeted for TMDL development within 3-7 years. Connecticut’s 2006 Section 303(d) list includes 64 waterbodies and impairments with an “M” designation.

#### Low Priority Waters

Waters and impairments assigned an “L” are low priorities for TMDL development because other programs are likely to remedy the water quality impairment. Waters/impairments designed as “L” are targeted for TMDL development within 7-11 years. Connecticut’s 2006 Section 303(d) list includes 175 “L” waterbodies and impairments.

Connecticut employs a five year rotating basin monitoring cycle. As additional data are compiled, Connecticut is committed to re-prioritizing waters based on factors such as, but not limited to, the nature/severity of the impact, importance of unsupported use, the availability of data or models required for TMDL development, etc. Overall, Connecticut is committed to completing TMDL development for all listed waters by the year 2017.

EPA concludes that Connecticut’s waterbody prioritization and identification of waters targeted for TMDL study and/or development during the next 3 years is reasonable and sufficient for the purposes of Section 303(d). CT DEP properly examined and considered the severity of pollution and uses of the listed waters, as well as other relevant factors identified in EPA’s regulations. EPA has determined that CT DEP properly ranked those waters listed for TMDL development within the next 3 years by considering the complexity of each TMDL. Further, EPA has determined that CT DEP priority ranking ensures reasonable progress in addressing high priority waters with challenging water quality problems (Memo from Geoffrey H. Grubbs, Supplemental Guidance on Section 303(d) Implementation, August 13, 1992). EPA and CT DEP assess yearly the pace of TMDL development versus the universe of impaired waters in the State.

#### **Water bodies on tribal lands**

EPA’s approval of Connecticut’s Section 303(d) list extends to all water bodies on the list with the exception of those waters, if any, that are within Indian Country, as defined in 18 U.S.C. Section 1151. EPA is taking no action to approve or disapprove the State’s list with respect to waters within Indian country at this time. EPA, or eligible Indian Tribe, as appropriate, will retain responsibilities under Section 303(d) for those waters. There are two Federally-recognized Indian Tribes in Connecticut. They are the Mashantucket Pequot Tribal Nation and the Mohegan Tribe.

#### **Waters impaired by nonpoint sources of pollution**

The State properly listed waters with nonpoint sources causing or expected to cause impairment, consistent with Section 303(d) and EPA guidance. Section 303(d) lists are to include all WQLSs

still needing TMDLs, regardless of whether the source of the impairment is a point and/or nonpoint source. EPA's long-standing interpretation is that Section 303(d) applies to waters impacted by point and/or nonpoint sources. In 'Pronsolino v. Marcus,' the District Court for Northern District of California held that Section 303(d) of the Clean Water Act authorizes EPA to identify and establish total maximum daily loads for waters impaired by nonpoint sources. Pronsolino v. Marcus, 91 F. Supp. 2d 1337, 1347 (N.D.CA. 2000). This decision was affirmed by the 9th Circuit court of appeals in Pronsolino v. Nastri, 291 F.3d 1123 (9th Cir. 2002). See also EPA guidance (U.S. EPA, 2005). Waters identified by the State as impaired or threatened by nonpoint sources of pollution (NPS) were appropriately considered for inclusion on Connecticut's 2006 Section 303(d) list. Connecticut properly listed waters with nonpoint sources causing or expected to cause impairment, consistent with Section 303(d) regulations and EPA guidance.

EPA concludes that CT DEP properly considered waters identified by the State as impaired or threatened in nonpoint assessments under Section 319 of the CWA in the development of the 2006 Section 303(d) list.

## APPENDIX A

### Reconciliation of the 2004 and 2006 Impaired Waters List

prepared by CT DEP as Appendix C-5 of the 2006 Section 303(d) List

## **Appendix C-5. Reconciliation of the 2004 and 2006 Impaired Waters Lists**

For the 2006 listing cycle, the CT DEP conducted an assessment of all waters where data was available as of April 1, 2005. This resulted in the removal and addition of waterbodies where the assessment status was determined to have changed based on assessment data. Other changes since the 2004 *List* include changes to impairment categories, causes, and potential sources, as well as changes in priority. In some cases, waterbody names and location descriptions have been refined, as well as waterbody segment size. Several waterbody segments were divided into two or more segments to more accurately portray the area impaired. Some waterbodies underwent a change in EPA categories. Appendix C-5 lists assessment status, category change, new segment, segment id change, spilt segment and area and description changes that have occurred since the 2004 listing cycle. A complete list of waterbody name changes and segment size changes since the 2004 listing cycle are included in Appendix D.

For the 2006 listing cycle, the EPA introduced a new Assessment Database (ADB), which is used by CT DEP to track all assessment information. This information is submitted electronically in the ADB format to the EPA. Some general changes that have occurred since the 2004 *List* to accommodate this change in reporting format include the following:

- “Primary” and “Secondary” Contact Recreation have been combined into “Recreation”;
- Use support categories for the impaired waters list (“partial supporting”, “not supporting”) have been consolidated into a single category, “not supporting”;
- The number of priority distinctions (T, H, M, L) have been reduced to three (High, Medium, and Low); and
- “Aquatic Life Use Support” is now referred to as “Habitat for Fish, Other Aquatic life and Wildlife” for freshwater and “Habitat for marine fish, Other Aquatic life and Wildlife” for estuarine waters.

Finally, a total of 19 waterbody segments that were on the 2004 *List* but have been shown to meet Water Quality Standards for one or more uses based on the latest assessment of surface waters for 305(b) reporting are recommended for delisting. These waterbody segments are also included in Appendix C-5.

| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name          | Change Type          | 2006 Activity                                                                                                                     | Waterbody Assessment Status                                                                                                               | Delisting |
|---------------------------|--------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| CT1001-00-1-L1_01         | Wyassup Lake                         | Category Change      | Mistakenly listed in Category 5 on the 2004 list for Recreation due to Non-Native plants. Reassigned to Category 4c.              | Not Supporting for Recreation and Fish Consumption.                                                                                       |           |
| CT2001-E_02               | Stonington Harbor-02                 | Area and Description | Offshore area moved to CT2001-E_03 to eliminate different shellfishing area classification.                                       | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.                                                          |           |
| CT2001-E_03               | Stonington Harbor-03                 | New Segment          | New Segment, contains different shellfish area classification than CT2001-E_02.                                                   | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized                                                           |           |
| CT2003-E_01               | Mumford Cove-01                      | Area and Description | Offshore area moved to CT2006-E_04 to account for different shellfish area classification.                                        | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.                                                          |           |
| CT2006-E_01               | Long Island Sound East (Offshore)-01 | Area and Description | Shellfishing impaired section of this segment moved to CT2006-E_04.                                                               | Area remaining is fully supporting for Shellfish Harvesting for Direct Consumption Where Authorized. This waterbody is in EPA Category 2. |           |
| CT2006-E_04               | Long Island Sound East (Offshore)-04 | New Segment          | New Segment to account for shellfishing impairment, includes sections of 2004 segments CT2003-E_01, CT2006-E_01, and CT2107-E_01. | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.                                                          |           |
| CT2102-E_02               | Inner Quiambug Cove-02               | Area and Description | Outer cove area moved to CT2102-E_03 to account for different potential sources than the inner cove.                              | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.                                                          |           |
| CT2102-E_03               | Outer Quiambug Cove-03               | New Segment          | Contains a portion of CT2102-E_02 from the 2004 cycle.                                                                            | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.                                                          |           |

| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name               | Change Type          | 2006 Activity                                                                                                                                                     | Waterbody Assessment Status                                                                                                                                                      | Delisting          |
|---------------------------|-------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| CT2106-E_02               | Mystic River Estuary-02                   | Area and Description | SB/SA water moved to CT2106-E_03, SA water moved to CT2106-E_04.                                                                                                  | Area remaining is fully supporting for Commercial Shellfish Harvesting Where Authorized use. This waterbody is in EPA Category 2.                                                |                    |
| CT2106-E_03               | Beebe Cove-03                             | New Segment          | Contains only SB/SA water formerly located within CT2106-E-02.                                                                                                    | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.                                                                                                 |                    |
| CT2106-E_04               | Mystic River Estuary-04                   | New Segment          | Contains only SA water formerly located within CT2106-E-02.                                                                                                       | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.                                                                                                 |                    |
| CT2107-E_01               | Poquonuck River Estuary And Baker Cove-01 | Area and Description | Discontinuous portion including Bushy Point Beach to Bluff Point (near shore) moved to CT2006-E_04.                                                               | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.                                                                                                 |                    |
| CT2204-E_02               | Niantic Bay (Upper Bay And River)-02      | Assessment Status    | This waterbody was mistakenly listed in 2004 for Recreation use. It was then and is currently not assessed for Recreation use. Removed Recreation use impairment. | Not supporting for Habitat for Marine Fish, Other Aquatic Life and Wildlife use and Shellfish Harvesting for Direct Consumption Where Authorized. Unassessed for Recreation use. | Yes for Recreation |
| CT2205-00_01              | Pattagansett River-01                     | Assessment Status    | This waterbody was mistakenly listed in 2004 for Habitat for Fish, Other Aquatic Life and Wildlife use. It was then and is currently not assessed.                | Not Assessed for Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                          | Yes                |
| CT2205-00_02              | Pattagansett River-02                     | Assessment Status    | This waterbody was mistakenly listed in 2004 for Habitat for Fish, Other Aquatic Life and Wildlife use Support. It was then and is currently not assessed.        | Not Assessed for Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                          | Yes                |
| CT2206-00_02              | Bride Brook-02                            | Assessment Status    | Added to the 2006 Impaired Waters List for Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                 | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                        |                    |

| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name   | Change Type       | 2006 Activity                                                                                                                                                                                                    | Waterbody Assessment Status                                                                                    | Delisting          |
|---------------------------|-------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------|
| CT3000-E_01               | Thames River Estuary-01       | Assessment Status | Added to the 2006 Impaired Waters List for Habitat for Marine Fish, Aquatic Life and Wildlife Use Support.                                                                                                       | Not supporting for Habitat for Marine Fish, Other Aquatic Life and Wildlife use.                               |                    |
| CT3002-02-1-L2_01         | Amos Lake (Preston)           | Assessment Status | Added to the 2006 Impaired Waters List for Recreation use.                                                                                                                                                       | Not supporting for Recreation use.                                                                             |                    |
| CT3106-00-2-L2_01         | Crandau Pond (Tolland)        | Assessment Status | Added to the 2006 Impaired Waters List for Recreation use.                                                                                                                                                       | Not supporting for Recreation use.                                                                             |                    |
| CT3200-00_02              | Natchaug River-02             | Assessment Status | Based on recent data, this waterbody meets WQS for Recreation use.                                                                                                                                               | Fully supporting for Recreation use.                                                                           | Yes                |
| CT3201-00_01              | Bungee Brook-01               | Assessment Status | Mistakenly included on 2002 list for Recreation use impairment, should have been fully supporting at that time. No recent data has been collected, so this segment is listed as not assessed for Recreation use. | Unassessed for Recreation                                                                                      | Yes                |
| CT3202-00_01              | Still River (Eastford)-01     | Assessment Status | Mistakenly included on 2002 list for Recreation use impairment, should have been fully supporting at that time. No recent data has been collected, so this segment is listed as not assessed for Recreation use. | Unassessed for Recreation                                                                                      | Yes                |
| CT3207-00_01b             | Fenton River-01b              | Assessment Status | Added to the 2006 Impaired Waters List for Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                                | Not supporting for Habitat for Fish, Other Aquatic Life, and Wildlife use.                                     |                    |
| CT3207-16-1-L1_01         | Bicentennial Pond (Mansfield) | Assessment Status | Added to the 2006 Impaired Waters List.                                                                                                                                                                          | Not supporting for Recreation use.                                                                             |                    |
| CT3300-00_01              | French River-01               | Assessment Status | Based on recent data, this waterbody meets WQS for Habitat for Fish, Other Aquatic Life and Wildlife use, as well as Recreation use.                                                                             | Fully supporting for Habitat for Fish, Other Aquatic Life and Wildlife use, and Recreation use.                | Yes                |
| CT3700-00_01              | Quinebaug River-01            | Assessment Status | This waterbody was listed for Recreation use due to the presence of a combined sewer overflow, which was fixed in 2005. Based on recent data, this waterbody meets the WQS for Recreation use.                   | Fully supporting for Recreation use. Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife use. | Yes for Recreation |
| CT3700-00_07              | Quinebaug River-07            | Assessment Status | Based on recent data, this waterbody meets WQS for Recreation use.                                                                                                                                               | Fully supporting for Recreation use.                                                                           | Yes                |



| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name                      | Change Type                     | 2006 Activity                                                                                                                                                                                                          | Waterbody Assessment Status                                                                          | Delisting |
|---------------------------|--------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------|
| CT3716-00_01              | Broad Brook (Preston)-01                         | Assessment Status               | Based on data, this waterbody is not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                             | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife.                                |           |
| CT3900-00_trib_01         | Unnamed Trib, Yantic River (Norwich Landfill)-01 | Segment ID Change/Spilt Segment | This waterbody segment was included in segment CT3900-00_01pd & trib_01 on the 2004 list. Segment CT3900-00_01pd&trib_01 was split into two segments ( CT3900-11_trib_01 and CT3900-00-UL_pond_01) for the 2006 cycle. | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife.                                |           |
| CT3900-00-UL_pond_01      | Browning Pond (Norwich Landfill)-01              | Segment ID Change/Spilt Segment | This waterbody segment was included in segment CT3900-00_01pd & trib_01 on the 2004 list. Segment CT3900-00_01pd&trib_01 was split into two segments ( CT3900-11_trib_01 and CT3900-00-UL_pond_01) for the 2006 cycle. | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife.                                |           |
| CT4300-00_02              | Farmington River-02                              | Assessment Status               | Based on recent data, this waterbody meets WQS for Recreation use.                                                                                                                                                     | Fully supporting for Recreation use.                                                                 | Yes       |
| CT4300-48_01              | Perkins Brook-01                                 | Category Change                 | Reassigned to Category 4b.                                                                                                                                                                                             | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife.                                |           |
| CT4302-00_01              | Mad River (Winchester)-01                        | Assessment Status               | Added to the 2006 Impaired Waters List for Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                                      | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use Support.                    |           |
| CT4303-00_02              | Still River (Colebrook)-02                       | Assessment Status               | Added to the 2006 Impaired Waters List for Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                                      | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use Support.                    |           |
| CT4303-00_03              | Still River (Winsted)-03                         | Assessment Status               | Added to the 2006 Impaired Waters List for Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                                      | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use Support.                    |           |
| CT4313-00_02              | Poland River-02                                  | Assessment Status               | Added to the 2006 Impaired Waters List for Recreation use.                                                                                                                                                             | Not supporting for Recreation use.                                                                   |           |
| CT4315-00_03              | Pequabuck River-03                               | Assessment Status               | Added impairment for Recreation use to the 2006 Impaired Waters List.                                                                                                                                                  | Not supporting for Recreation use and Habitat for Fish, Other Aquatic Life and Wildlife use Support. |           |
| CT4315-00_05              | Pequabuck River-05                               | Assessment Status               | Added to the 2006 Impaired Waters List for Recreation use.                                                                                                                                                             | Not supporting for Recreation use.                                                                   |           |

| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name                  | Change Type       | 2006 Activity                                                                                                             | Waterbody Assessment Status                                                                  | Delisting |
|---------------------------|----------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------|
| CT4315-00_06              | Pequabuck River-06                           | Assessment Status | Added to the 2006 Impaired Waters List for Recreation use.                                                                | Not supporting for Recreation use.                                                           |           |
| CT4315-05-1-L1_01         | Birge Pond (Bristol)                         | Assessment Status | Fully supporting for Recreation use. Segment reassigned to Category 1, see Appendix C-2 for details.                      | Fully supporting for Recreation use.                                                         |           |
| CT4315-10-1-L1_01         | Pine Lake (Malones Pond) (Bristol)           | Assessment Status | Fully supporting for Recreation use. Segment reassigned to Category 1, see Appendix C-2 for details.                      | Fully supporting for Recreation use.                                                         |           |
| CT4400-01_01              | South Branch Park River-01                   | Category Addition | Added to Category 5 for Habitat for Fish, Other Aquatic Life and Wildlife use impairment.                                 | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife and Recreation.         |           |
| CT4400-01_02              | South Branch Park River-02                   | Category Addition | Added to Category 4c for Habitat for Fish, Other Aquatic Life and Wildlife and Recreation use impairment.                 | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife and Recreation.         |           |
| CT4401-00-1-L1_01         | Batterson Park Pond (Farmington/New Britain) | Category Change   | Reassigned to Category 4a.                                                                                                | Not Supporting for Recreation.                                                               |           |
| CT4500-00_04a             | Hockanum River-04a                           | Spilt Segment     | Based on recent data, Segment CT4500-00_04 on the 2004 List was split into two segments: CT4500-00_04a and CT4500-00_04b. | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use.                    |           |
| CT4500-00_04b             | Hockanum river-04b                           | Spilt Segment     | Based on recent data, Segment CT4500-00_04 on the 2004 List was split into two segments: CT4500-00_04a and CT4500-00_04b. | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use.                    |           |
| CT4500-00_06a             | Hockanum River-06a                           | Spilt Segment     | Based on recent data, Segment CT4500-00_06 on the 2004 List was split into two segments: CT4500-00_06a and CT4500-00_06b. | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use and Recreation use. |           |
| CT4500-00_06b             | Hockanum River-06b                           | Spilt Segment     | Based on recent data, Segment CT4500-00_06 on the 2004 List was split into two segments: CT4500-00_06a and CT4500-00_06b. | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use and Recreation use. |           |

| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name  | Change Type                         | 2006 Activity                                                                                                                                                                                          | Waterbody Assessment Status                                                                                               | Delisting          |
|---------------------------|------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------|
| CT4500-00-3-L3_01         | Union Pond (Manchester)      | Assessment Status                   | This waterbody was mistakenly listed in 2004 for Recreation use. It was then and is currently not assessed for Recreation use. Added impairment for Habitat for Fish, Other Aquatic Life and Wildlife. | Unassessed for Recreation use. Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife and Fish Consumption. | Yes for Recreation |
| CT4501-00_01              | Charters Brook-01            | Assessment Status                   | Added to the 2006 Impaired Waters List for Recreation use.                                                                                                                                             | Not supporting for Recreation use.                                                                                        |                    |
| CT4600-00_01              | Mattabasset River-01         | Assessment Status                   | Added to the 2006 Impaired Waters List for Recreation use. Assigned to Category 4a.                                                                                                                    | Not supporting for Recreation use.                                                                                        |                    |
| CT4600-00_02              | Mattabasset River-02         | Category Change                     | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                   | Not Supporting for Recreation and Habitat for Fish, Other Aquatic Life and Wildlife.                                      |                    |
| CT4600-00_03              | Mattabasset River-03         | Category Change                     | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                   | Not Supporting for Recreation and Habitat for Fish, Other Aquatic Life and Wildlife.                                      |                    |
| CT4600-00_04              | Mattabasset River-04         | Category Change                     | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                   | Not Supporting for Recreation and Habitat for Fish, Other Aquatic Life and Wildlife.                                      |                    |
| CT4600-00_06              | Mattabasset River-06         | Category Change                     | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                   | Not Supporting for Recreation and Habitat for Fish, Other Aquatic Life and Wildlife.                                      |                    |
| CT4600-05_01              | John Hall Brook-01           | Assessment Status/Segment ID change | Added to the 2006 Impaired Waters List for Recreation. Incorrect segment ID listed on the 2004 List as CT4600-01_01. The correct segment ID is CT4600-05_01. Assigned to Category 4a.                  | Not supporting for Recreation use.                                                                                        |                    |
| CT4600-05_02              | John Hall Brook-02           | Segment ID change/Category Change   | Incorrect segment ID listed on the 2004 List as CT4600-01_02. The correct segment ID is CT4600-05_02. Reassigned to Category 4a.                                                                       | Not supporting for Recreation use.                                                                                        |                    |
| CT4600-07_01              | Little Brook (Rocky Hill)-01 | Category Change                     | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                   | Not Supporting for Recreation.                                                                                            |                    |
| CT4600-13_01              | Spruce Brook (Berlin)-01     | Category Change                     | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                   | Not Supporting for Recreation.                                                                                            |                    |

| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name   | Change Type                       | 2006 Activity                                                                                                                    | Waterbody Assessment Status                                                                                                     | Delisting |
|---------------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------|
| CT4600-22_01              | Coles Brook-01                | Segment ID change/Category Change | Incorrect segment ID listed on the 2004 List as CT4600-23_01. The correct segment ID is CT4600-22_01. Reassigned to Category 4a. | Not supporting for Recreation use.                                                                                              |           |
| CT4600-26_01              | Miner Brook-01                | Category Change                   | Reassigned Recreation use impairment to Category 4a.                                                                             | Not Supporting for Recreation.                                                                                                  |           |
| CT4600-27_01              | Willow Brook (Cromwell)-01    | Category Change                   | Reassigned Recreation use impairment to Category 4a.                                                                             | Not Supporting for Recreation.                                                                                                  |           |
| CT4600-27_trib_01         | East Branch Willow Brook-01   | Assessment Status                 | Added to the 2006 Impaired Waters List for Recreation use impairment.                                                            | Not Supporting for Recreation.                                                                                                  |           |
| CT4601-00_01              | Belcher Brook-01              | Category Change                   | Reassigned Recreation use impairment to Category 4a.                                                                             | Not Supporting for Recreation.                                                                                                  |           |
| CT4601-00-1-L2_01         | Silver Lake (Berlin/Meriden)  | Assessment Status                 | Fully supporting for recreation use. See Appendix C-2 for details.                                                               | Fully supporting for Recreation use. Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife and Fish Consumption. |           |
| CT4601-02_01              | Hatchery Brook-01             | Assessment Status                 | Added to the 2006 Impaired Waters List for Habitat for Fish, Other Aquatic Life and Wildlife use.                                | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use.                                                       |           |
| CT4602-00_01              | Willow Brook (New Britain)-01 | Category Change                   | Reassigned Recreation use impairment to Category 4a.                                                                             | Not Supporting for Recreation.                                                                                                  |           |
| CT4603-00_01              | Webster Brook-01              | Category Change                   | Reassigned Recreation use impairment to Category 4a.                                                                             | Not Supporting for Recreation.                                                                                                  |           |
| CT4604-00_01              | Sawmill Brook (Middletown)-01 | Category Change                   | Reassigned Recreation use impairment to Category 4a.                                                                             | Not Supporting for Recreation.                                                                                                  |           |
| CT4607-00_02              | Coginchaug River-02           | Category Change                   | Reassigned Recreation use impairment to Category 4a.                                                                             | Not Supporting for Recreation.                                                                                                  |           |
| CT4607-00_03              | Coginchaug River-03           | Assessment Status                 | Added to the 2006 Impaired Waters List for Recreation use. Assigned to Category 4a.                                              | Not supporting for Recreation use.                                                                                              |           |
| CT4607-00_04              | Coginchaug River-04           | Category Change                   | Reassigned Recreation use impairment to Category 4a.                                                                             | Not Supporting for Recreation.                                                                                                  |           |
| CT4607-00_05              | Coginchaug River-05           | Category Change                   | Reassigned Recreation use impairment to Category 4a.                                                                             | Not Supporting for Recreation.                                                                                                  |           |

| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name                        | Change Type          | 2006 Activity                                                                                                                                                                                                              | Waterbody Assessment Status                                                                                                                                                      | Delisting |
|---------------------------|----------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| CT4607-00_06              | Coginchaug River-06                                | Category Change      | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                                       | Not Supporting for Recreation.                                                                                                                                                   |           |
| CT4607-10-1-L1_01         | Beseck Lake (Middlefield)                          | Assessment Status    | Added to the 2006 Impaired Waters List for Recreation and Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                           | Not supporting for Recreation use and Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                     |           |
| CT4703-01_01              | Cabin Brook-01                                     | Assessment Status    | Added to the 2006 Impaired Waters List for Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                                          | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                        |           |
| CT4707-00-2-L2_01         | Gay City Pond (Hebron)                             | Assessment Status    | Added to the 2006 Impaired Waters List for Recreation use.                                                                                                                                                                 | Not supporting for Recreation use.                                                                                                                                               |           |
| CT4709-04-1-L1_01         | Pocotopaug Lake (East Hampton)                     | Assessment Status    | Added to the 2006 Impaired Waters List for Recreation use.                                                                                                                                                                 | Not supporting for Recreation use.                                                                                                                                               |           |
| CT5000-55_02              | Unnamed trib to Oyster River (Milford)-02          | Category Change      | Reassigned to Category 4b.                                                                                                                                                                                                 | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife and Recreation.                                                                                             |           |
| CT5004-E_02a              | Long Island Sound Central (Offshore)-02a           | Segment ID change    | Formerly listed as CT5004-E_02 on the 2004 List. Segment ID was changed to CT5004-E_02a on the 2006 List.                                                                                                                  | Not supporting for Habitat for Marine Fish, Other Aquatic Life and Wildlife use.                                                                                                 |           |
| CT5004-E_02b              | Long Island Sound Central (Offshore)-02b           | New Segment          | Contains impaired Habitat for Marine Fish, Other Aquatic Life and Wildlife Use Support section formerly located within CT5004-E_01.                                                                                        | Not supporting for Habitat for Marine Fish, Other Aquatic Life and Wildlife use and Shellfish Harvesting for Direct Consumption Where Authorized. Unassessed for Recreation use. |           |
| CT5004-E_02c              | Long Island Sound Central (Offshore)-02c           | New Segment          | Contains impaired Habitat for Marine Fish, Other Aquatic Life and Wildlife Use Support section formerly located within CT5004-E_03.                                                                                        | Not supporting for Habitat for Marine Fish, Other Aquatic Life and Wildlife use.                                                                                                 |           |
| CT5106-E_01               | Upper Hammonasset River, Indian, Hammock Rivers-01 | Area and Description | Add the lower portions of the Indian and Hammock Rivers, reduced the length of Hammonasset River included in this segment, and removed Cedar Island Marina. This segment now correctly contains only SA classified waters. | Not supporting for Commercial Shellfish Harvesting Where Authorized.                                                                                                             |           |



| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name                        | Change Type          | 2006 Activity                                                                                                                                    | Waterbody Assessment Status                                                                                                           | Delisting |
|---------------------------|----------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------|
| CT5106-E_02               | Hayden Creek-02                                    | Assessment Status    | Added use impairment for Commercial Shellfish Harvesting Where Authorized based on recent data.                                                  | Not supporting for Commercial Shellfish Harvesting Where Authorized and Habitat for Marine Fish, Other Aquatic Life and Wildlife use. |           |
| CT5106-E_03               | Lower Hammonasset River And InnerClinton Harbor-03 | Area and Description | Removed the lower portions of the Indian and Hammock Rivers from this segment. This segment now correctly contains only SB classified waters.    | Not supporting for Habitat for Marine Fish, Other Aquatic Life and Wildlife use.                                                      |           |
| CT5106-E_05               | Clinton Habor And Hammonasset River-05             | New Segment          | New segment, contains the SB classified water of the Hammonasset River from the Route 1 bridge to classification change and Cedar Island Marina. | Not supporting for Commercial Shellfish Harvesting Where Authorized.                                                                  |           |
| CT5111-09-1-L1_01         | Cedar Pond (North Branford)                        | Category Change      | Reassigned Recreation and Habitat for Fish, Other Aquatic Life and Wildlife use impairment to Category 4a.                                       | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife.                                                                 |           |
| CT5111-09-1-L2_01         | Linsley Pond (Branford/North Branford)             | Category Change      | Reassigned Recreation and Habitat for Fish, Other Aquatic Life and Wildlife use impairment to Category 4a.                                       | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife.                                                                 |           |
| CT5111-E_01               | Branford Harbor-01                                 | Area and Description | SA water moved to CT5111-E-03. This segment now correctly contains only SB classified waters.                                                    | Not supporting for Commercial Shellfish Harvesting Where Authorized.                                                                  |           |
| CT5111-E_03               | Branford Harbor (River Portion)-03                 | New Segment          | New segment, contains SA classified water from CT5111-E_01                                                                                       | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.                                                      |           |
| CT5112-00_02              | Farm River (East Haven)-02                         | Assessment Status    | Added Existing or Proposed Drinking Water use impairment to the 2006 Impaired Waters List.                                                       | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife, and Recreation.                                                 |           |
| CT5200-00_06              | Quinnipiac River-06                                | Assessment Status    | Added impairment for Recreation use to the 2006 Impaired Waters List.                                                                            | Not supporting for Recreation use, Habitat for Fish, Other Aquatic Life and Wildlife use, and Fish Consumption.                       |           |
| CT5200-00_07              | Quinnipiac River-07                                | Assessment Status    | Added impairment for Recreation to the 2006 Impaired Waters List.                                                                                | Not supporting for Recreation use and Habitat for Fish, Other Aquatic Life and Wildlife use.                                          |           |

| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name    | Change Type                                     | 2006 Activity                                                                                                                                                                                                                   | Waterbody Assessment Status                                                                                                                       | Delisting                                                      |
|---------------------------|--------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| CT5200-E_04               | New Haven Harbor Offshore-04   | Area and Description/Segment new to Category 4a | Segment alignment changed to allow adjacent segments to better represent conditions along the shoreline. Added to the 2006 Impaired Waters List.                                                                                | Not supporting for Habitat for Marine Fish, Other Aquatic Life and Wildlife use.                                                                  |                                                                |
| CT5200-E_05               | New Haven Harbor Offshore-05   | Area and Description/Assessment Status          | Segment alignment changed to allow adjacent segments to better represent conditions along the shoreline. Added use impairment for Shellfish Harvesting for Direct Consumption Where Authorized based on recent monitoring data. | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized and Habitat for Marine Fish, Other Aquatic Life and Wildlife use. |                                                                |
| CT5200-E_06               | New Haven Harbor Offshore-06   | Area and Description/Assessment Status          | Segment alignment changed to allow adjacent segments to better represent conditions along the shoreline. Added to the 2006 Impaired Waters List for Habitat for Marine Fish, Other Aquatic Life and Wildlife use impairment.    | Not supporting for Habitat for Marine Fish, Other Aquatic Life and Wildlife use.                                                                  |                                                                |
| CT5202-00-1-L3_01         | Mixville Pond (Cheshire)       | Assessment Status                               | Added to the 2006 Impaired Waters List for Recreation use.                                                                                                                                                                      | Not supporting for Recreation use.                                                                                                                |                                                                |
| CT5203-00_01              | Misery Brook-01                | Assessment Status/Category Addition             | Added impairment for Recreation to the 2006 Impaired Waters List. Added impairment for Habitat for Fish, Other Aquatic Life and Wildlife to Category 5.                                                                         | Not supporting for Recreation use and Habitat for Fish, Other Aquatic Life and Wildlife use.                                                      |                                                                |
| CT5206-00_01              | Harbor Brook (Meriden)-01      | Assessment Status                               | Added impairment for Recreation to the 2006 Impaired Waters List.                                                                                                                                                               | Not supporting for Recreation use and Habitat for Fish, Other Aquatic Life and Wildlife use.                                                      |                                                                |
| CT5206-00_02              | Harbor Brook (Meriden)-02      | Category Addition                               | Added Recreation use impairment to Category 5.                                                                                                                                                                                  | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife, and Recreation.                                                             |                                                                |
| CT5207-02_01              | Allen Brook-01                 | Assessment Status                               | Added to the 2006 Impaired Waters List for Recreation.                                                                                                                                                                          | Not supporting for Recreation use.                                                                                                                |                                                                |
| CT5305-00-3-L1_01         | Edgewood Park Pond (New Haven) | Assessment Status                               | Fully supporting for Habitat for Fish, Other Aquatic Life and Wildlife use. See Appendix C-2 for details.                                                                                                                       | Fully supporting for Habitat for Fish, Other Aquatic Life and Wildlife use. Not supporting for Recreation use.                                    | Yes for Habitat for Fish, Other Aquatic Life and Wildlife use. |

| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name                         | Change Type       | 2006 Activity                                                                                                                                                                                                                                                                                                                                                                         | Waterbody Assessment Status                                                                                        | Delisting                                                             |
|---------------------------|-----------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| CT6000-00_04              | Housatonic River-04                                 | Assessment Status | Previously listed in 2004 for Habitat for Fish, Other Aquatic Life and Wildlife use impairment due to flow. Based on recent data, the flow no longer impairs the Habitat for Fish, Other Aquatic Life and Wildlife use. Habitat for Fish, Other Aquatic Life and Wildlife use is currently unassessed because additional data other than flow data is needed to make full assessment. | Unassessed for Habitat for Fish, Other Aquatic Life and Wildlife use Support. Not supporting for Fish Consumption. | Yes for Habitat for Fish, Other Aquatic Life and Wildlife use         |
| CT6000-00_06              | Housatonic River-06                                 | Assessment Status | Based on recent data, this waterbody meets the WQS for Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                                                                                                                                                                                         | Fully Supporting for Habitat for Fish, Other Aquatic Life and Wildlife use. Not supporting for Fish Consumption.   | Yes for Habitat for Fish, Other Aquatic Life and Wildlife use Support |
| CT6000-E_03               | Housatonic River Estuary (Ferry Creek And Shore)-03 | Assessment Status | Added use impairment for Recreation to the 2006 Impaired Waters List.                                                                                                                                                                                                                                                                                                                 | Not supporting for Recreation use and Habitat for Marine Fish, Other Aquatic Life and Wildlife use.                |                                                                       |
| CT6016-00-1-L3_01         | Hatch Pond (Kent)                                   | Assessment Status | Added to the 2006 Impaired Waters List for Recreation use and Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                                                                                                                                                                                  | Not supporting for Recreation use, and Habitat for Fish, Other Aquatic Life and Wildlife use.                      |                                                                       |
| CT6600-01-1-L3_01         | Kenosia, Lake (Danbury)                             | Category Change   | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                                                                                                                                                                                                  | Not Supporting for Recreation.                                                                                     |                                                                       |
| CT6900-00_05              | Naugatuck River-05                                  | Category Change   | Reassigned Habitat for Fish, Other Aquatic Life and Wildlife use impairment to Category 4a.                                                                                                                                                                                                                                                                                           | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife and Recreation.                               |                                                                       |
| CT6900-00_06              | Naugatuck River-06                                  | Assessment Status | Added to the 2006 Impaired Waters List for Recreation.                                                                                                                                                                                                                                                                                                                                | Not supporting for Recreation use.                                                                                 |                                                                       |
| CT6910-00_02              | Branch Brook-02                                     | Category Change   | Mistakenly included in Category 5 on the 2004 list. Habitat for Fish, Other Aquatic Life and Wildlife use impairment is solely due to a non-pollutant (Other flow regime alterations). Segment was moved to Category 4c.                                                                                                                                                              | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use.                                          |                                                                       |



| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name           | Change Type                     | 2006 Activity                                                                                                                                                                                                                                                                                                                                                                 | Waterbody Assessment Status                                                                                   | Delisting |
|---------------------------|---------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------|
| CT6914-00_03a             | Mad River (Waterbury)-03a             | Spilt Segment                   | Based on recent data, this waterbody segment was split into two segments: CT6914-00_03a and CT6914-00_03b. Segment CT6914-00_03a remains not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use and Recreation use. Segment CT6914-00_03b currently meets WQS for Habitat for Fish, Other Aquatic Life and Wildlife use and is not assessed for Recreation. | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife use and Recreation use.                  |           |
| CT6914-00_03b             | Mad River (Waterbury)-03b             | Spilt Segment/Assessment Status | Based on recent data, this waterbody segment was split into two segments: CT6914-00_03a and CT6914-00_03b. Segment CT6914-00_03a remains not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use and Recreation use. Segment CT6914-00_03b currently meets WQS for Habitat for Fish, Other Aquatic Life and Wildlife use and is not assessed for Recreation. | Fully Supporting for Habitat for Fish, Other Aquatic Life and Wildlife use and unassessed for Recreation use. | Yes       |
| CT6916-00_01              | Hop Brook (Naugatuck)-01              | Assessment Status               | Added to the 2006 Impaired Waters List for Recreation use.                                                                                                                                                                                                                                                                                                                    | Not supporting for Recreation use.                                                                            |           |
| CT6917-00_01              | Long Meadow Pond Brook-01             | Assessment Status               | Added to the 2006 Impaired Waters List for Recreation use.                                                                                                                                                                                                                                                                                                                    | Not supporting for Recreation use.                                                                            |           |
| CT6919-04_01              | Unnamed tributary to Bladens River-01 | Assessment Status               | Based on recent monitoring data the Habitat for Fish, Other Aquatic Life and Wildlife use is fully supporting. Segment reassigned to Category 1, see Appendix C-2 for details.                                                                                                                                                                                                | Fully Supporting for Habitat for Fish, Other Aquatic Life and Wildlife use.                                   |           |
| CT7000-22_02              | Indian River (Westport)-02            | Assessment Status               | Added to the 2006 Impaired Waters List for Recreation use.                                                                                                                                                                                                                                                                                                                    | Not supporting for Recreation use.                                                                            |           |
| CT7002-E_01               | Outer Bridgeport Harbor-01            | Area and Description            | Western shore section from Pine Creek Point, east to mouth of Black Rock Harbor has been moved to CT7002-E_03 to account for different Recreation use assessments.                                                                                                                                                                                                            | Not supporting for Recreation use and Shellfish Harvesting for Direct Consumption Where Authorized.           |           |
| CT7002-E_03               | Outer Bridgeport Harbor-03            | New Segment                     | New segment, formerly included in CT7002-E_01, separated to account for different Recreation use assessments.                                                                                                                                                                                                                                                                 | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.                              |           |

| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name                | Change Type                                     | 2006 Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Waterbody Assessment Status                                                                         | Delisting                                                     |
|---------------------------|--------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| CT7004-E_01               | Sherwood Millpond And Compo Cove (Pond)-01 | Area and Description                            | Segment now includes the area from Sherwood Pt to Frost Pt along Sherwood Is. beach, out about 1000 ft from shore to include the entire monitored beach. This area was taken from 2004 segment CT7108-E_04.                                                                                                                                                                                                                                                                                               | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.                    |                                                               |
| CT7004-E_02               | Sherwood Millpond And Compo Cove (Cove)-02 | Area and Description                            | Segment now continues southwest to Cockenoe Island and Seymour Point to include area formerly part of 2004 segment CT7010E_03. New area is same shellfish classification as this segment.                                                                                                                                                                                                                                                                                                                 | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.                    |                                                               |
| CT7006-E_01               | Westcott Cove (Cove)-01                    | Assessment Status                               | Added Impairment for Recreation use based on recent data.                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Not supporting for Recreation use and Shellfish Harvesting for Direct Consumption Where Authorized. |                                                               |
| CT7010-E_03               | Long Island Sound West-03                  | Area and Description                            | Portions of this segment removed to include only SA waters. Areas were relocated to segments CT7010-E_05, CT7402-E_01, CT7004-E_02. An area from CT7108-E_04 which was mistakenly included in 2004 was moved into this segment                                                                                                                                                                                                                                                                            | Not supporting for Habitat for Marine Fish, Other Aquatic Life and Wildlife use.                    |                                                               |
| CT7105-00_03              | Pequonnock River-03                        | Assessment Status                               | Added to the 2006 Impaired Waters List for Habitat for Fish, Other Aquatic Life and Wildlife use impairment.                                                                                                                                                                                                                                                                                                                                                                                              | Not Supporting for Habitat for Fish, Other Aquatic Life and Wildlife.                               |                                                               |
| CT7106-00_01              | Rooster River-01                           | Category Change                                 | Reassigned to Category 4a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Not Supporting for Recreation.                                                                      |                                                               |
| CT7108-00_02a             | Mill River (Fairfield/Easton)-02a          | Split Segment/Assessment Status/Category Change | Based on recent data, Segment CT7108-00_02 on the 2004 list was split into two segments: CT7108-00_02a and CT7108-00_02b. CT7108-00_02b remains not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use and Recreation use. Segment CT7108-00_02a meets WQS for Habitat for Fish, Other Aquatic Life and Wildlife use based on recent monitoring data, but remains not supporting for Recreation use. See Appendix C-2 for details. Reassigned Recreation use impairment to Category 4a. | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use and Recreation use.        | Yes for Habitat for Fish, Other Aquatic Life and Wildlife use |

| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name                        | Change Type                                     | 2006 Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Waterbody Assessment Status                                                                  | Delisting |
|---------------------------|----------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------|
| CT7108-00_02b             | Mill River (Fairfield/Easton)-02b                  | Split Segment/Assessment Status/Category Change | Based on recent data, Segment CT7108-00_02 on the 2004 list was split into two segments: CT7108-00_02a and CT7108-00_02b. CT7108-00_02b remains not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use and Recreation use. Segment CT7108-00_02a meets WQS for Habitat for Fish, Other Aquatic Life and Wildlife use based on recent monitoring data, but remains not supporting for Recreation use. See Appendix C-2 for details. Reassigned Recreation use impairment to Category 4a. | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use and Recreation use. |           |
| CT7108-05_02              | Unnamed tributary, Easton Reservoir (Snow Farm)-02 | New Segment                                     | This segment CT7108-05_02 was mistakenly included in CT7108-00_02. Because these segments are not connected, they were separated for the 2006 listing cycle.                                                                                                                                                                                                                                                                                                                                              | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use Support.            |           |
| CT7108-E_04               | Southport (Harbor And Offshore)-04                 | Area and Description                            | Offshore area moved to CT7004-E_01 and CT7010-E_03 to eliminate different shellfishing area classification.                                                                                                                                                                                                                                                                                                                                                                                               | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.             |           |
| CT7108-E_05               | Southport (Pine Creek)-05                          | New Segment                                     | New segment, not included in the 2004 cycle.                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.             |           |
| CT7109-00-trib_01         | Unnamed tributary, Sasco Brook-01                  | Assessment Status                               | Added to the 2006 Impaired Waters List for Recreation.                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Not supporting for Recreation use.                                                           |           |
| CT7109-06_01              | Great Brook (Fairfield)-01                         | Assessment Status                               | Added to the 2006 Impaired Waters List for Recreation.                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Not supporting for Recreation use.                                                           |           |
| CT7200-E_01               | Saugatuck River Estuary-01                         | Area and Description                            | SB water moved to new segment CT7108-E_03.                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.             |           |
| CT7200-E_03               | Saugatuck River Estuary-03                         | New Segment                                     | New segment, formerly included in CT7200-E_02.                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized.             |           |

| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name | Change Type                   | 2006 Activity                                                                                                                                                                                                                                                                                                                                                                                                                               | Waterbody Assessment Status                                                                              | Delisting                                                     |
|---------------------------|-----------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| CT7300-00_01              | Norwalk River-01            | Category Change               | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                                                                                                                                                                                                                                                        | Not Supporting for Recreation.                                                                           |                                                               |
| CT7300-00_02              | Norwalk River-02            | Category Change               | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                                                                                                                                                                                                                                                        | Not Supporting for Recreation.                                                                           |                                                               |
| CT7300-00_03a             | Norwalk River-03a           | Split Segment/Category Change | Based on recent data, Segment CT7300-00_03 on the 2004 list was split into two segments: CT7300-00_03a and CT7300-00_03b. Segment CT7300-00_03a remains not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use and Recreation. Segment CT7300-00_03b is not assessed for Habitat for Fish, Other Aquatic Life and Wildlife use and is not supporting for Recreation. Reassigned Recreation use impairment to Category 4a. | Not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use and Recreation use.             |                                                               |
| CT7300-00_03b             | Norwalk River-03b           | Spilt Segment/Category Change | Based on recent data, Segment CT7300-00_03 on the 2004 list was split into two segments: CT7300-00_03a and CT7300-00_03b. Segment CT7300-00_03a remains not supporting for Habitat for Fish, Other Aquatic Life and Wildlife use and Recreation. Segment CT7300-00_03b is not assessed for Habitat for Fish, Other Aquatic Life and Wildlife use and is not supporting for Recreation. Reassigned Recreation use impairment to Category 4a. | Unassessed for Habitat for Fish, Other Aquatic Life and Wildlife use. Not Supporting for Recreation use. | Yes for Habitat for Fish, Other Aquatic Life and Wildlife use |
| CT7300-00_04              | Norwalk River-04            | Category Change               | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                                                                                                                                                                                                                                                        | Not Supporting for Recreation.                                                                           |                                                               |
| CT7300-00_05              | Norwalk River-05            | Category Change               | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                                                                                                                                                                                                                                                        | Not Supporting for Recreation.                                                                           |                                                               |
| CT7300-02_01              | Ridgefield Brook-01         | Assessment Status             | Added to the 2006 Impaired Waters List for Recreation use impairment. Assigned to Category 4a.                                                                                                                                                                                                                                                                                                                                              | Not Supporting for Recreation.                                                                           |                                                               |
| CT7300-02_02              | Ridgefield Brook-02         | Category Change               | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                                                                                                                                                                                                                                                        | Not Supporting for Recreation.                                                                           |                                                               |

| 2006 Waterbody Segment ID | 2006 Waterbody Segment Name         | Change Type       | 2006 Activity                                                                                                                                                                                                                                                                                                   | Waterbody Assessment Status                                                                                                                                                                          | Delisting                                                                        |
|---------------------------|-------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| CT7300-E_03               | Norwalk Harbor - Adjacent Waters-03 | Assessment Status | Removed impairments for Habitat for Marine Fish, Other Aquatic Life and Wildlife Use Support and Recreation use. Mistakenly included on the 2004 List with area affected by hypoxia, which lead to an error in the Aquatic Life Support listing. Recreation use is fully supporting based on recent data.       | Not Assessed for Habitat for Marine Fish, Other Aquatic Life and Wildlife use. Fully supporting for Recreation use. Not supporting for Shellfish Harvesting for Direct Consumption Where Authorized. | Yes for Habitat for Marine Fish, Other Aquatic Life and Wildlife and Recreation. |
| CT7302-00_01              | Silvermine River-01                 | Category Change   | Reassigned Recreation use impairment to Category 4a.                                                                                                                                                                                                                                                            | Not Supporting for Recreation.                                                                                                                                                                       |                                                                                  |
| CT7302-00_02              | Silvermine River-02                 | Assessment Status | Added to the 2006 Impaired Waters List for Recreation.                                                                                                                                                                                                                                                          | Not supporting for Recreation use.                                                                                                                                                                   |                                                                                  |
| CT7405-E_01               | Stamford Harbor - E&&W Branches-01  | Assessment Status | Removed Recreation use impairment. This segment was mistakenly listed in 2002 for a Recreation use impairment. However, beach data to assess Recreation use was not available. Currently, this segment is unassessed for Recreation use due to a lack of data. No swimming beaches are present in this segment. | Not Assessed for Recreation use. Not supporting for Habitat for Marine Fish, Other Aquatic Life and Wildlife use and Commercial Shellfish Harvesting Where Authorized.                               | Yes for Recreation                                                               |
| CT7411-00_01              | Byram River-01                      | Assessment Status | Added impairment for Recreation use based on recent data.                                                                                                                                                                                                                                                       | Not supporting for Recreation use and Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                         |                                                                                  |
| CT8104-00-2-L5_01         | Mamasasco Lake (Ridgefield)         | Assessment Status | Added to the 2006 Impaired Waters List for Recreation use and Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                                                                                                            | Not supporting for Recreation use and Habitat for Fish, Other Aquatic Life and Wildlife use.                                                                                                         |                                                                                  |