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DEPARTMENT OF
ENVIRONMENTAL PROTECTION
Bureau of Water Management
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# 2004 WATER QUALITY REPORT TO CONGRESS

*Prepared Pursuant to Clean Water Act Section 305(b)*

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# Table of Contents

## Tables and Figures

### Tables



### Figures

## Acronyms Used in the 2004 Water Quality Report to Congress

| | |
|---|---|
| 303(d) | Section 303(d) of the Federal Clean Water Act requiring a list of waters not meeting water quality standards every two years |
| 305(b) | Section 305(b) of the Federal Clean Water Act requiring a water quality report every two years |
| 319 | Section 319 of the Federal Clean Water Act addressing nonpoint source pollution |
| ADB | Assessment Database - tracks 305(b) water quality assessments |
| ALUS | Aquatic Life Use Support |
| APA | Aquifer Protection Area |
| BMP | Best Management Plan |
| CALM | Consolidated Assessment and Listing Methodology (for 305(b) and 303(d) reporting) |
| CFU | Colony Forming Units |
| CMA | (Connecticut) Coastal Management Act |
| CSO | Combined Sewage Overflow |
| CT DEP or DEP | Connecticut Department of Environmental Protection |
| CT DPH or DPH | Connecticut Department of Public Health |
| CWA | (Federal) Clean Water Act |
| CWF | Clean Water Fund |
| DA-BA | (Connecticut) Department of Agriculture - Bureau of Aquaculture |
| DECD | (Connecticut) Department of Economic and Community Development |
| DWSRF | Drinking Water Supply Revolving Fund |
| GIS | Geographic Information System |
| IPM | Integrated Pest Management |
| IWL | Impaired Waters List |
| LISS | Long Island Sound Study |
| MCL | Maximum Contaminant Level |
| MTBE | Methyl Tertiary-Butyl Ether |
| NEMO | Nonpoint Education for Municipal Officials |
| NHD | National Hydrography Dataset (for stream mapping nationwide) |
| NPS | Nonpoint Source (pollution) |
| NRCS | Natural Resource Conservation Service |
| OLISP | Office of Long Island Sound Program (at CT DEP) |
| PWS | Public Water Supply |
| QRWA | Quinnipiac River Watershed Association |
| QSHC | Quinebaug-Shetucket Heritage Corridor |
| QWP | Quinnipiac Watershed Partnership |
| RBP | Rapid Bioassessment Protocols |
| SDWA | (Federal) Safe Drinking Water Act |
| SECCOG | Southeast Connecticut Council of Governments |
| SET | Sediment Erosion Table |
| STORET | (US EPA's) data STORage and RETrieval system |
| TMDL | Total Maximum Daily Load |
| TWA | (Connecticut) Tidal Wetlands Act |
| US EPA or EPA | United States Environmental Protection Agency |
| USDA | United States Department of Agriculture |
| USGS | United States Geological Survey |
| UST | Underground Storage Tank |
| WPC | Water Planning Council |
| WQS | Water Quality Standards |

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# Chapter 1 . Executive Summary

Section 305(b) of the Federal Clean Water Act (CWA) requires each State to monitor, assess and report on the quality of its waters relative to designated uses established by the State's Water Quality Standards (CT WQS 2002b). This process is the principal means by which States report on water quality and the extent of water quality impairments to the United States Environmental Protection Agency (US EPA), the United States Congress, and the general public. States submit 305(b) reports biennially to US EPA, where the information is compiled into a national summary, the *National Water Quality Inventory* (US EPA 2002). An electronic report of Connecticut's assessment database was provided to US EPA separately. This written report fulfils the Federal requirement for a narrative report.

Section 303(d) of the CWA requires States to list all waters not meeting water quality standards and to prioritize those waters for management. Prior to 2002, the Connecticut 305(b) and 303(d) reports were separate documents, as was the case for most States. Following guidance issued by US EPA in 2001, CT DEP developed a *Consolidated Assessment and Listing Methodology* (CT CALM, CT DEP 2002e and 2004b), which effectively unified and documented protocols for the assessment of waters for both sections of the CWA. Impaired waters listed under Section 303(d) are now generated as a subset of all waters assessed under Section 305(b), using the CT CALM. The 2004 303(d) List or *2004 List of Connecticut Waterbodies Not Meeting Water Quality Standards* (CT DEP 2004a) is printed as a separate document. The CT CALM (2004b) comprises Chapter 4 of this report.

## Geographic Coverage

In 2001, the CT DEP completed a five-year rotating basin strategy for statewide monitoring in wadeable streams and rivers (CT DEP 1999). One or more major basins were targeted for monitoring each year during the five-year cycle. This allowed CT DEP to increase the miles of assessed perennial streams from 15% to more than 25%. Assessment information obtained during the full basin rotation was reported in the 2002 305(b) Report. Despite gains in monitored miles, this type of focused monitoring cannot be extrapolated to achieve the CWA goal to provide a "description of the quality of all navigable waters of the State".

To work toward the comprehensive assessment goal, CT DEP, with funding and cooperation from US EPA Region I, conducted a pilot statewide probabilistic monitoring effort in wadeable steams during 2002 and 2003. Through this approach, a statistically valid sample of streams was monitored to represent conditions of all wadeable streams in the State. During this two-year period, the rotating basin approach was suspended, although some focused monitoring was still conducted at reference sites, in rivers with known problems, and as intensive monitoring prior to and following Total Maximum Daily Load (TMDL) implementation.

Because laboratory and data analyses have not been completed for all probabilistic sites, a full statistical analysis and extrapolation to all wadeable streams will not be done until the 2006 305(b) Report. For this report, data from probabilistic sites and any targeted monitoring conducted during 2002 and 2003 were incorporated into stream assessments on a segment-by-segment basis. Where no new information was available, river assessments remain the same as for the 2002 305(b) Report. There was new information for 759 miles of river in 173 river segments; 94 miles in 44 segments were assessed for the first time. All estuary segments were re-assessed for this report based on the most recent available information. Lake assessments were updated for 77 of 147 assessed lakes, where new information was available.

Depending on the waterbody and data availability, any one or combination of the following information sources were used to make water quality assessments: benthic macroinvertebrate and fish community analysis, ambient physical/chemical data, indicator bacteria monitoring and beach closures, intensive surveys, toxicity tests, sediment and tissue analyses.

Benthic community analysis was the primary method of evaluating aquatic life use support in wadeable streams, supplemented by fish community data where available. Physical and chemical data were screened and evaluated for water quality criteria exceedences. Indicator bacteria and beach closure information were the primary sources of information for recreational support. For lakes, aquatic weed growth was also considered in the assessment of recreational uses. Fish consumption was assessed for all waters based on advisories issued by the Connecticut Department of Public Health (CT DPH). Shellfishing was assessed for all estuarine waters based on monitoring by the Department of Agriculture-Division of Aquiculture (DA-BA). Navigation, industrial supply, and agricultural uses were assumed to be supported in all waters. A more thorough description of assessment methodology is presented Chapter 4.

Water quality in drinking water reservoirs is reported directly to CT DPH, which in turn reports to US EPA, the Connecticut Legislature, and the public. Some of that information is summarized in this report (Chapter 8), as well as information regarding reservoir trophic status and threats to water quality as perceived by utilities. Although Connecticut does not have official ambient monitoring programs for wetlands or groundwater, the programs that address protection, special monitoring and management are described in Chapters 6 and 7, respectively.

## Major Findings from Water Quality Assessments

Water quality in Connecticut continues to improve as a result of protective laws, remediation efforts and a substantial investment in improved treatment of wastes at the Federal, State, municipal and private levels. There are still gains to be made in these areas. The CT DEP estimates the projected costs for necessary upgrades and improvements to municipal sewage infrastructure to be $2.25 billion. Additionally, further improvements are needed with respect to stormwater management and nonpoint source pollution control. Implementation of Phase II stormwater regulations and continued funding of Section 319 nonpoint source management projects will help address these issues. However, improvements in nonpoint pollution control depend in large part on the development and implementation of protective measures at the local level.

Some of the major findings during the five-year rotating basin assessment period include:
*Rivers*

- ♦ More than 76% (1,187 of 1,556) of assessed river miles were fully supporting for aquatic life use;

- For biologically impaired river segments, often multiple potential sources exist and determination of the definitive cause(s) and source(s) requires further investigative work;
- 69% (925 of 1,338) of river miles assessed for contact recreation were supporting;
- Indicator bacteria is the most common cause for impairment in rivers; of the miles impaired by bacteria, about 35% were associated with a possible source of human sewage;

*Lakes*

- Contact recreation was fully supported in 84% (21,840 of 25,997) of assessed lake acres;
- Contact recreation impairment in lakes was less often associated with indicator bacteria than with extensive aquatic weed or algal growth;
- The 4% (1,029 of 27,650) of assessed lake acres considered impaired for aquatic life use can be largely attributed to eutrophication processes;
- Invasive and or/exotic aquatic weed growth has emerged as a significant threat to recreational use support, as well as aesthetic quality in lakes.

*Estuaries*

- Hypoxia (low oxygen conditions) is the primary cause of aquatic life use impairment in Long Island Sound, affecting over a third of Connecticut's bottom estuarine waters for some period of time during the summer. This is largely due to nitrogen loading, which fuels growth of algae that eventually die and decompose, consuming oxygen;
- Implementation of the Long Island Sound TMDL, approved by US EPA in April 2001, is addressing hypoxia by mandating reduced nitrogen inputs from wastewater treatment plants and nonpoint sources to meet oxygen goals by 2014;
- Through Connecticut's innovative nitrogen credit trading program for municipal treatment plants, nitrogen reduction goals were exceeded for both 2002 and 2003;
- 187 square miles of estuary did not meet direct shellfish harvest or relay conditions appropriate for their respective water quality classifications (SA or SB). The DA-BA identified the main sources of contamination as stormwater runoff, marinas, waterfowl and in some communities, failed septic systems;
- Contact recreation is supported in 96% of assessed estuarine waters. Waters not supporting contact recreation are generally those directly adjacent to remaining CSOs in urban areas.

For decades, Connecticut has invested considerable resources in the enormous task of abating pollution associated with municipal and industrial point sources. These efforts have achieved significant improvements in the quality of many rivers, streams, and coastal waters. Further progress is possible with additional point source controls, particularly for Long Island Sound and several rivers. In the future, however, water resource management efforts will need to be focused on control and mitigation of nonpoint pollution sources and coordinated watershed efforts. These initiatives will require input from the numerous public and private interests that oversee land use management and environmental policy, especially at the local level.

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## Chapter 2. Connecticut Surface Water Resources & Management

Freshwater resources in Connecticut include approximately 5,830 miles of rivers and streams (Figure 2-1), 2,300 lakes, ponds and reservoirs (US EPA 1993), 435,000 acres of inland wetlands, and 17,500 acres of tidal wetlands (Metzler and Tiner 1992). Almost all of the State's freshwater resources are tributary to the Long Island Sound estuary. A very small portion (less than 100 square miles) is tributary to the Hudson River in New York. Table 2-1 provides a summary of Connecticut's water resources.

Table 2-1. Connecticut Water Resources Atlas

| | |
|---|---|
| State Population (2000) | 3,409,549 |
| State Surface Area | 5009 square miles (3,205,760 acres) |
| No. of Major Basins according to State Subdivisions | 7 |
| Total No. of River Miles | ~ 5,830* |
| Perennial Stream Miles | 5,484 |
| Intermittent Stream Miles | 344 |
| Ditches and Canal Miles | 2 |
| No. of Border River Miles | ~ 11 miles |
| Border Rivers | Byram River - NY<br>Pawcatuck River – RI |
| Major Interstate Rivers | French River - MA<br>Quinebaug River - MA<br>Connecticut River - MA, VT, NH<br>Housatonic River- MA<br>Farmington River – MA |
| No. of Lakes/Ponds/Reservoir | 2,267 |
| No. of Significant Public Owned Lake | 116 |
| No. of Drinking Water Reservoirs | 179 |
| Acres of Lakes/Ponds/Reservoirs | ~ 64,973 |
| Acres of Significant Publicly Owned Lakes | 27,107 |
| Acres of Drinking Water Reservoirs | 18,604 |
| Square miles of Estuaries/Harbors | ~ 612 |
| Miles of Coastline | ~380 |
| Acres of Freshwater Wetlands (Approx. 15% of state area) | ~ 435,000 |
| Acres of Tidal Wetlands | ~ 17,500 |

* This estimate is derived from a US EPA (1993) computer measurement tool working from USGS maps at the 1:100,000 scale. This number can and will vary with map scale, and is expected to increase with the implementation of the National Hydrography Dataset at the 1:24,000 scale for the 2006 report.

Average annual precipitation in Connecticut is 47 inches. Annual precipitation, which contributes to surface runoff, ranges from an annual average of 22 inches in north-central and southwestern Connecticut to about 29 inches in southeastern Connecticut. Streamflow varies significantly throughout the year in response to the seasonality of precipitation and the growing season. The critical time with regard to decreased flows for most Connecticut streams and rivers is late summer and early fall when drought conditions may occur.

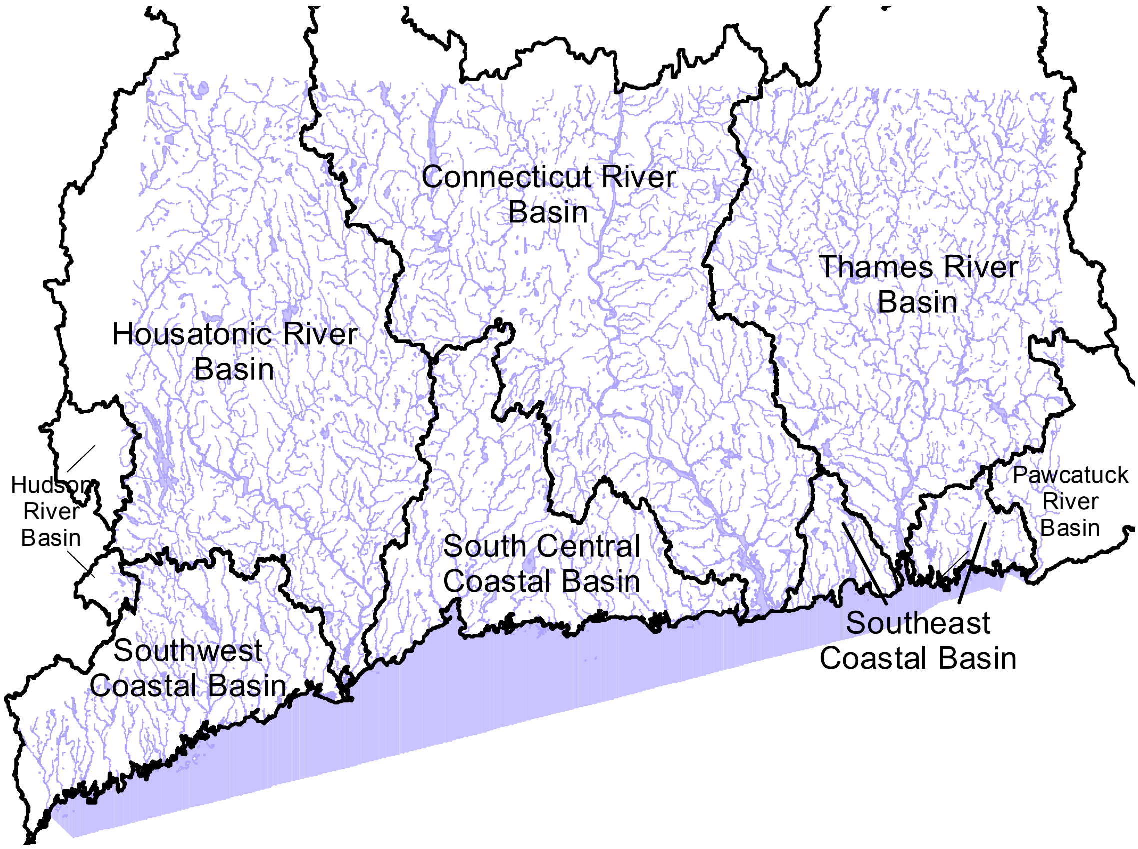


Figure 2-1. Connecticut's perennial streams and major basins.

The largest river basins in the state include portions of the Connecticut (1,450 square miles, 13% of the entire basin), Housatonic (1,248 square miles, 64% of the entire basin), and Thames (1,155 square miles, 78% of the entire basin). Smaller coastal rivers are included in three major coastal basin complexes, the Southwest Coast, South Central Coast and Southeast Coast Major Basins. The South Central Coast complex includes the entire Quinnipiac River basin (166 square miles). Additionally, Connecticut contains a small part of the Hudson River basin along the New York State border, and the Pawcatuck River basin along the Rhode Island border.

Connecticut's 179 public water supply reservoirs provide potable water to roughly two thirds of the State's residents. Recreational uses of these reservoirs is generally prohibited or limited to passive uses such as fishing and hiking. Of more than 2,100 perennial lakes and ponds (US EPA 1993) that are not used for drinking water, DEP classifies 116 as "significant", in that they offer recreational opportunities to the general public and/or have outstanding aquatic habitats or fisheries.

The estuarine waters of Long Island Sound are in the midst of one of the most heavily urbanized and suburbanized regions in the nation. The Sound's 16,000 square mile watershed encompasses virtually all of Connecticut, parts of Massachusetts, New Hampshire and Vermont, a small area in Canada, and portions of New York City and Nassau, Westchester and Suffolk Counties in New York State. The western end is connected to New York Harbor via the East River, a tidal strait. The eastern end is connected to Block Island Sound in Rhode Island and the Atlantic Ocean. Roughly 610 of the 1300 square miles of the Sound's estuarine waters are within Connecticut's boundaries and assessed by the DEP.

Surface water resources are essential for many diverse needs including the growth and development of the State's economy. The high quality of many of these resources contributes to the quality of life for Connecticut residents. The State's dense population and industrial base places major demands on surface waters for potable and industrial supply, waste assimilation, and recreation. These demands must be accommodated while achieving water quality suitable to support healthy aquatic life.

**Connecticut Water Quality Standards and Criteria**

Connecticut's Water Quality Standards (WQS, CT DEP 2002a) are a critical element in Connecticut's clean water program. They provide the framework and set the overall policy for management of water quality in accordance with Section 22a-426 of the Connecticut General Statutes. Generally, the WQS state that the Department of Environmental Protection shall:

- Protect surface and ground waters from degradation.
- Segregate waters used for drinking from those that play a role in waste assimilation.
- Restore surface waters that have been used for waste assimilation to conditions suitable for fishing and swimming.
- Restore degraded ground water to protect existing and designated uses.
- Provide a framework for establishing priorities for pollution abatement and State funding for clean up.
- Adopt standards that promote the State's economy in harmony with the environment.

There are three elements that make up the WQS. The first of these are the Standards themselves. This is the text of the policy statements, which discuss issues such as classification of different water resources according to the desirable use, anti-degradation, allowable types of discharges, the fundamental principles of waste assimilation, and a variety of other subjects. The second element in this document comprises the Criteria. These are descriptive and numerical standards that describe the allowable parameters and goals for the various water quality classifications. The final element is the Classification Maps that show the Class assigned to each surface and groundwater resource throughout the State. These maps also show the goals for the water resources, and in that manner provide a blueprint and set of priorities for our efforts to restore water quality. The Standards, Criteria and Maps are reviewed and revised roughly every three years. Any change is considered a revision requiring public participation, as described in Section 22a-426 of the Connecticut General Statutes.

**Point Source Discharge Regulation**
The CT DEP regulates wastewater discharges, including certain stormwater discharges to the State's surface and ground water resources. Such regulation provides for control of discharges from a wide variety of activities such as industrial facilities, municipal sewage treatment plants, power generation facilities, construction sites, agricultural waste management systems, large subsurface sewage disposal systems, landfill leachate, and ground water remediation discharges. Regulation activities include permitting, enforcement and tracking reports of discharge monitoring.

Legislation enacted as part of Connecticut's CWA in 1967 (Section 22a-430, Connecticut General Statutes) established the DEP as the authority for discharge permitting in the state. Establishment of this authority enabled the National Pollutant Discharge Elimination System (NPDES) to be delegated to DEP in 1974. Connecticut's Clean Water Act also requires permits for facilities having discharges to ground water resources. Discharge permit issuance is predicated on protecting water quality consistent with Federal and State water quality goals as described in Connecticut's Water Quality Standards (CT DEP 1997).

The CT DEP relies upon numerous enforcement tools to achieve compliance with State and Federal Clean Water Act laws and regulations. Examples include facility monitoring and inspection, compliance assistance, notices of violation and various types of administrative orders to abate pollution. Effluent quality monitoring is required to ascertain compliance with permit conditions, and all such compliance monitoring data are regularly reported to CT DEP.

Additional information concerning wastewater discharge permitting and enforcement programs can be found in the Connecticut Department of Environmental Protection's website, http://dep.state.ct.us/.

**Nonpoint Source (NPS) Pollution Control**
Unlike point source pollution, Nonpoint Source (NPS) pollution is diffuse in nature, both in terms of its origin and in the manner in which it enters surface and ground waters. NPS pollution results from surface runoff, drainage and seepage, as well as direct precipitation and dry atmospheric deposition. Pollutants usually enter surface waters in surges associated with rainstorms or snowmelt. Hydromodification - physical disturbance caused by filling, draining, ditching, damming, or otherwise altering wetlands and watercourses - is also considered a NPS problem.

Impacts of NPS can be subtle, such as the dilution of brackish water by freshwater surges or the deposition of nutrients and toxic substances from atmospheric sources. Often, traditional land use and development practices are overlooked as sources of pollution until their impacts become obvious. Studies have shown that replacing as little as 10% of natural ground cover with impervious surface can cause measurable degradation to stream water quality (Arnold and Gibbons 1996). More noticeable NPS impairment is seen when inadequate erosion and sediment control results in siltation of waterways, or when leachate from agricultural wastes cause obvious turbidity or algal problems.

Management of nonpoint source pollution requires the integration of State, local and Federal programs. A significant strength of Connecticut's NPS Program is its "networked" approach, involving diverse programs such as stormwater permitting, local land use planning, agricultural waste management, aquifer protection, inland and tidal wetland management, and air pollution control.

Section 319 of the CWA, administered through the DEP, funds a large percentage of the programs and efforts mentioned above. From 1990 – 2002, Section 319 grants totaling just over $12 million have supported 277 projects. Some success stories highlighted during the last few years include:

- Significant reduction in the use of pesticides and fertilizers in the Quinnipiac watershed due to implementation of integrated crop and pest management;
- Restoration of degraded salt marsh and coastal grassland at Hammonasset State Park and at White Sands Beach in Old Lyme;
- Cooperative restoration project for Lake Waramaug, which included stream bank stabilization, farm waste management and in-lake restoration techniques;
- Support for volunteer and student monitoring in Connecticut rivers and estuaries.
- Continued support of the Nonpoint Education for Municipal Officials (NEMO) Program, providing local decision-makers with information and tools to protect water resources;
- Restoration of a recreational urban pond in Manchester through dredging of accumulated sediments, and construction of a trash-rack and instream sediment trapping forebay;
- Continued support of a comprehensive monitoring study comparing NPS pollution from a traditional development and one which incorporates a number of Best Management Practices (BMPs); and
- Extensive fish habitat restoration in Railroad Brook in Bolton.

**Watershed Management**

Watershed management considers the resources and problems of a contiguous watershed. Priorities and opportunities are identified to abate pollution, restore degraded habitat and protect existing high quality resources. In 1999, the CT DEP established basin coordinators for major drainage basins in the state. Each coordinator serves as the point person for comprehensive watershed management based on sound science, local stewardship and shared management responsibilities with watershed partners. Below are just a few of the many projects and issues that DEP watershed coordinators, their partners and other stakeholders are working on in their respective watersheds.

*Southwest Coastal Basin*:

- Harbor Watch / River Watch water quality monitoring, database development, and intensive follow-up work to determine the sources of pollutants;
- Stream channel and riparian restoration at Merwin Meadows Park and Schenck's Island; design and permitting of a fisheries bypass at Cannondale (NRCS and the Mianus Chapter of Trout Unlimited);
- Norwalk River Watershed Association study and workshop on municipal septic system ordinances;

- ♦ Permanent exhibit at the Maritime Museum at Norwalk focusing on nonpoint source pollution in the Norwalk River watershed and what residents can do to prevent it;
- ♦ Study of environmental impacts of road sand/salt use in the watershed and exploration of alternatives (Fairfield County Soil and Water Conservation District);
- ♦ Plans for removal of the Strong Pond dam at Merwin's Meadow Park in Wilton (NRCS and Save the Sound), and preliminary design work for removal of the Flock Process Dam in Norwalk;
- ♦ Implementation of Best Management Practices at the Fairfield Hunt Club (Sasco Brook Pollution Abatement Committee - representatives from municipal agencies and CT DEP);
- ♦ Interstate Environmental Commission and intergovernmental initiative to investigate and resolve sources of high fecal indicator bacteria in the Byram River Watershed.

*Housatonic River Basin*:

- ♦ Remediation and restoration of the Housatonic River impacted by polychlorinated biphenyls (PCBs) originating from the General Electric Company facility in Pittsfield, MA (Parties to the October 1999 Consent Decree; citizen interest and environmental groups);
- ♦ Relicensing of Northeast Generation Services Company hydropower facilities along the Housatonic River (Federal Energy Regulatory Commission, CT DEP, U.S. Fish & Wildlife Service, US EPA and other stakeholders);
- ♦ Naugatuck River restoration efforts including wastewater treatment plant upgrades, dam removals, water quality monitoring, anadromous fish passage, in-stream habitat restoration, greenway planning and recreational access (CT DEP, US EPA, US Army Corps of Engineers, regional planning organizations, conservation districts, municipalities and environmental groups);
- ♦ Water Resources Management Plan for the Pomperaug River Watershed - a pilot project designated by the Connecticut Water planning Council as a potential model for statewide application; other local natural resource issues in the Pomperaug River Watershed (Pomperaug River Watershed Coalition, local municipalities and other stakeholders);
- ♦ Local initiatives in the Still River Basin pertaining to rediscovery of the river as a recreational and natural resource (Still River Alliance and Housatonic Valley River Trail working group).

*South Central Coastal Basin*:

- ♦ Feasibility study for the restoration of the former Community Lake in Wallingford and for dredging Hanover Pond in Meriden (DEP, municipalities, and consultants);
- ♦ Fish passage at Wallace Dam on the Quinnipiac River in Wallingford (DEP's Dam Safety and Fisheries programs, Quinnipiac River Watershed Association (QRWA), and a private property owner);
- ♦ Public access to the Quinnipiac River (DEP's Office of Long Island Sound Programs, QRWA, Quinnipiac Watershed Partnership (QWP), Town of North Haven, Regional Growth Partnership, and local businesses);
- ♦ Designation of a Quinnipiac River Greenway (QRWA, QWP, and Quinnipiac River Linear Trail Committee, and municipalities);

- Funding for pubic education and outreach, streambank stabilization, non-point source pollution control, publication of QWP's Quinnipiac River Watershed Action Plan, in addition to research by the Yale Center for Coastal and Watershed Systems;
- Publication of the South Central Coast Major Basin Overview that describes existing DEP programs, resource information and data for the basin.

*Connecticut River Basin*:

- Wild and Scenic Study designation for the Eightmile River in East Haddam, Salem and Lyme (Eightmile River Wild & Scenic Study Committee);
- Farmington River Wild & Scenic designation's Upper Farmington River Management Plan for the West Branch Farmington River in Colebrook, Hartland, Barkhamsted, New Hartford, and Canton (Farmington River Coordinating Committee);
- Farmington River bank stabilization (Farmington River Watershed Association);
- State of the Watershed report for the Pequabuck River (Pequabuck River Watershed Association and the Central Connecticut Regional Planning Agency);
- Implementation of a Mattabesset River Watershed Management Plan (Mattabesset Stakeholders Group);
- Proposed trail along the South Branch Park River (USDA Natural Resources Conservation Service's Resource Conservation & Development Program and the Capitol Region Council of Governments).

*Thames River and Southeast Coastal Basins*:

- West Thompson Lake Phosphorus Budget Study and Thames River Basin Work Plan to address prioritized waterbodies in the French, Quinebaug, Shetucket and upper Thames River basins (DEP, US Geological Survey, US EPA);
- Stormwater Quality Management Project to improve water quality from a commercial center before discharging to the Quinebaug River (DEP, Town of Brooklyn);
- 2004 Work Plan for the Thames River Basin Partnership - including Thames River Floating Workshop, website startup, and Steering Committee actions (DEP, Project Oceanology, USDA-NRCS, EPA, Eastern CT Conservation District, SECCOG, Pfizer);
- Willimantic River State Greenway strategic planning and outreach (DEP, Willimantic River Alliance, 9 towns, Green Valley Institute, USDA-NRCS, CT Greenways Council);
- Quinebaug-Shetucket Heritage Corridor (QSHC) - several projects including a river access and cleanup guide, water resources subcommittee, Quinebaug IPM project, and long-range planning (DEP, QSHC Natural Resources and Agricultural Committee, Green Valley Institute, UConn Cooperative Extension, National Park Service, US Geological Survey, US Army Corps of Engineers, Eastern CT Conservation District, several towns);
- Jordan Cove National Urban Monitoring Demonstration Project – final project phase of media outreach campaign (DEP, University of Connecticut, US EPA, Town of Waterford, AquaSolutions, Project NEMO, and others).

**Special State Concerns**
The CT DEP implements numerous water management progams. Priority initiatives, reported in the *Environmental Quality Branch Strategic Plan for CT DEP* (CT DEP 2002c), are summarized below.

Long Island Sound
Low dissolved oxygen (hypoxia) is the priority water quality problem affecting Long Island Sound. Hypoxia results from excess nutrients, primarily nitrogen, fueling overproduction of algae. When the algae die and sink to the bottom, they decompose consuming large amounts of dissolved oxygen. The key management initiative for the Sound is to raise the dissolved oxygen in bottom waters to a minimum of 3.5 mg/l. This will be accomplished by reducing the annual nitrogen load to the Sound by 58.5% by 2014. A 64% reduction goal was set for Connecticut sewage treatment plants (STPs), which are considered a major source of nitrogen.

The CT DEP issued a general permit with a nitrogen reduction schedule through 2014 covering 79 STPs. This, in addition to requirements for reduction of nonpoint source nitrogen loading, is the main component of the Long Island Sound Total Maximum Daily Load (TMDL) plan. To provide an economic incentive for meeting the overall reduction goal, the Connecticut General Assembly authorized a nitrogen credit-trading program. Under this program, an STP that removes nitrogen in excess of its requirements is able to sell earned credits to the credit exchange. This provides financial incentive for superior performance. Treatment plants not meeting their permit requirements must purchase credits. Through this program, the overall nitrogen reduction goal was exceeded in both 2002 and 2003 (CT DEP 2003). Achieving target goals in the future will depend on the continued availability of financing to support municipal nitrogen removal projects.

Stormwater Management
*Municipal Stormwater*: In recent years, Connecticut has put an increasing emphasis on regulation of stormwater discharges from industrial complexes, municipal facilities and large construction sites. Presently, almost 2000 facilities in Connecticut are registered under one or more general permits authorizing the discharge of stormwater. In January 2004, CT DEP issued a General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4). The MS4 permit affects 130 Connecticut towns, and requires them to develop and implement a stormwater management plan by January 2009, addressing six stormwater control measures:

- Public education and outreach
- Public participation
- Detection and elimination of illicit discharges
- Construction stormwater management
- Post-construction stormwater management
- Pollution prevention / Good housekeeping.

*Concentrated Animal Feeding Operations* (CAFOs): Over 1.1 million tons of manure are produced annually by dairy and poultry farms in Connecticut. Manure contains nutrients and bacteria, which can pollute surface and ground waters if released in excess. Effective April 2003, the US EPA issued new regulations for Concentrated Animal Feeding Operations (CAFOs), defined by the number and type of animals held for controlled production. The CT

DEP has prepared a draft general permit to authorize discharges from CAFOs, requiring affected farmers to develop and implement a nutrient management plans for the collection, storage, treatment and land-application of animal/agricultural waste. The number of farms to be initially covered by CAFO general permit will be no more than ten. A technical report commissioned by the Connecticut CAFO Advisory Committee (Wright-Pierce 2003) estimates that implementation of the permit would cost state farmers more than $20 million over the next five to ten years. To offset this financial burden, the report recommends increased cost-sharing by state and federal programs, removing tax impacts for using state and federal funds, developing a pilot regional manure management facility to help address nutrient surplus, and educating Connecticut consumers about the importance of farming to the economy and quality of life.

Site Remediation

Over the last decade, significant improvements have been made to Connecticut's site remediation programs, including implementation of the Licensed Environmental Professional program, adoption of the remediation standard regulations, the covenant not to sue program, and significant streamlining changes to the Property Transfer Act. Through the Urban Sites Remedial Action Program, and in concert with the Federal Brownfield's program, the CT DEP has made site remediation in urban areas a high priority. CT DEP will continue to increase efforts to work with the Department of Economic and Community Development, the state's municipalities and other parties to develop additional tools and make improvements to our remediation programs, with a special focus on the urban areas.

State Water Allocation

CT DEP has long recognized the need to develop a comprehensive water allocation system that preserves the integrity of water resources while providing for public drinking water needs. In 2000, pursuant to Public Act 98-224, the CT DEP completed a diversion registration inventory and report on water allocation policies for the Connecticut General Assembly. The report included a critical evaluation of present water management programs and recommendations to address policy shortcomings.

CT DEP currently participates in the Water Planning Council (WPC), established by PA-01-177 in 2001 to study eleven major issues related to water supply and natural resource management. Three committees were assigned to study and report on these issues, and each committee designated two subcommittees, which met during 2002. In its first annual report to the General Assembly, January 2003, the WPC proposed initial action steps and policy changes for state agency implementation or legislative consideration. The proposed changes included a revised water allocation procedure, the securing of adequate, stable resources for water allocation management, and reframing the current management structure governing water policy. A model developed by the Water Allocation Subcommittee and endorsed by the WPC identified the critical planning and management elements for well-balanced decision making in a water allocation policy.

The WPC established an Advisory Group in 2003 comprised of a broad array of stakeholders to assist the Council in accomplishing action items set out in their report. The Water Planning Council accomplished a number of significant action items in 2003 including adoption of a State Drought Management Plan, and proposed legislation to amend the Diversion Act and the Water

Utility Coordinating Committee process. The WPC assigned four workgroups in 2003 to study a water conservation rebate program, stream gage monitoring network, small water systems, and land use inventory of public water supply lands. Workgroup reports were submitted to the WPC in the fall of 2003, and the WPC submitted its second Annual Report and 2004 Work Plan to the General Assembly in January 2004. WPC and workgroup reports can be downloaded from: www.dpuc.state.ct.us/DPUCINFO.nsf/ByWaterPlanning.

## Chapter 3. Economic and Community Costs and Benefits of Clean Water

Public funding of for improved sewage system infrastructure in Connecticut is substantial. Since passage of the State Clean Water Act in 1967, more than $1.35 billion has been distributed to Connecticut municipalities as grants or loans for sewage treatment projects through the State's Clean Water Fund. The investment in remediation of Superfund and Brownfield sites is also impressive. Major gains in water quality have been achieved through these public investments, their analogs in the private sector, and protective legislation. Further improvement of the quality of water resources will require continued public and private financial support.

Unlike the costs of cleanup, the benefits of improved water quality are not easily measured in monetary terms. Maintenance of high quality potable water supplies is critical to the health and economic well being of every resident. Clean water for swimming, fishing, and boating are quality of life issues that also have clear economic benefits associated with recreation, marine industries and resultant tax revenues. Cleaning up abandoned and contaminated urban sites has broad implications for the health of nearby residents, the economic revitalization of Connecticut's cities, and the protection of sensitive wetlands and water resources.

Essentially all aspects of Connecticut's clean water programs create long and short term jobs. Upgrading of sewage treatment facilities, the extension of sewer lines, installation of industrial treatment facilities and ground water remediation all generate jobs in the design, engineering and construction industries. Operations and maintenance of these facilities creates long term employment.

### Benefits of Clean Water

*Long Island Sound*

The University of Connecticut conducted a study in 1992 to quantify the economic value of the State's largest water resource, Long Island Sound (Altobello 1992). Dollar values (in 1990 dollars) were calculated for a variety of individual water quality dependent uses of Long Island Sound. Uses such as transportation, power generation and waste disposal, which are not water quality dependent, were not addressed. Key study findings included:

- The annual value to the economies of Connecticut and New York for water quality dependent uses of Long Island Sound was conservatively estimated at 5.5 billion dollars in 1990.
- Approximately 3 billion of those dollars were contributed to Connecticut's economy.
- Annual commercial finfish and shellfish landings for Connecticut were estimated to be $35 million. Associated economies directly related to harvesting increase the value to $98 million. Additional industries related to processing, wholesaling and retailing of fish and shellfish were not considered. Therefore, real economic return to the region would have been considerably higher. (Note: the landings value used by Altobello (1992) is larger than that estimated for 2000 and 2001. See next section).
- An estimated 7.5 million people visited the Connecticut beaches in 1990. Studies conducted in other states suggest that this correlates to roughly $159 million for Connecticut's

economy. Related contributions to the state's tourism industry increases this estimate to $361.4 million.

- Sport fishing constitutes another important industry in Long Island Sound. Roughly 330,000 people participate in the sport in Connecticut. Direct expenditures associated with sport fishing were estimated at $258.5 million. Related activities increase this estimate to $624.6 million contributed to the State's economy.
- Recreational boating represents a huge industry that benefits from water quality. Direct expenditures for equipment and services in Connecticut were estimated at $836 million. The addition of related activities increases this value to 1.84 billion.
- An attempt was made to estimate the value of salt marshes as a resource unto themselves and not as developable land. Many values, such as flood control and erosion buffering were not assigned a dollar value. A conservative estimate of the value of the marshes as spawning grounds and feeding areas for commercial and recreational fishes was calculated. This value was estimated at $93.75 million, equally divided between Connecticut and New York.

A recent economic valuation of the Sound by the National Ocean Economics Project (Kildow *et a*l. 2004) focused on water quality related activities and provided some value estimates that are lower than those in the Altobello (1992) study. The differences are attributed to a decreases in commercial fish harvest, the omission of tourism-related values, and the use of different data sources and valuation techniques for determining "multiplier effects". Still, the latter study concludes maintaining and enhancing water quality in the Sound is economically important.

*Connecticut's Long Island Sound Fishery*

The CT DEP Marine Fisheries Division estimated the economic value of commercial fisheries landings (which include finfish, lobster, crabs, squid, and shellfish) from Long Island Sound in Connecticut at $61.5 million in 2000 and $48.1 million in 2001. The economic value of the recreational fishery in Long Island Sound was estimated at 63.6 million in 2000 and 76.6 million in 2001. "Economic value" of fisheries is the ex-vessel value (dollars received by fishermen for their catch) multiplied by a factor to account for the ripple effects on the economy. These ripple effects may include: expenditures by fisherman for fuel, ice, gear, insurance; wages paid to suppliers of these goods and services; and fishing employee wages spent in the region.

*Economic Value of Clean Lakes*

Researchers at the University of Connecticut conducted a survey of lakeside property owners, and public beach and boat launch users to assess potential economic impacts of deteriorated water quality (Univ. of CT and CT DEP 1999). Property owners were asked how recreation restrictions would affect property values. Beach and boat launch users were asked how losing recreational activities would affect their willingness to pay lake access fees.

Property owners estimated that property values would drop 35% if swimming were not safe, 19% if fish were not safe to eat, and 43% if both swimming and fish consumption were unsafe. Public users estimated that their willingness to pay would drop 60% if swimming were not safe, 42% if fish were not safe to eat, and 79% if neither were safe. Estimates of tax revenue reductions ranged from approximately 35% if swimming were unsafe, 20% if fish were not safe to eat, and 40% if both were unsafe. Survey results were consistent between lakes and demonstrate clearly the negative impact of deteriorated water quality on property values, tax revenues and recreation.

## Investments in Clean Water

*Municipal Sewage Treatment Plant Upgrades*

The State Clean Water Fund (CWF), administered jointly by CT DEP and the Office of the Treasurer, is Connecticut's primary funding source for municipal sewage treatment infrastructure improvements and extensions. It was established in 1986 to provide financial assistance to municipalities for planning, design and construction of wastewater collection and treatment projects, and it replaced previous State and Federal grant programs. The CWF provides combinations of grants and low-interest (2%) loans to municipalities, which undertake water pollution control projects under the direction of CT DEP. The grant/loan combination varies depending on the type of project, which range from treatment plant upgrades for nitrogen removal to elimination of CSOs.

Amendments to the Federal Clean Water Act in 1987 required that states establish a revolving loan program by 1989. Connecticut's State Revolving Fund is regulated by US EPA, and receives federal assistance and state bond monies. The CWF was modified in 1996 to include a revolving fund to assist water companies in complying with the Safe Drinking Water Act (see *Drinking Water Fund* below). It was modified again in 1999 to provide grant monies for wastewater projects associated with nitrogen removal, and again in 2002 to provide 100% loans for collection system improvements that do not traditionally receive CWF monies.

Between 1987 and 2003, the Clean Water Fund made commitments to 449 projects in 85 communities, totaling 1.35 billion dollars. During fiscal year 2003, $17.25 million was obligated to communities including $1.06 million in planning grants. Projected needs, as reported to US EPA following restrictive documentation guidelines, through 2015 are $2.25 billion for treatment plant construction, CSO elimination and costs associated with nitrogen removal to meet requirements set in the Long Island Sound TMDL (see Chapter 2 and 5). This figure actually underestimates the true cost, which is estimated in excess of $3 billion.

Construction of the Waterbury advanced wastewater treatment plant, which was completed in 2001, was the largest project ever undertaken by the CWF, costing $124 million. Shortly after the plant went on line, water quality improvements in the Naugatuck River were significant. While there are still water quality problems to solve throughout the Naugatuck River, it now supports a Trophy Trout management area between Seymour and Torrington.

Full-scale treatment plant upgrades, including nitrogen removal, were completed in Branford and Fairfield in 2003. A total of 25 nitrogen-removal projects have now been completed with CWF financing. Construction of the Stamford advanced wastewater treatment plant was initiated in 2002. It is the second largest project ever undertaken by the CWF costing $106 million.

*Drinking Water Fund*
The 1996 Amendments to the Safe Drinking Water Act authorized US EPA to offer capitalization grants to States for the Drinking Water State Revolving Fund (DWSRF), with a required 20% State match. During 1997, the first year of the program, Connecticut received $21 million in federal capitalization grants for the DWSRF. The State has received $7 - $8 million annually since.

The Connecticut Department of Public Health coordinates the program with the CT DEP, Office of the Treasurer, and the Department of Pubic Utility Control. The program funds a range of projects, which are ranked based on six criteria: water quality violations, water quantity violations, acquisitions and transfers, proactive infrastructure upgrades, protective measures and affordability. Criteria ranking favors: projects in which water quality, water quantity, or infrastructure problems may result in public health concerns; projects oriented to provide long-term solutions; and projects that serve communities where the median household income is less than 80% of the State average.

*Site Remediation*
<u>Urban Sites</u>
Connecticut's Urban Sites Remedial Action Program was created to address a key constraint to the conveyance and reuse of contaminated industrial properties - the fear purchasers and investors have of assuming environmental liability for pollution created by others. The landmark legislation that created a pilot program in 1992 and a full program in 1993 provides for expedited remediation of polluted property and enables the private sector to invest in property development without concern for past environmental contamination.

Through December 2003, $33.3 million in bond funds (out of the $40.5 million available) were appropriated to hire consultants to undertake site assessments and remedial measures where responsible parties were unable or unwilling to do the necessary work. Eligible sites must be located in either a distressed community as defined in Connecticut General Statutes or a target investment community. The site must also have high economic development potential as determined by the Department of Economic and Community Development (DECD).

The use of Urban Sites Remedial Action Program funds facilitated a variety of activities at a number of types of sites, including assessment, remediation and development of:

- The site of a former Brass factory into a 1.2 million-square-foot commercial mall and museum in Waterbury
- The site of a former brass foundry site into a child day care and adult job training facility in New Haven
- An old landfill into the Connecticut Center for the Performing Arts, Hartford
- An abandoned mill buildings and a former scrap yard into a site for a 750,000 sq. foot research and development facility in New London
- A portion of a former Thread mill complex into upscale office space and a riverside park in downtown Windham.

State Superfund

Connecticut's State Superfund program utilizes bond funds for the investigation and remediation of sites where the Commissioner has determined that contamination poses an unacceptable risk to human health and the environment, and a responsible party cannot be identified, or is unable or unwilling to perform the activities required to address the contamination. In this program, DEP uses bond funds to hire contractors to investigate and remediate sites. Since 1987, over $33 million in State Superfund bond funds (out of $46 million available) have been allocated for thirteen sites. Approximately $6.1 million of the State Superfund bond funds have also been used to provide the State's 10% share of remedial action costs at the Raymark Industries Federal Superfund site in Stratford, where work is funded by the Superfund Trust Fund.

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## Chapter 4.  Assessment Methodology for Surface Waters.

This chapter presents the Connecticut Consolidated Assessment and Listing Methodology (CT DEP 2004b).

### Introduction

This assessment and listing methodology documents the decision-making process for assessing the quality of surface waters for the *Connecticut Water Quality Report to Congress*, or "305(b) Report", and for generating the list of *Connecticut Waterbodies Not Meeting Water Quality Standards* or "303(d) List" (CT DEP 2004a).  In accordance with Sections 305(b) and 303(d) of the Federal Clean Water Act (CWA), the State of Connecticut Department of Environmental Protection (CT DEP) submits a 305(b) Report and 303(d) List to the United States Environmental Protection Agency (US EPA) on even numbered years.  The 305(b) Report provides information regarding the quality of all assessed waters in the State relative to their designated uses as established in the Connecticut *Water Quality Standards* (CT WQS, CT DEP 2002a). The 303(d) List documents waters impaired for one or more designated uses.  For waters impaired by a pollutant or pollutants, Section 303(d) further requires that a total maximum daily load (TMDL) for identified pollutant(s) be established and allocated among dischargers.

As with many states, the Connecticut 305(b) Report and 303(d) List have historically been developed independently of each other, with some but not complete overlap of information. Despite their relationship, the statutory requirements for information gathering and public participation are slightly different for the two Sections of the CWA.  Starting in 2002, following a national effort to consolidate the methodologies for both Sections, the Connecticut 303(d) List has been generated as a subset of waters assessed for the 305(b) Report.  The *Consolidated Assessment and Listing Methodology* described here is the procedure by which this is done.  To understand this process, it is important to put it in the context of the Federal CWA and CT WQS.

The CWA is the primary federal law that protects our nation’s surface waters, including lakes, rivers, and coastal areas.  In authorizing the Act, the United States Congress declared as a national goal the attainment, wherever possible, of  “water quality, which provides for the protection and propagation of fish, shellfish and wildlife and provides for recreation in and on the water”.  This goal is popularly referred to as the "fishable / swimmable" requirement of the CWA.  The State of Connecticut adopted Water Quality Standards as required under Section 22a – 426 of the Connecticut General Statutes and Section 303 of the CWA to accomplish this and other water quality goals.

The CT WQS document contains policy statements concerning the protection of water quality and describes the Classification of State waters.  Described for each Class are: 1) allowable discharges; 2) numeric or narrative criteria for various parameters, such as dissolved oxygen and indicator bacteria, to maintain water quality and; 3) designated uses that should be supported (Appendix G).  For example, Class A surface waters have the following designated uses: habitat for fish and other aquatic life and wildlife; potential drinking water supplies; recreational use; and water supply for industry and agriculture. The extent to which waterbodies support their designated uses is the key element of 305(b)/303(d) assessments.  Designated use support is effectively the measure of water quality used for assessment.

**Designated Uses Assessed for 305(b) and 303(d) Reporting**

There are slight differences in the wording for designated uses as they are stated in the CT WQS document and as they are described in 305(b)/303(d) assessments. Designated uses are listed in Table `4-1 as they appear in the CT WQS (CT DEP 2002a) and as they are tracked in the US EPA Assessment Database (ADB) for nation-wide 305(b)/303(d) assessments.

Table 4 -1. Designated uses for surface waters as described in Connecticut Water Quality Standards (CT DEP 2002) and 305(b)/303(d) Reports.

| 305(b) Designated Use | CT WQS Designated Use | Applicable Class of Water | Functional Definition |
|---|---|---|---|
| Primary Contact Recreation | Recreation | AA, A, B, SA, SB | Swimming, water skiing, surfing or other full body contact activities. |
| Secondary Contact Recreation | Recreation | AA, A, B, SA, SB | Boating, canoeing, kayaking, fishing, aesthetic appreciation or other activities that do not require full body contact. |
| Aquatic Life Support | Habitat for fish and other aquatic life and wildlife. | AA, A, B, SA, SB | Waters suitable for the protection, maintenance and propagation of a viable community of aquatic life and associated wildlife. |
| Fish Consumption | Not specified as a use, but implicit in “Habitat for fish and other...”[a] | AA, A, B, SA, SB | Waters supporting fish that do not contain concentrations of contaminants, which would limit consumption to protect human health. |
| Shellfishing | Shellfish harvesting for direct human consumption. | SA | Waters from which shellfish can be harvested and consumed directly without depuration or relay. Waters may be conditionally approved. |
| Shellfishing | Commercial shellfish harvesting. | SB | Waters supporting commercial shellfish harvesting for transfer to a depuration plant or relay (transplant) to approved areas for purification prior to human consumption (may be conditionally approved); also support seed oyster harvesting |
| Public Water Supply | Existing or proposed [b] drinking water supplies. | AA | Waters presently used for public drinking water supply or officially designated as potential public water supply. |
| Public Water Supply | Potential drinking water supplies. | A | Waters that have not been identified, officially, but may be considered for public drinking water supply in the future. |
| Navigation | Navigation | A, B, SA, SB | Waters capable of being used for shipping, travel or other transportation by private, military or commercial vessels. |
| Industrial | Water Supply for Industry | AA, A, B, SA, SB | Waters suitable for industrial supply. |
| Aesthetics | Not a designated use but included in narrative criteria. | AA, A, B, SA, SB | Appearance, odor or other characteristics of water, which impact human senses are acceptable. |
| Agricultural | Agriculture | AA, A, B | Waters suitable for general agricultural purposes. |
| Overall | | AA, A, B, SA, SB | Waters supporting all of their designated uses. |

[a] Also addressed in CT WQS policy statement #14: Surface waters… shall be free of chemical constituents in concentrations or combinations which will… bioconcentrate or bioaccumulate in tissues of fish, shellfish and other

aquatic organisms at levels which will impair the health of aquatic organisms or wildlife or result in unacceptable tastes, odors or health risks to human consumers…

[b] Potential drinking water supplies identified in the Long Range Plan for Management of Water Resources prepared and adopted pursuant to Section 22a-352 Section 25-32d of the Connecticut General Statutes (Water Quality Standards, CT DEP 2002a).

**Levels of Use Support**

In making water quality assessments, each designated use of a waterbody or waterbody segment is assigned a level of support (*e.g*., full support, partial support), which characterizes the degree to which the water is suitable for that use. The following use support categories are currently used for 305(b) reporting. These are general definitions. Refer to the section in this chapter entitled *Assessment Methodology* (p.4-8) for specific information regarding the criteria for determining levels of support for each designated use.

Full Support – water quality in the waterbody or waterbody segment is suitable for a designated use and will presumably continue to be suitable for that use in the future.

Threatened - the waterbody currently supports the designated use, but may not in the future due to degrading water quality or the existence of pollution threats that may impair water quality. This category is a subset of Full Support.

Partial Support - the waterbody or waterbody segment does not support the designated use at all times or under certain conditions, or the criteria used to assess support are only partially met.

Not Supporting - the waterbody or waterbody segment does not support the designated use.

Not Attainable * - the waterbody or waterbody segment has been altered to the point where there is no expectation that the use can be met (*e.g*., a section of river that is piped underground).

* The Not Attainable designation does not imply that there has been a Use Attainability Analysis. This designation has been retained for 305(b) reporting because it provides information regarding river segments that are completely enclosed in conduits (i.e., for all practical purposes are not attainable). For 303(d) listing however, these waters are grouped with Not Supporting so as not to be construed to have undergone a Use Attainability Analysis.

Not Assessed – Insufficient or no information exists to adequately assess use support.

**Information Used to Assess Use Support**

Depending on the waterbody and data availability, any one or combination of several types of data may be used to assess water quality and use support: ambient physical and chemical parameters, benthic invertebrate and fish community, indicator bacteria, aquatic toxicity, tissue contaminant, sediment chemistry/toxicity and effluent analysis. Following guidance from US EPA (US EPA 2003), the following data and information are considered in conducting water quality assessments:

- The (most recent) Section 305(b) report, including the Section 314 lakes assessment;
- The most recent Section 303(d) list;
- The most recent Section 319(a) nonpoint assessment;

- Reports of water quality problems provided by local, state, territorial or federal agencies, volunteer monitoring networks, members of the public or academic institutions;
- Reports of dilution calculations or predictive models;
- Fish and shellfish advisories, restrictions on water sports or recreational contact;
- Reports of fish kills or abnormalities (cancers, lesions, tumors);
- Water quality management plans;
- Safe Drinking Water Act Section 1453 source water assessments;
- Superfund and Resource Conservation and Recovery Act reports; and
- The most recent Toxic Release Inventory.

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) and recent studies by professional contractors. For estuaries, aquatic life use assessments are based primarily on physical and chemical monitoring by the CT DEP for the EPA National Estuary Program Long Island Sound Study. Shellfishing use support is based on bacteria monitoring and sanitary surveys conducted by the CT Department of Agriculture - Bureau of Aquaculture (CT DA-BA) for shellfish bed management.

Reasonable efforts are also made to incorporate data from other state and federal agencies, municipalities, utilities, consultants, academia, and volunteer monitoring groups. Volunteer groups and academics that receive funding through Section 319 of the CWA have data reporting requirements, which encourages the sharing of information for water quality assessments. The CT DEP also directs a monitoring program for volunteers from which usable assessment information is obtained. The details of this program, *A Tiered Approach to Citizen – Based Monitoring of Wadeable Streams and Rivers*, can be obtained from the CT DEP, Bureau of Water Management or online at http://www.dep.state.ct.us/wtr/volunmon/volopp.htm.

Other types of information that may be used for assessments include water quality surveys conducted by municipalities and discharge monitoring data from municipal sewage treatment plants, industries and remediation projects. CT DEP staff may conduct effluent or ambient toxicity tests as follow-up to suspected problems.

Knowledge of a condition known to cause water quality impairment is also considered valid information for determining use support. For example, the presence of a combined sewer overflow (CSO) in a stream segment automatically precludes primary contact use support. Use restrictions, such as beach closures, are also taken into consideration.

**Data Quality and Degree of Confidence**

In tracking water quality assessments, a distinction is made between waters that are considered "monitored" and waters that are considered "evaluated". A waterbody or waterbody segment is considered monitored if the assessment is based on "sufficient and credible" ambient water quality data that are less than five years old. "Sufficient and credible" means that the quantity and quality of information can support a scientifically defensible assessment by an experienced professional familiar with waters of similar characteristics. Generally, if the data are more than five years old, not considered high quality, reflect limited sampling events, or if the assessment is made using other types of information, such as knowledge of a pollution source, the waterbody or waterbody segment is considered evaluated.

In most cases a waterbody is considered monitored when ambient data is provided by CT DEP, USGS or CT DA-BA. When volunteer or academic monitors have an EPA-approved Quality Assurance Project Plan (QAPP), their data are usually considered reliable and the waters may be considered monitored.

**Where and When Water Quality is Assessed**

***Waterbodies and Waterbody Segments***

A waterbody is a stream/river, lake/pond or estuary/embayment, which may be divided into segments. The basic assessment unit is the segment, and each segment is considered to have homogenous water quality (*i.e.*, use support is uniform throughout the segment). Typically, streams are segmented by features that may cause a change in water quality, such as a confluence with a tributary, a point source discharge, an impoundment or a significant change in land use. For the 2004 reporting cycle, 242 rivers comprising 487 segments were assessed. Almost all 147 assessed lakes were considered to each consist of one segment. (The two exceptions were a large river impoundment partially affected by low oxygen and a pair of connected ponds separated by an earthen berm.) Long Island Sound and associated embayments and estuaries were divided in to 51 waterbodies with 112 segments, largely based on shellfish bed classifications.

***Stream & Rivers: Rotating Basin and Probabilistic Approaches***

In 2001, the CT DEP completed statewide monitoring in wadeable streams and rivers using a five-year rotating basin strategy, whereby a major hydrological area (basin) was targeted for monitoring each year during the five-year cycle. A more detailed explanation of this approach is found in *Ambient Monitoring Strategy for Rivers and Streams, Rotating Basin Approach* (CT DEP 1999), and assessment information obtained during the full basin rotation was reported in the 2002 305(b) Report.

Even with the resulting increase in assessed miles (approximately 15% to 25%) resulting from the rotating basin approach, the CWA requirement to provide a description of water quality of <u>all</u> navigable waters is not feasible based on this type of focused monitoring. To work toward this comprehensive assessment goal, the CT DEP with funding and cooperation from US EPA Region I conducted a pilot statewide probabilistic monitoring effort in wadeable steams during 2002-2003. Through this approach, a statistically valid sample of streams was monitored to represent conditions of all wadeable streams in the State. During this two-year period, the rotating basin approach was suspended, although some focused monitoring was still conducted at reference sites, in rivers with known problems, as follow-up to effluent treatment upgrades, and as intensive monitoring prior to and following TMDL implementation. Because all laboratory and data analyses have not been completed for probabilistic sites, a full statistical assessment of all wadeable streams will not be done until the 2006 305(b) Report. However, data from probabilistic sites, where analysis was completed, and any targeted monitoring conducted during the 2002-2003 were incorporated into stream assessments on a segment-by-segment basis for the 2004 report.

For regular ambient monitoring, whether under targeted or probabilistic designs, CT DEP generally samples streams quarterly for physical and chemical parameters, and indicator bacteria. At wadeable sites, benthic macroinvertebrate collections are made during the fall index period. Benthic community structure is used as the primary indicator of biological integrity. Fish community sampling was added at all sites during implementation of the probabilistic approach, and at a subset of sites during the rotating basin schedule. Field surveys and collections of periphyton (benthic algae) were conducted at probabilistic sites during the summers of 2002 and 2003. Analysis of algae data is not complete and will be incorporated into assessments for the 2006 reporting cycle.

In addition to monitoring conducted by CT DEP staff, a cooperative DEP/USGS fixed-network provides physical, chemical and bacteria data from approximately thirty sites located across the State. This long-term program provides data from four to twelve sampling events at each site per year on major rivers and several wadeable streams.

***Lakes***

Historically, Connecticut has assessed 105 - 115 "significant" lakes statewide for 305(b) reporting. Significance is based on a lake having state or federal public access, or providing unique or otherwise important habitats. In incorporating previously listed 303(d) waters into the 305(b) assessment process in 2002, a number of lakes and ponds which are not considered "significant", but are believed to have impairments, were added to the lake assessment list. Additionally, lakes and ponds with locally monitored bathing beaches have been added.

Due to staff and funding constraints, there has been no statewide ambient lake-monitoring program in Connecticut for more than a decade, and many lake assessments fall into the "evaluated" category because existing information is more than five years old. However, there has been limited targeted monitoring by CT DEP and USGS staff in lakes with known problems. Also, the Lakes Management Grant Program, administered by CT DEP, funds intensive surveys and diagnostic studies in lakes identified as having special problems or special concern to communities. These studies provide valuable information regarding contamination, eutrophication, sedimentation, and extent of aquatic plant growth. Current beach closure data are also taken into consideration for determining primary contact use support.

In 2004, CT DEP will begin a statewide probabilistic lake-monitoring program whereby 20 lakes, chosen by a stratified random design, will be monitored each year for a three-year period. Resulting data will be incorporated into lake assessments for 305(b) reporting as appropriate. Following completion of this project, CT DEP will evaluate the utility of this type of monitoring in providing assessment information and whether it is feasible to continue.

***Estuaries***

Long Island Sound is monitored year-round on a monthly schedule for dissolved oxygen and nutrients at 17 fixed stations; 25 - 30 stations are added during summer months. Concurrent with this effort, CT DEP collects water quality, sediment, biological community and tissue data at as many as 40 offshore and harbor sites for a US EPA probabilistic monitoring program, the National Coastal Assessment (Strobel 2000). For the national assessment, representative stations in coastal harbors and offshore waters are chosen randomly to represent conditions of the entire Sound. This information provides the basis for aquatic life use assessments. Annual shellfish bed monitoring and sanitary surveys conducted by CT DA-BA provide assessment information for shellfish use support. Beach closure information as well as known sources of pollution, such as CSOs, is used to determine primary contact use support. All estuarine waters were re-assessed using the most current information for the 2004 reporting cycle.

***Reservoirs, Beaches, Fish Kills***

Beach closure, drinking water reservoir trophic status and closure, and fish kill information are solicited and reported for the entire State in separate tables in the 305(b) Report. This information is incorporated into individual waterbody assessments where appropriate.

**Management of Assessment information**

Assessment data (*e.g.*, segment descriptions, assessment methods, use-support, causes and sources of impairment) are stored electronically by waterbody segment in an Assessment Database (ADB) provided by the US EPA. These data are submitted annually in electronic format to EPA in addition to the written biennial 305(b) Report.

Efforts are ongoing to link assessment information stored in the ADB directly to a Geographic Information System (GIS). Connecticut is part of a national initiative to index assessed surface waters to the National Hydrography Dataset (NHD). Problems related to incompatibility of map scales at the state and national levels have delayed utilization of the NHD in Connecticut. The CT DEP expects to fully integrate the NHD into 305(b) reporting for the 2006 cycle. For the 2004 reporting cycle, assessment information and waterbody segmentation are represented by simple graphics using GIS.

Raw monitoring data are managed by means of a Microsoft Access database developed by the Water Monitoring and Assessment Section of the CT DEP. This database contains sampling results and meta-data collected by the Monitoring and Assessment Section since 1997, and has greatly facilitated the assessment process. While CT DEP uses this in-house Microsoft Access database for normal monitoring and assessment purposes, EPA's STORET national water quality database is the ultimate repository for all monitoring results. Migration of CT DEP monitoring data to STORET began in 2003, with all beach data. All monitoring station information will be added in early 2004, followed by chemical, physical, and bacterial data and finally biological community information.

CT DEP TMDL staff maintains a Microsoft Access database to document progress of TMDL development and implementation. The database stores pertinent information regarding participants, waterbodies, ambient and facility monitoring data, and the status of Best Management Practices (BMPs) in achieving TMDL goals. It allows tracking participants from many programs within DEP, other government agencies and interest groups.

**Assessment Methodology**
Assessment procedures generally follow guidance provided by US EPA (1997) using a variety of information and data types. The CT DEP applies a "weight of evidence" approach when using multiple types of data. A waterbody is generally considered impaired when one or more sources of data or information indicate a water quality standard is not attained, providing that information is considered sufficient and fully credible (see Data Quality section, p. 4-4). For example, if available indicator bacteria data do not exceed criteria, but a CSO is present, the waterbody segment is considered impaired. If the benthic invertebrate community is just meeting standards, and the fish community shows impairment, the waterbody is considered impaired. In resolving discrepancies in conflicting information, consideration is given to data quality, age, frequency and site-specific environmental factors. If reconciliation of conflicting data is not possible, the waterbody segment is designated as "not assessed" for the relevant use and flagged for further monitoring.

**Aquatic Life Use Support**

*River and Streams*

Because the biological community of a stream integrates the effects of pollutants and other conditions over time, biological community assessment is the best and most direct measure of aquatic life use support (ALUS). CT DEP has used benthic macroinvertebrate community structure as the primary indicator of biological integrity since the mid-1970s. These data provide a relatively direct characterization of impairment and use support through comparison of sample communities to reference communities (Table 4-2). Occasionally, where habitat conditions are not optimal, a non-quantitative assessment may be used to infer aquatic life use support. Such assessments fall into the "evaluated" category. It is important to note that while CT DEP employs the methods described in US EPA's Rapid Bioassessment Protocols (RBP, Plafkin *et al*. 1989), the actual criteria for benthic invertebrates in the CT WQS (CT DEP 2002a) are narrative community descriptions, rather than numeric values.

Beginning in 1999, fish community sampling has been conducted at wadeable sites by means of a cooperative project with the DEP Fisheries Division. CT DEP intends to develop a numerical index for assessing fish community data in the future, but currently relies on the best professional judgment of fisheries and water quality monitoring staff biologists to evaluate community structure. In general, fish populations from sampled streams are compared to what would be expected in an unimpaired or minimally impaired stream of similar size. Fisheries assessments are used to support benthic information and in some cases provide the primary method to assess ALUS. Methods for both benthic invertebrate and fish monitoring are described in CT DEP (1996, 2001), Plafkin *et al*. (1989) and Barbour *et al*. (1999).

Indirect measurements of ALUS such as ambient physical/chemical data, discharge monitoring reports, aquatic toxicity monitoring reports, and sediment data are also evaluated against water quality criteria established in CT WQS (CT DEP 2002a). Decision criteria used in making ALUS assessments are provided in Table 4-2.

Table 4-2. Aquatic life use support categories and contributing decision criteria for wadeable streams.

| Aquatic Life Use | Criteria / Indicators |
|---|---|
| Fully Supporting | • Benthic community: bioassessment indicates community is non-impaired or slightly impaired [a], and meets narrative criteria in CT WQS; RBP III Community Score (Plafkin *et al*. 1989) > 54 % of Reference Condition.<br>• Fish community: species composition, trophic structure, and age class distribution as expected for a non-impacted stream of similar size.<br>• Conventional physical/chemical criteria not exceeded.<br>• Measured toxicants do not exceed chronic toxicity criteria.<br>• No record of catastrophic events (*e.g*., chemical spills, fish kills)<br>• No evidence of flow diversion |
| Threatened | • Benthic community: non-impaired or lightly impaired, but still meets narrative criteria in CT WQS; RBP III Community Score (Plafkin *et al*. 1989) > 54 % of Reference Condition, and conditions exist that may impact the community in the future.<br>• Fish community as above, but documented trend is downward or conditions exist that may impact the community in the future.<br>• Slight exceedences of either conventional or toxicant criteria in < 10% of samples; exceedences difficult to discern from expected analytical variability or error.<br>• Discharge effluent constitutes >20% of stream flow.<br>• Land use conditions exist that may cause impairment.<br>• Flow reductions due to diversions have been observed. |
| Partially Supporting | • Benthic community: bioassessment indicates community is moderately impaired; RBP III Community Score (Plafkin *et al*. 1989) 21- 50% of Reference Condition [b].<br>• Fish community: species composition, trophic structure and age class distribution significantly less than expected for a non-impacted stream of similar size; diversity and abundance of intolerant species reduced; top carnivores rare; trophic structure skewed toward omnivory.<br>• Either fish or benthic communities meet above conditions, and the other community is fully supporting.<br>• Conventional physical/chemical criteria exceeded in > 10% but < 25% of samples.<br>• Measured toxicants exceed chronic criteria < 10% of samples.<br>• Flow is reduced significantly during drought conditions. |
| Not Supporting | • Benthic community: bioassessment indicates community is severely impaired; RBP III Community Score (Plafkin *et al.* 1989) < 17% of Reference Condition.<br>• Fish community: species composition, age class distribution and trophic structure greatly impaired in comparison to a non or minimally impacted stream of similar size; community dominated by highly tolerant species, omnivores and habitat generalists; in extreme cases, few species present and/or diseased fish common.<br>• Conventional physical/chemical criteria exceeded in > 25% of samples<br>• Measured toxicants exceed chronic criteria >10% of samples<br>• Stream known to dry completely for significant periods.<br>• Documented catastrophic event (*e.g*., chemical spill, fish kill) |
| Not Attainable | Stream completely enclosed in conduit or cleared concrete trough.<br>Stream is dewatered most of the time due to and upstream impoundment or diversion. |

a. " Slightly impaired" refers to a bioassessment category ( Plafkin *et al*.1989) represented by a benthic macroinvertebrate community that may show some loss of pollution-intolerant forms. In Connecticut, a slightly impaired assessment may still meet water quality standards given habitat restrictions.

b. When a bioassessment falls on the border between two use support categories, use support is determined by staff biologists with consideration site conditions and other available data.

### *Lakes*

Levels of support for aquatic life use are based almost exclusively on the best professional judgment of CT DEP lake management staff based on the most recent available information from government agencies and/or reliable contractors and lake associations. Other factors taken into consideration are known problems, such as chronic algal blooms, extensive establishment of exotic invasive plants, severe sedimentation, and surveys of fisheries biologists.

*Trophic Assessments in Lakes*

Lake trophic classifications, as listed in the CT WQS (CT DEP 2002a, Appendix G) are based on ambient measurements of four parameters: total phosphorus, total nitrogen, chlorophyll a, and secchi disc transparency in specified seasons. Lakes are classified as either oligotrophic, mesotrophic, eutrophic, or highly eutrophic based on the range of values for these four parameters. Macrophyte coverage and density is used to adjust the trophic classification based on water column data described above. While trophic status is not a direct measure of aquatic community health, highly eutrophic conditions, beyond what is naturally expected (given the relative size of the lake/pond and watershed, the origin of the lake/pond, and other physiographic parameters), or a documented trend toward increased eutrophy may indicate an impairment or a threat to aquatic life. A naturally eutrophic lake, having nutrient concentrations that support high levels of biological activity without any significant anthropogenic source, would not be considered impaired.

*Estuaries*

Aquatic life use assessments for estuaries are based primarily on oxygen and nutrient data collected by CT DEP's Long Island Sound monitoring staff. In cases where State water quality criteria are violated for a specific parameter as defined in the CT WQS (CT DEP 2002a), the waterbody is identified as impaired. Low dissolved oxygen, or hypoxia, in offshore waters and some embayments is the most frequently cited impairment of aquatic life. CT DEP revised its dissolved oxygen criteria in 2001 (Appendix G) for offshore bottom waters, based on risk assessment criteria published by EPA (U.S. EPA 2000). Because hypoxia is a seasonal phenomenon, affected waters are considered partially supporting rather than not supporting. Other information sources include tissue analyses, sediment analyses, irregular sampling (*e.g.*, for spills, site assessments or research projects), and professional judgment evaluations of pollutant sources and water quality conditions.

Table 4-3. Aquatic life use support in estuaries as determined by dissolved oxygen levels.

| Aquatic Life Use Assessment | Dissolved Oxygen Criteria |
|---|---|
| Fully Supporting | Waters not affected by hypoxic events. |
| Partially Supporting | Waters affected by hypoxia for some period during the year. |

### *Fish Consumption*

Fish consumption use support is determined by consumption advisories issued by the Connecticut Department of Public Health (CT DPH). Consumption advisories are in turn based on risk assessments conducted by CT DPH using fish tissue contaminant data. A statewide fish consumption advisory was issued in the mid-1990s for all species, except trout less than 15 inches in length, due to mercury contamination. This advisory was based on statewide surveys of mercury contamination in fish from lakes (Neumann 1996), and rivers (CT DEP unpublished). Therefore, in addition to fish consumption use support as determined by the criteria below (Table 4-4), all freshwaters of the State are considered to be partially supporting for fish consumption due to mercury contamination. Likewise, all estuarine waters are partially supporting for fish consumption due to PCB contamination in migratory striped bass and bluefish, as well as lobster tomalley.

Table 4-4. Fish consumption use support and criteria.

| Fish Consumption Assessment | Criteria |
|---|---|
| Fully Supporting | No consumption advisory for any fish species or any consumer group, other than the statewide advisory for Mercury in freshwater fish or PCBs in migratory saltwater fish. |
| Threatened | No consumption advisory for any fish species or any consumer group, other than the statewide advisory for Mercury in freshwater fish or PCBs in migratory saltwater fish, but sediments contain detectable levels of contaminants known to bioaccumulate in fish. |
| Partially Supporting | A consumption advisory exists for some fish species or for certain risk consumer groups, in addition to the statewide advisory for Mercury in freshwater fish or PCBs in migratory saltwater fish. |
| Not Supporting | A fish consumption advisory exists for all fish species for all consumer groups. |

### *Shellfishing (in Estuaries)*

The responsibility for regulating shellfish harvest is assigned to the Department of Agriculture. The Department of Agriculture-Bureau of Aquaculture (CT DA-BA) collects fecal coliform data to assess nearshore waters to determine openings and closures of shellfish grounds (Appendix G). Shellfish beds are classified with respect to the restrictions on harvest. There are four general classifications: 1) Approved for direct human consumption; 2) Conditionally approved for human consumption based upon rainfall, sewage treatment plant operations, season or other conditions, 3) Restricted-relay or restricted-relay/depuration operations (may also be conditional), and 4) Prohibited (may be used for oyster seed harvest). Shellfish growing water classifications are based on seawater sampling and analyses, shoreline surveys and pollution source evaluations conducted by CT DA-BA, in conformance with the Interstate Shellfish Sanitation Conference Model Ordinance. CT DEP applies these classifications to SA and SB waters to assess shellfishing use support (Table 4-5).

Table 4-5. Shellfishing use support as determined by shellfish bed classifications.

| Shellfishing | *Criteria* |
|---|---|
| Fully Supporting | SA waters approved for direct harvest.<br>SB waters approved for direct harvest, conditional harvest, or restricted to relay or depuration operations. |
| Partially Supporting | SA waters conditionally approved for direct harvest. |
| Not Supporting | SA waters prohibited to shellfishing, seed oyster harvesting or certain aquaculture operations; or approved only for relay operations.<br>SB waters prohibited to shellfishing, seed oyster harvesting or certain aquaculture operations. |

In a number of towns, the CT DA-BA has placed restrictions on direct harvest of shellfish from the shoreline out to the mid-Sound state boundary. However, beyond a depth of 50 feet, there is essentially no shellfishing conducted at this time, and these waters are not regularly monitored. Therefore, for 305(b)/303(d) purposes, shellfishing is not evaluated as a use in waters between the 50-foot depth contour and the state line. The lack of monitoring should not be construed to mean these deeper offshore waters do not achieve applicable water quality criteria for indicator bacteria.

### *Primary Contact Recreation*

Assessment of the designated use for primary contact recreation is based, for the most part, on indicator bacteria data provided by CT DEP quarterly sampling, USGS monitoring, volunteer monitoring, and municipal monitoring (Table 4-6). Following the adoption of revised CT WQS in 2002, enterococci group bacteria are now used as the primary indicator organism in salt (estuarine) water, and *Escherichia coli* in fresh water. For salt water, 104 Colony Forming Units or CFU/100 ml of enterococci is the single sample criteria for designated bathing areas, 500 CFU/100 ml for other recreational uses, and 35 CFU/100 ml is the geometric mean criteria for any primary contact use. In fresh water, 235 Colony Forming Units or CFU/100 ml of *Escherichia coli* is the single sample criteria for designated bathing areas, 410 CFU/100 ml for non-designated swimming areas, 576 CFU/100 ml for other recreational uses, and 126 CFU/100 ml is the geometric mean criteria for any primary contact use. Fecal coliform data, where it exists, may be used to confirm use support determinations.

For waterbodies or waterbody segments with designated bathing areas, beach closure information rather than actual indicator bacteria data is generally used to determine use support. Public bathing areas are sampled for indicator bacteria on a weekly basis during the swimming season, which serves as the basis for determining closures (CT DPH and CT DEP 2003). Some local health departments have implemented administrative beach closures, which take effect after rainfall events of some pre-determined magnitude. In these cases, precipitation during the swimming season is also considered in evaluating beach closure information.

Additionally, beach personnel routinely conduct physical inspections of shoreline bathing areas (minimally once per day) for evidence of contamination. State and local officials also utilize sanitary surveys of shorelines and watersheds as a primary tool to determine sanitary quality. Discovery of waste materials indicative of untreated sewage or human fecal contamination (*e.g*., medical waste, disposed condoms, tampon applicators, or diapers, sewage discharged from a boat holding tank or sewage grease balls) can be sufficient justification to support a beach closure decision by local or state authorities.

There is a distinction between occasional, small quantities of temporary and/or transient sources of human fecal contamination transported to a site (*e.g.,* diapers, tampons), and “significant” sources of contamination that originate from a fixed location within the water body (*e.g.*, a CSO or a community with failing septic systems). Any contamination determined to be of human origin would likely result in a beach closure, whereas the presence of a “significant” source would result in a water body segment being assessed as impaired.

All types of closures, whether based on bacterial exceedences or the presence of a contamination source, are included in the annual closure statistics used to assess primary contact use support. A complete discussion of Connecticut's practices related to beach closure may be found in "Guidelines for Monitoring Bathing Waters and Closure Protocol" developed jointly by the Connecticut Department of Health, the DEP, the Connecticut Environmental Health Association, the Connecticut Association of Directors of Health (CT DPH and CT DEP 2003).

In some lakes, primary contact use may also be impaired by excessive growth of aquatic invasive plants or algae. Lakes for which no bacteria data exist may be considered fully supporting of primary contact if the lake is situated completely within an undeveloped area or if there have been no complaints of illness or excessive aquatic plant growth.

Table 4-6. Decision criteria for various categories of primary contact use support.

| **Primary Contact Recreation Assessment** | **Criteria / Indicators for designated public bathing areas** |
|---|---|
| Fully Supporting | • Designated bathing area closed 5% of swimming season or less; and<br>• Sanitary survey indicates no significant source* of human fecal contamination. |
| Threatened | • Designated bathing area closed between 6% and 10% of swimming season; and<br>• Sanitary survey indicates no significant source of human fecal contamination.<br>• Land use or environmental conditions exist that may cause impairment. This may include excessive growth of aquatic weeds that threaten swimming use. |
| Partially Supporting | • Designated bathing area closed between 10% and 25% of swimming season; or<br>• Sanitary survey indicates minor potential for significant source of human fecal contamination. |
| Not Supporting | • Designated bathing area closed more than 25% of swimming season; or<br>• Sanitary survey indicates potential for significant source of human fecal contamination. |
| | **Criteria / Indicators for areas not designated as public bathing areas** |
| Fully Supporting | • Sanitary survey indicates no significant source of human fecal contamination; and<br>• CT DEP and /or USGS ambient monitoring data show no exceedences of indicator bacteria. |
| Threatened | • Sanitary survey indicates no significant source of human fecal contamination; and<br>• CT DEP quarterly monitoring data show a single sample exceedence of indicator bacteria; or<br>• Limited data from another source show exceedences; or<br>• Land use or environmental conditions exist that may cause impairment. (This may include excessive growth of aquatic weeds that threaten swimming use.); or<br>• Stream flow comprises >20% treated sewage effluent. |
| Partially Supporting | • Sanitary survey indicates minor potential for significant source of human fecal contamination; or<br>• Monthly or frequent ambient monitoring data from USGS or another reliable source show a single sample exceedence or an exceedence of the geometric mean for indicator bacteria; or<br>• CT DEP quarterly ambient monitoring data show two extremely high or three moderate single sample exceedences of indicator bacteria.<br>• Land use or environmental conditions exist that may cause impairment. This may include excessive growth of aquatic weeds that preclude swimming. |
| Not Supporting | • Sanitary survey indicates potential for significant source of human fecal contamination; or<br>• Ambient monitoring data from USGS or another reliable source show one or more single sample exceedences and an exceedence of the geometric mean for indicator bacteria; or<br>• Land use conditions exist known to cause impairment. |
| Not Attainable | • Full body contact not possible; river enclosed in conduit. |

- a significant source of human fecal contamination is one that originates from a fixed location and is transported to or within the water body (*e.g.*, a CSO or a community with failing septic systems).

### *Secondary Contact Recreation*

Secondary contact recreation (boating, fishing, *etc*.) is assessed for all lakes. Excessive growth of invasive aquatic plants may threaten or impair secondary contact uses, such as fishing or boating. The degree of impairment is based upon the best professional judgment of CT DEP lakes management staff. Also, in some rivers, where water diversions prevent normal use by canoeists and kayakers, secondary contact has been determined to be impaired. This use is assumed to be supported in all other Connecticut waters.

***Drinking Water Supply***

The CT DPH, in cooperation with the CT DEP, implements the federal Safe Drinking Water Act (SDWA) in Connecticut. The DPH tracks and reports on the water quality of public drinking water supplies within the context of the SDWA. CT DEP does not track reservoirs as waterbodies in the ADB for 305(b) assessments. However, CT DEP periodically surveys water utilities for information concerning closures, trophic status, and potential causes and sources of pollution. Trophic status is reported in a separate table in the 305(b) Report.

A number of Class AA and A tributaries to drinking water reservoirs are tracked and assessed in the ADB for 305(b) reporting. Assessment of these streams is based on standard measures of water quality (physical/chemical parameters, macroinvertebrate community, fish community, *etc.* where available), plus consideration of the potential causes and sources of pollution noted on water utility surveys.

***Aesthetics***

"Aesthetics" is not a designated use of waters in Connecticut WQS, rather a narrative criteria (Appendix G). Due to the ambiguous nature of measuring aesthetic use support, it is not routinely assessed for 305(b) / 303(d) reporting. For lakes, however, aesthetics is evaluated by lake managers based on best professional judgment and complaints received from the public. Complaints are usually due to excessive growth of aquatic plants or chronic algal blooms.

***Navigation***

Navigation is assumed to be fully supported for all A, B, SA and SB waters.

***Agriculture, Industry***

Agricultural and industrial supply uses are assumed to be fully supported for all AA, A, and B waters.

***Overall Use Support***

Overall use support (Table 4-7) is an integrated assessment that considers all designated uses in aggregate: aquatic life, primary contact, fish consumption and shellfishing (estuaries only). Secondary contact and aesthetics are taken into consideration for this integrated use, especially in lakes with algal or aquatic weed problems.

Table 4-7. Overall use support categories.

| Overall Use | Criteria |
|---|---|
| Fully Supporting | All designated uses fully supported. |
| Threatened | All designated uses met, but data may show a decline in integrity. One or more uses threatened. |
| Partially Supporting | One or more designated uses partially supported (Rivers and Lakes); one designated use partially supported or not supported (Estuaries). |
| Not Supporting | One or more designated uses not supported (Rivers and Lakes); more than one use not supported (Estuaries). |
| Not Attainable* | Streams that are completely dewatered due to a diversion, enclosed in a conduit or regularly cleared concrete trough. |
| Not Assessed | Some or none of the designated uses were assessed. |

*The Not Attainable designation does not imply that there has been a Use Attainability Analysis. This designation has been retained for 305(b) reporting because it provides information regarding river segments that are completely enclosed in conduits. For 303(d) listing however, these waters are grouped with Not Supporting so as not to be construed to have a Use Attainability Analysis.

**Listing of Unimpaired and Impaired Waters**

Based on the above assessment methodology, all waters of the State may be placed in one of five categories described in the US EPA guidance (US EPA 2003). For 2002 and 2004 reporting, only impaired waters have been categorized pursuant to this guidance (see categories 4 and 5) for submission with the 303(d) List. All assessed waters, impaired and unimpaired waters are reported in the 305(b) report in a traditional listing by drainage basin. The five EPA categories and the subsequent monitoring recommended to support water quality management are described below:

1. Fully supporting of all uses (may be threatened for some uses [a]). Reliable data and information support a determination that the water quality standards are attained for the Class designation. These waters will be monitored in the future, in accordance with the ambient monitoring strategy adopted by the CT DEP. Waters with threatened uses may be prioritized to determine trends in water quality.

2. Fully supporting of some designated uses (may be threatened for some uses [a]); and insufficient or no data and information available to assess remaining uses. Reliable data and information exist to support a determination that some uses are attained. These waters will be monitored in the future, in accordance with the ambient monitoring strategy adopted by the CT DEP. Waters with threatened uses may be prioritized to determine trends in water quality, or better define attainment status.

3. Not assessed, insufficient or no information exists to determine if any designated use is attained. These waters may be prioritized for monitoring as considered appropriate by CT DEP staff, or may be monitored in accordance with the ambient monitoring strategy adopted by the CT DEP. Following a probabilistic approach, these waters may be assessed through statistical representation.

4. Impaired for one or more designated uses, TMDL development not required for one of the following reasons:

*a.* (CT DEP Tier 1) [b] TMDL has been completed. Waters for which TMDL(s) have been developed CT DEP and approved by US EPA that, when implemented, are expected to result in full attainment of the standard. Where more than one pollutant is associated with the impairment of the waterbody or waterbody segment, it will remain in Category 5 until TMDLs for all pollutants have been completed and approved by EPA. Follow-up monitoring will be scheduled as specified in the TMDL implementation and monitoring plan, to verify that the water quality standard is met after implementation.

b. (CT DEP Tier 4) [b] Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future. These are waters where other pollution controls required by local, state, or federal authority are stringent enough to attain any water quality standard applicable to such waters. The pollution controls required are specifically applicable to the particular water quality problem. Monitoring will be scheduled for these waters to verify that the water quality standard is attained as expected.

c. (CT DEP Tier 5) [b] Impairment is not caused by a pollutant, but by a stressor not directly related to water quality (*e.g*., habitat modification, hydraulic modification). These waters will be monitored in the future, in accordance with the ambient monitoring strategy adopted by the CT DEP.

5. Impaired for one or more designated uses, TMDL development required. The water quality standard is not attained. This category constitutes the subset of impaired waters for which one or more TMDLs are needed (*i.e*., the 303(d) List). Waters in this category will be prioritized for TMDL development based on threats to human health, the potential for a TMDL analysis to result in improved water quality and the comments received during the public review of the proposed 303(d) list. A schedule will be developed for the establishment of TMDLs, describing when data and information will be collected to support TMDL establishment and to determine if standards are attained. This schedule will reflect the priority ranking of the listed waters. Waters in this category are further divided into the two following subcategories:

a. (CT DEP Tier 2) [b] It has been determined through methodology described below, that the impairment is caused by a pollutant stressor (*e.g*., chemical, clean sediment, temperature), a surrogate indicator (*e.g*., indicator bacteria), or can be attributed to a source that contributes multiple pollutants to a waterbody such that implementing a TMDL for one or more pollutants can reasonably be expected to result in attainment of uses. Where more than one pollutant is associated with the impairment, the waterbody or waterbody segment will remain in this category until TMDLs for all pollutants have been completed and approved by EPA. Further investigative monitoring, if necessary, will be scheduled to confirm causes. Follow-up monitoring will be scheduled to determine if standards are attained following TMDL implementation.

b. (CT DEP Tier 3) [b] The waterbody or waterbody segment does not support a use based on biological or other information, and the cause is unknown. It is uncertain whether the impairment is caused by a pollutant. Additional monitoring will be scheduled to identify the cause of impairment. If the additional monitoring determines the cause of the impairment to be a pollutant(s), and other pollution control requirements can not reasonably be expected to result in attainment of standards in the near future, the State will complete a TMDL(s) for the pollutant(s). If the additional monitoring determines the impairment is not caused by a pollutant, the waterbody or waterbody segment will be moved Category 4c.

[a] The US EPA ranking system does not considers threatened waters in category 1 or 2, but places these waters in category 4 or 5. CT DEP considers waters threatened for some uses as meeting water quality standards and does not place them in the impaired waters categories.

[b] US EPA categories 4 and 5 constitute the "Impaired Waters List" (IWL) for the State of Connecticut, documented in the *2002 List of Connecticut Waterbodies Not Meeting Water Quality Standards* (CT DEP 2002). The "Tier" designation refers to the categories used in the Connecticut IWL.

**Determining Causes and Sources of Impairment**

A primary focus of CT DEP monitoring and assessment staff is the evaluation of existing data and information to make use support assessments. In some cases, ambient biological community data indicate impairment, but the cause(s) and source(s) are unknown or, more often, multiple potential causes/sources exist but a direct link to impairment is lacking. Therefore, for many impaired waters listed in the 305(b)/303(d) Report, the causes and sources indicated are the best estimations of DEP monitoring staff based on a weight of evidence approach. Once a waterbody or segment is designated for TMDL development, a more thorough investigative study is conducted to identify causes and sources of impairment. These investigations may include more intensive ambient water quality sampling, aquatic toxicity studies, sediment or fish tissue analysis and/or dilution calculations of known discharges. In some cases the determination of causes and sources may not be possible.

**Delisting of Impaired (303(d)) Waters**

The assessment of surface waters for 305(b) reporting is an on-going process that will result in the removal of some waterbodies from the 303(d) portion of the impaired waters list (IWL), and the addition of others. A waterbody is removed from the 303(d) List when management efforts result in water quality meeting water quality standards. Additionally, a waterbody can be delisted for one of the following reasons:

1) An error was made in the initial assessment causing an erroneous listing. Erroneous listings include those based on anecdotal information that cannot be confirmed through direct observation or measurement using generally accepted, reproducible analytical methods. Such information is often transmitted orally and/or undocumented.
2) Quality controlled data, which are acceptable to CT DEP, demonstrate that designated uses are being met for the waterbody (with or without implementation of a TMDL).
3) Revisions in Water Quality Standards and Criteria may cause a waterbody to come into compliance with Water Quality Standards.

4) The waterbody or waterbody segment meets conditions described in 4a - 4c in the listing methodology above.

**Reconciliation of Past and Present 303(d) Lists**

Apart from the ongoing process of listing and delisting 303(d) waterbodies described in the previous sections, there are cases where a waterbody may be moved to another category based on re-assessment of available information. This occurred in several cases for waters listed as impaired in 1998 based on anecdotal information. In these circumstances, the waterbody usually was moved into EPA category 2 (supporting for some uses, other uses not assessed) or more often category 3 (no or insufficient data available to make any assessment).

**Public Participation**

As described previously, the CT DEP solicits data and information from a variety of sources, including volunteer groups, municipalities, utilities, and academia to incorporate into the assessment process. Additionally, there is a public review process for the 303(d) List and listing methodology. Public comments were actively solicited and considered in providing a final 305(b)/303(d) Report to the US EPA in April 2004.

## Chapter 5. Water Quality (Use Support) Summaries

### Geographic Coverage

Water quality monitoring in Connecticut has historically focused on "major" rivers and waste receiving waters, leaving many smaller streams un-assessed. To increase the number of monitored stream miles, CT DEP implemented a rotating basin approach in 1996, through which one major hydrologic area was targeted each year during a five-year cycle. Additionally, an increased effort was made to incorporate data from volunteers, academics and municipalities. At the completion of the full basin rotation in 2001, the number of assessed stream miles increased from 893 (15%) in 1996 to 1,461 (27%) for aquatic life use and 1,197 (22%) for contact recreation. Despite these gains, this type of focused monitoring cannot be feasibly used to meet the Federal Clean Water Act (CWA) requirement to assess all navigable waters of the State, since it would require monitoring every Connecticut stream.

To work toward the comprehensive assessment goal, CT DEP suspended the rotating basin approach during 2002 and 2003, and, through a cooperative agreement with US EPA, conducted monitoring at stream sites chosen by a probabilistic design. Data from probabilistic sites provide a statistically representative sample that can be extrapolated to characterize water quality conditions of all wadeable streams in the State. During the past two years, in addition to probabilistic sites, DEP staff conducted monitoring at reference sites, sites with known problems and intensive surveys prior to or following TMDL implementation (Table 5-10). Because laboratory analyses are not complete for all probabilistic sites at this time, the full statistical analysis will not be done until the 2006 305(b) Report. For this report, where new data were available (759.5 miles in 173 segments), assessments were made on a segment-by-segment basis. Forty-four of those segments comprising 94.4 miles had not been previously assessed. Where no new data were available, river and stream segment assessments remain the same as for the 2002 305(b) Report. Figure 5-1 depicts river segments assessed for 2002 and, where data were available for 2004.

In estuaries, CT DEP conducts probabilistic monitoring as part of the National Coastal Assessment (Strobel 2000), in addition to fixed sites monitored for hypoxia and nutrients as part of the ongoing Long Island Sound Study (http://www.longislandsoundstudy.net/). These programs plus coastal shellfish and beach monitoring, allows CT DEP to effectively assess all estuarine waters. For this report all estuarine segments were re-assessed using available information.

Lake assessments were updated for 77 of 147 assessed lakes, where new information existed. Data sources included information provided by consultants and qualified contractors working through the Lakes Grant Program, TMDL analyses, targeted monitoring by CT DEP and USGS, and beach closure information. CT DEP will embark on a three-year probabilistic lake project in 2004 with the goal of monitoring 20 lakes per year over a three-year period. Through this effort, using a statistically representative sample of lakes, CT DEP will be able to achieve the comprehensive monitoring goal as with probabilistic river monitoring. Table 5-1 below summarizes assessment coverage for all waterbody types for the 2004 reporting cycle.

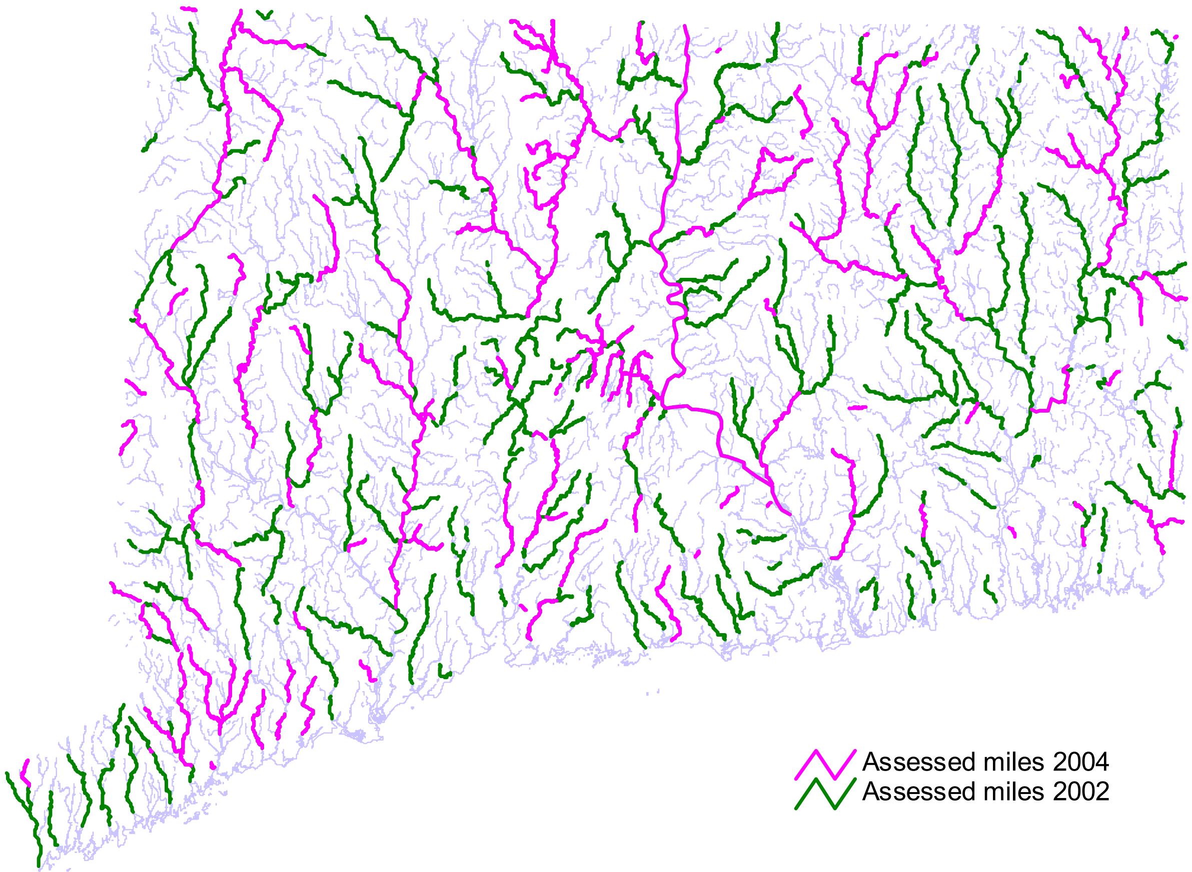


Figure 5-1. Assessed Connecticut stream miles 2002 and 2004.

Table 5-1. Summary of Evaluated and Monitored Waterbody Segments.

| Waterbody Type | Rivers | Lakes | Estuaries |
|---|---|---|---|
| No. of Waterbodies | 242 | 147 | 51 |
| No. of Segments | 487 | 149 | 112 |
| Assessed Size | 1,774.2 miles* | 27,881.0 acres | 613.4 square miles |
| No. of Segments Monitored | 312 | 85 | 112 |
| Size Monitored | 1,278.4 miles | 21,140.6 acres | 613.4 square miles |
| No. of Segments Evaluated | 175 | 64 | 0 |
| Size Evaluated | 495.8 miles | 6,740.4 acres | 0 square miles |

* This total includes 156 river miles tracked in the Assessment Database (ADB) for which no aquatic life or primary contact assessment was made. Such cases may occur when un-assessed segments fall between assessed segments, or when rivers were added from the 1998 Impaired Waters List (CT DEP 1998) based on anecdotal information.

## Segmentation of Waterbodies and Temporal Comparisons

Because of changes in assessment procedures over time including segmentation and re-measuring of rivers, the addition of many assessed river miles and inclusion of 303(d) impaired waters, it is not possible to make direct comparisons of present use support to historic assessment of rivers. One notable change in procedure is the assessment of overall use support. In compliance with EPA guidance (US EPA 2003), and the Connecticut Consolidated Assessment and Listing Methodology (Chapter 4 and CT DEP 2004b), waters, for which some uses are supported and others not assessed, are now considered not assessed for overall use (EPA Category 2, see Chapter 4). In years past, CT DEP had considered waters to be fully supporting of overall use if data or information existed for at least one major use, and there was no evidence that other uses might be impaired. Thus, a number of waters were changed from fully supporting for overall use to unassessed. Many additions of impaired miles were made when incorporating the 303(d) list of impaired waters into the 305(b) assessment waters. The public comment process, required by Section 303(d) of the CWA, also resulted in the addition of impaired miles.

The segmentation of rivers into discrete sections, based on hydrology, land use or changes in water quality (Chapter 4), allows for a much more critical assessment of these waters with respect to data availability. While a significant number of river miles were added to the assessment database due to increased DEP, volunteer and academic monitoring, some assessed miles were actually lost. This may have occurred due to a more accurate measurement of river length, or the determination that there was insufficient information to make an assessment for a particular river segment. The impoundments of the Housatonic River (Lakes Zoar, Lillinonah and Housatonic) were historically double-counted as both river miles and lake acres. For the current assessment, these waters are considered as lakes, only. Appendix A provides the location of all waterbody segments assessed for this report.

Finally, the subset of assessed rivers in Connecticut has not been a statistically representative sample of the State's flowing waters, rather biased toward major and/or waste-receiving rivers. Therefore, it has not been possible to characterize use attainment of Connecticut rivers in general. However, data derived from the probabilistic monitoring project, once all analyses are complete, will allow for a statistically extrapolation of use support for all rivers of the state.

**Rivers and Streams**

A summary of use support for rivers in Connecticut is presented in Table 5-2. Water quality assessments for individual rivers and streams in these basins can be found in Appendix B of this report. Segments for which new information was available appear in boldface print. The benthic community analysis on which aquatic life use determinations were primarily based is presented in Appendix H. Summary information for causes and sources of impairment is presented in Tables 5-3 and 5-6, respectively.

Information provided by volunteers, academics, municipalities and utilities was used in the assessment of 345 miles in 106 segments of 73 rivers. Volunteers and academics, alone, provided information that was incorporated into the assessment of 81 segments comprising 257 miles. Major contributors, largely funded by Section 319 monies, included Connecticut RiverWatch, HarborWatch of Westport, Yale University, Project SEARCH and a number of watershed and fishing-interest groups using CT DEP's Rapid Bioassessment for Volunteers (http://www.dep.state.ct.us/wtr/volunmon/volopp.htm). Municipalities provided beach closure data and results from several intensive studies. Water utilities provided insights into potential causes and sources of impairment for tributaries to reservoirs within drinking water watersheds.

The most common cause of river impairment was exceedence of indicator bacteria criteria, which are used for determining primary contact use support (Table 5-2, Figure 5-2). The criteria are extremely protective of human health and are applied to all streams regardless of the feasibility of full body contact. Shallow urban streams, where body contact is highly unlikely, are held to the same standard as large rivers where contact recreation might realistically occur. Designated bathing areas have even more restrictive criteria (CT DEP 2002a, Appendix G). Of the 400 plus river miles listed as impaired for primary contact, more than 58% are affected by urban runoff, 16% by agriculture and 8% by waterfowl and natural sources. The latter source is believed to be underestimated. Potential sources of human sewage affect about 35% of impaired miles.

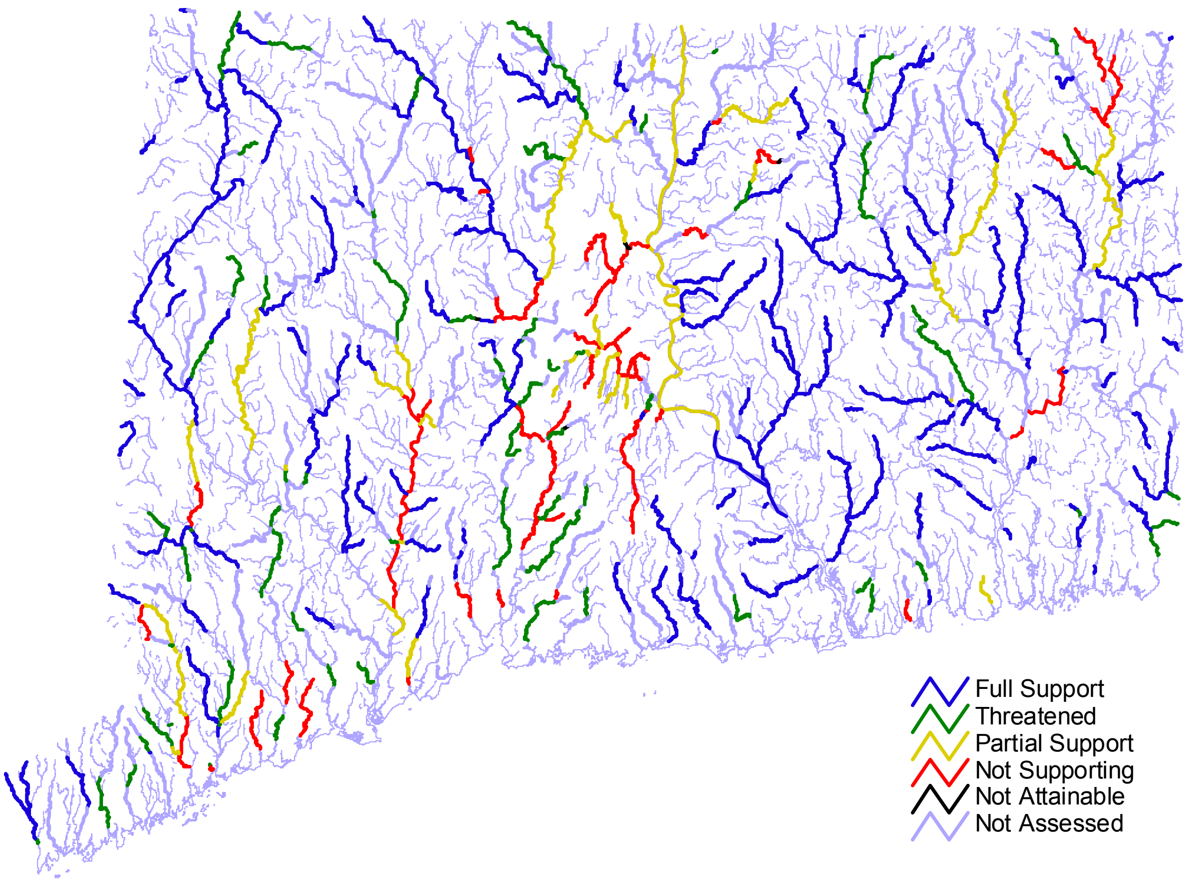


Figure 5-2. Primary contact use support in assessed non-tidal streams and rivers, 2004.

Significant progress has been made in the elimination and control of Combined Sewer Overflows (CSOs), especially in the Hartford and Middletown areas. Enfield has removed all CSOs. All CSOs in Middletown have been eliminated, but the wastewater treatment plant itself overflows to the Connecticut River during high rainfall events. In Hartford and greater Springfield, MA a number of CSOs have been eliminated, but many remain and are reflected in the assessments for the respective river segments (Appendix B).

More than 76% of river miles assessed for aquatic life use were considered fully supporting or fully supporting but threatened (Table 5-2, Figure 5-3). Assessments were based primarily on benthic invertebrate analysis, augmented by fisheries information and physical/chemical data. Monitoring staff reported potential causes and sources of impairment to aquatic life based on direct observations or knowledge of upstream land use. Often there are multiple potential causes and sources, and further investigative work is required to make direct linkages. Therefore, "Cause Unknown" or "Source Unknown" is usually reported along with potential causes and sources. Exceptions to this occur when more intensive investigations have been conducted or when there was a clear violation of water quality standards for some physical or chemical criteria. Special and/or intensive monitoring projects conducted during 2002 and 2003 are documented in Table 5-10.

In recent years, CT DEP staff has made an increased effort to document flow alteration due to water withdrawals or impoundments as a cause of impairment. Dewatering of streams has historically been under-reported as an impairing cause of aquatic life use. Flow alteration was reported as an impairing cause when stream segments were documented to run dry, and as a threatening cause when the flow was greatly reduced due to withdrawals or impoundments (Tables 5-3 and 5-6). An increased effort was also made to report siltation where it may be an impairing cause.

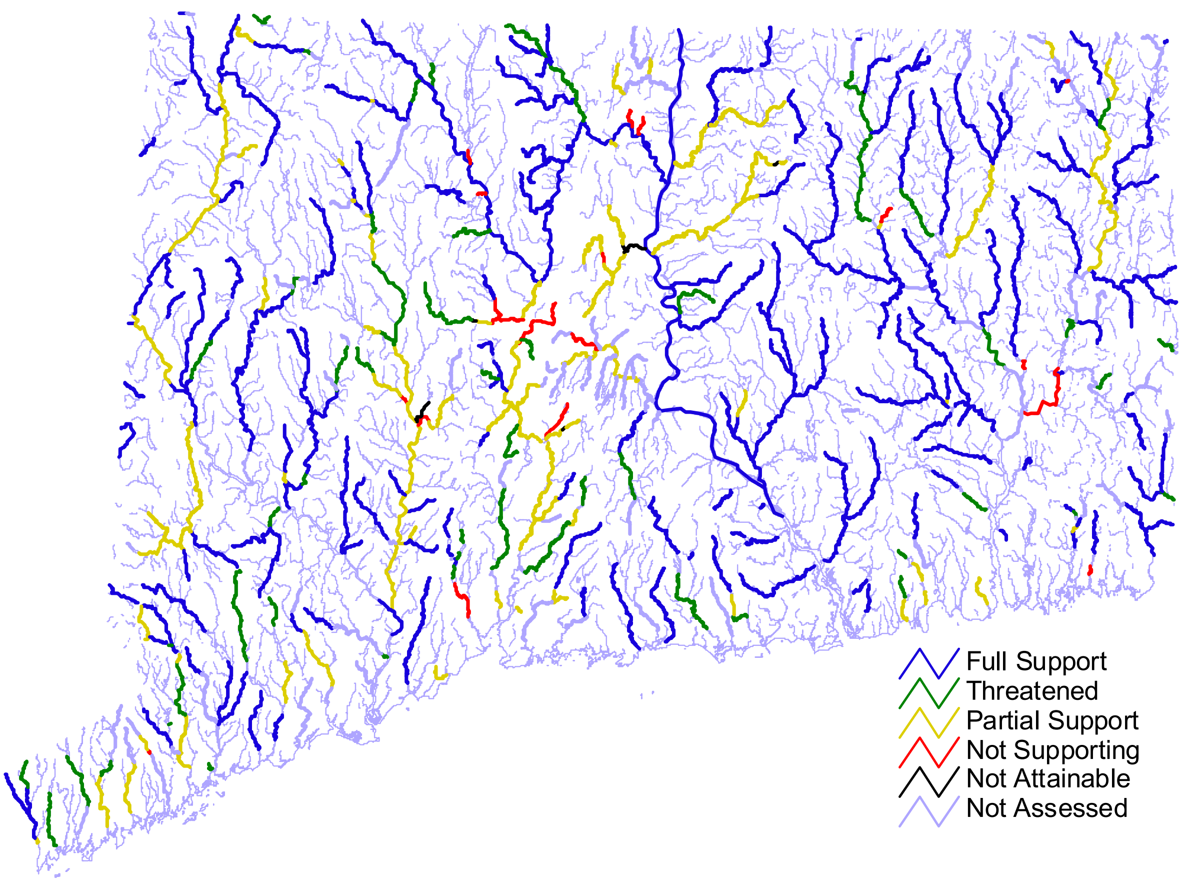


Figure 5-3. Aquatic life use support in assessed non-tidal rivers and streams, 2004.

Fifty of the 128 river miles impaired for fish consumption occur in the Housatonic River, impacted by PCB-contaminated sediments originating from historic releases at an industrial site in Pittsfield MA. This problem also affects the Housatonic Lakes (see Lakes and Reservoirs below), and some tributaries were the migration of contaminated fish is possible. Carp and catfish in the Connecticut River are also affected by PCBs believed to originate beyond the Connecticut border. The remaining miles are affected by local spills of contaminants, some of which are fully remediated but retain a fish consumption advisory until confirmatory tissue analyses are complete and approved by the CT Department of Health. Because of the statewide fish consumption advisory for mercury, fish consumption is technically impaired for all fresh waters of the State. River miles reported in Table 5-2, however, consider only those waters that carry an advisory beyond the statewide mercury advisory.

**Lakes and Reservoirs**

Prior to the 1998 305(b) reporting cycle, 115 "significant public" lakes had been traditionally assessed. They were considered "significant public" lakes based on public access and/or some unique ecosystem value. Since 1996, 34 lakes have been added to 305(b) assessments for various reasons. Most were added when the 1998 list of impaired waters (303(d) List, (CT DEP 1998a) was incorporated into the 305(b) process. Other additions were smaller ponds with locally monitored public beaches. Only two of the recently added lakes fit the "significant" definition. Both are flood control reservoirs, which support recreation and are managed by US Army Corps of Engineers. One lake, Aspinook Pond, was actually declassified as significant because CT DEP lake staff determined it did not meet the criteria.

A summary of the trophic status of all assessed lakes appears in Table 5-9. While trophic status in and of itself is not an indicator of water quality, increased eutrophication associated with human activities is considered impairment. Use support assessments for lakes are summarized in Table 5-2. Potential causes and sources of impairment are summarized in Tables 5-4 and 5-7 respectively. Appendix C contains use support and trophic information for individual lakes and lake segments (two assessed lakes in the State consist of two segments).

Exotic species and nuisance aquatic plants are considered impairing causes of about 2,300 lake acres in the State, but many more are considered threatened. This problem is largely attributable to the transport of vegetation from one lake to another as plant fragments attached to boats and boat trailers. Connecticut has an aggressive plant transport prevention program, and works with communities to control existing problems through the Connecticut Lakes Grant management program. Excessive algal growth is identified as an impairing cause of about 3,300 lake acres in Connecticut. Most of these waters are impoundments of rivers, which drain large watersheds and carry runoff and treated effluents from numerous point sources. For the 2004 assessment cycle, 1,900 acres comprising Lake Lillinonah, were added to the total of impaired acres due to nuisance algae and aquatic plant growth, as well as floating debris.

Eighty-four percent of assessed lake acres are considered supporting of primary contact. More than half of the affected acres are considered impaired due to extensive algal or aquatic weed growth rather than indicator bacteria. Exotic and invasive weeds are a significant emerging cause of impairment to aesthetic quality, as well as primary and secondary use support in lakes. Aquatic life use impairments can generally be attributed to eutrophication processes associated with human activities. CT DEP has contracted with consultants to develop TMDLs for four lakes identified with eutrophication issues.

A significant portion, 3,150 of the 4,000, lake acres impaired for fish consumption can be attributed to PCB contamination of sediments in the large impoundments of the Housatonic River, Lakes Zoar, Lillinonah and Housatonic (see Rivers above). Lake McDonough, Silver Lake, Wyassup Lake and Dodge Pond carry advisories for Mercury. Two urban ponds, Union and Brewster Ponds, are affected by chlordane, a pesticide. All lakes carrying fish consumption advisories are listed in Chapter 8. As with rivers, due to the statewide consumption advisory for freshwater fish due to mercury, all lakes of the State are technically impaired for fish consumption. The tables in this chapter reflect only those lake acres that carry advisories beyond the statewide advisory.

**Drinking Water Reservoirs**

Water utilities report directly to the Connecticut Department of Public Health (CT DPH) with regard to water quality in reservoirs, and these waters are not tracked as waterbodies in the Assessment database for 305(b) reporting. However CT DEP does solicit information from water utilities regarding the trophic status of reservoirs and perceived threats to water quality. In 2000 and 2001, 33 public and private water supply utilities provided general information for 179 waterbodies managed as drinking water reservoirs, which was confirmed by completed Source Water Assessments in 2003 (see Chapter 8). Based on utility survey responses, the trophic status for Connecticut reservoirs was characterized as follows: 23 eutrophic reservoirs, 91 mesotrophic, 32 oligotrophic; 24 unknown and 9 with no information provided. A listing of activity and trophic status for all Connecticut drinking water supply reservoirs is presented in Appendix F. Violations of drinking water criteria as reported by CT DPH are summarized in Chapter 8 of this report.

**Estuaries**

Use support information for individual estuary segments is presented in Appendix D. Summary statistics for use support are found in Table 5-2; causes of impairment are summarized in Table 5-5 and sources of impairment in Table 5-8.

Hypoxia, or low oxygen conditions, has been identified as a major impairment of Long Island Sound, as reflected in aquatic life use assessments (Table 5-2). The condition is caused by excessive growth of phytoplankton, stimulated by nitrogen loading. When large amounts of phytoplankton eventually die and sink to the bottom, their decomposition uses up available oxygen. The extent of hypoxia varies from year to year, depending on weather conditions that promote stratification or layering of the Sound's waters. Under warm and relatively calm conditions, warmer lighter waters form a layer over cooler denser waters. Hypoxia occurs in the bottom waters during the summer when stratification seals off these lower layers, and prevents them from mixing with and being re-oxygenated by surface waters. This is particularly acute in the western part of the Sound. The stronger and longer the period of stratification, generally the worse the hypoxia in terms of area impacted and minimum levels of oxygen observed.

The 235 square miles identified as impacted by offshore hypoxia represent an average condition observed over several years. Although nitrogen control programs reduced point source nitrogen loading about 29.8% between 1990 and 2001, natural variability precludes quantifying improvements in hypoxia with certainty. CT DEP and New York State, gained EPA approval for a nitrogen TMDL in April 2001. The TMDL formalizes a plan to meet oxygen goals established through the Long Island Sound Study partnership by 2014. CT is required to remove 64% of the baseline nitrogen load (based on 1990 loadings) from point sources and 10% of the baseline from urban and agricultural runoff. To achieve the point source wasteload allocation, the Connecticut General Assembly authorized a Nitrogen Credit Exchange in 2001. The overall nitrogen reduction goal was exceeded in both 2002 and 2003 (See Chapter 2 and CT DEP 2003).

For the assessment of shellfishing use support, the CT DEP made a change in its methodology in 2002. Approximately 236 square miles of estuary are no longer considered potential shellfishing areas because they are deeper than current technologies allow for harvesting. Approximately 187 square miles (49.6%) of the assessed waters did not meet direct shellfish harvest or relay conditions appropriate for their water quality classifications. For these waters, the Department of Agriculture / Bureau of Aquaculture associated high indicator bacteria levels primarily with stormwater runoff, marinas and waterfowl. Remaining CSOs in New Haven, Bridgeport and Norwalk are also cited as bacteria sources (Table 5-8, Appendix D).

**Table 5-2. Use support summaries for Connecticut waters, 2004.**

| Use | Assessed | Not Assessed[a] | Full Support | Full Support but Threatened | Partial Support | Not Supporting | Not Attain-able |
|---|---|---|---|---|---|---|---|
| **Rivers** (numbers are in miles) | | | | | | | |
| Overall Use Support | 1,354.9 | 419.3 | 555.0 | 216.9 | 366.6 | 209.8 | 6.6 |
| Aquatic Life Support | 1,556.2 | 218.0 | 981.2 | 203.6 | 321.6 | 43.3 | 6.6 |
| Fish Consumption[b] | 1,773.4 | 0.8 | 1,644.6 | 1.3 | 108.0 | 19.5 | 0 |
| Primary Contact (Recreation) | 1,338.4 | 435.8 | 694.2 | 231.2 | 218.1 | 193.3 | 2.0 |
| **Freshwater Lakes** (numbers are in acres) | | | | | | | |
| Overall Use Support | 26,249.7 | 1,613.3 | 8,132.9 | 12,644.8 | 5,309.6 | 162.4 | 0 |
| Aquatic Life Support | 27,650.1 | 230.9 | 12,086.6 | 14,534.1 | 1,028.8 | 0.6 | 0 |
| Fish Consumption[b] | 27,870.3 | 10.7 | 23,737.3 | 0 | 4,077.9 | 55.0 | 0 |
| Primary Contact (Recreation) | 25,996.9 | 188.5 | 10,800.3 | 11,039.4 | 4,050.4 | 106.8 | 0 |
| Secondary Contact (Recreation) | 25,055.3 | 2,825.7 | 15,441.3 | 7,225.9 | 2,388.1 | 0 | 0 |
| **Estuaries** (numbers are in square miles) | | | | | | | |
| Overall Use Support | 613.4 | 0 | 218.7 | 1.9 | 384.6 | 8.2 | 0 |
| Aquatic Life Support | 613.4 | 0 | 371.3 | 0.4 | 240.9 | 0.8 | 0 |
| Fish Consumption[b] | 613.4 | 0 | 604.1 | 0 | 9.3 | 0 | 0 |
| Shellfishing | 377.6 | 235.8 | 190.3 | 0 | 16.9 | 170.4 | 0 |
| Primary Contact (Recreation) | 609.5 | 3.9 | 571.0 | 13.2 | 15.9 | 9.3 | 0 |

[a] All fresh waters of the State are considered to be partially supporting for fish consumption due to a statewide limited consumption advisory for all fish except trout because of mercury contamination from atmospheric deposition. Similarly, all estuarine waters are considered partially supporting for fish consumption due to a limited statewide advisory for bluefish, striped bass and lobster tomalley because of PCB contamination. The waters summarized in these tables carry fish consumption advisories beyond these statewide advisories.

[b] River miles, lake acres and estuarine square miles listed here represent the length or area of waterbodies which are tracked in the Assessment Database (ADB) but for which no assessment exists for the indicated use.

**Table 5-3. Summary of Potential Causes Impairing Rivers, 2004.**

| Cause/Stressor Category | Total Size (Miles) |
|---|---|
| Cause Unknown | 291.4 |
| Unknown toxicity | 3.3 |
| Priority organics | 0.1 |
| Non-priority organics | 16.3 |
| PCB's | 125.5 |
| Metals | 32.5 |
| Copper | 22.9 |
| Lead | 5.5 |
| Mercury | 3.4 |
| Zinc | 4.6 |
| Unionized Ammonia | 5.0 |
| Chlorine | 4.0 |
| Nutrients | 66.2 |
| Siltation | 98.9 |
| Organic enrichment/Low DO | 94.1 |
| Thermal modifications | 1.7 |
| Flow alteration | 69.2 |
| Other habitat alterations | 43.6 |
| Indicator bacteria | 408.4 |
| Radiation | 0.7 |
| Algal Growth/Chlorophyll a | 30.7 |
| Total toxics | 11.80 |
| Turbidity | 28.0 |

**Table 5-4. Summary of Potential Causes Impairing Freshwater Lakes, 2004.**

| Cause/Stressor Category | Total Size (Acres) |
|---|---|
| Pesticides | 54.00 |
| Priority organics | 2.0 |
| PCB's | 3412.6 |
| Metals | 821.4 |
| Cadmium | 5.0 |
| Copper | 0.6 |
| Lead | 23.6 |
| Mercury | 818.8 |
| Unionized Ammonia | 0.6 |
| Nutrients | 2892.8 |
| Siltation | 155.3 |
| Organic enrichment/Low DO | 896.9 |
| Other habitat alterations | 105.0 |
| Indicator bacteria | 1273.9 |
| Taste and Odor | 1900.0 |
| Suspended solids | 9.5 |
| Noxious aquatic plants | 2249.1 |
| Algal Growth/Chlorophyll a | 3284.9 |
| Turbidity | 205.6 |
| Exotic species | 2226.3 |

**Table 5-5. Summary of Potential Causes Impairing Estuaries, 2004.**

| Cause/Stressor Category | Square Miles |
|---|---|
| Unknown toxicity | 12.3 |
| Priority organics | 13.4 |
| Nonpriority organics | 0.4 |
| PCB's | 9.4 |
| Dioxins | 0.1 |
| Metals | 0.6 |
| Copper | 0.1 |
| Lead | 0.5 |
| Mercury | 0.4 |
| Zinc | 0.1 |
| Nutrients | 234.7 |
| Organic enrichment/Low DO | 236.8 |
| Other habitat alterations | 0.50 |
| Indicator bacteria | 187.5 |
| Oil and grease | 11.3 |

**Table 5-6. Summary of Potential Sources Impairing Rivers, 2004.**

| Source Category | Miles |
|---|---|
| Industrial Point Sources | 98.5 |
| Municipal Point Sources | 108.5 |
| Combined Sewer Overflow | 87.8 |
| Collection System Failure | 72.1 |
| Agriculture | 65.8 |
| Land Development | 35.5 |
| Urban Runoff/Storm Sewers | 239.0 |
| Erosion and Sedimentation | 3.8 |
| Resource Extraction | 13.2 |
| Surface Mining | 8.5 |
| Dredge Mining | 4.7 |
| Land Disposal | 47.2 |
| Landfills | 40.5 |
| Onsite Wastewater Systems (Septic Tanks) | 6.7 |
| Hydromodification | 105.0 |
| Channelization | 29.7 |
| Upstream Impoundment | 27.7 |
| Flow Regulation/Modification | 69.2 |
| Habitat Modification (other than Hydromodification) | 20.8 |
| Removal of Riparian Vegetation | 15.3 |
| Bank or Shoreline Modification/Destabilization | 1.7 |
| Waste Storage/Storage Tank Leaks | 24.7 |
| Spills | 4.7 |
| Contaminated Sediments | 47.4 |
| Natural Sources | 10.1 |
| Waterfowl | 21.5 |
| Golf courses | 18.5 |
| Groundwater Loadings | 1.0 |
| Groundwater Withdrawal | 23.2 |
| Source Unknown | 398.7 |
| Sources outside State Jurisdiction or Borders | 105.0 |

**Table 5-7. Summary of Potential Sources Impairing Freshwater Lakes, 2004.**

| Source Category | Total Size (Acres) |
|---|---|
| Industrial Point Sources | 3360.6 |
| Municipal Point Sources | 2168.0 |
| Agriculture | 2208.8 |
| Urban Runoff/Storm Sewers | 691.4 |
| Highway/Road/Bridge Runoff | 258.5 |
| Erosion and Sedimentation | 245.0 |
| Resource Extraction | 45.1 |
| Land Disposal | 90.5 |
| Sludge | 0.6 |
| Landfills | 0.6 |
| Onsite Wastewater Systems (Septic Tanks) | 89.9 |
| Hydromodification | 2225.0 |
| Upstream Impoundment | 325.0 |
| Habitat Modification (other than Hydromodification) | 114.5 |
| Atmospheric Deposition* | 630.4 |
| Waste Storage/Storage Tank Leaks | 73.0 |
| Spills | 33.0 |
| Contaminated Sediments | 3443.6 |
| Debris and bottom deposits | 2156.0 |
| Internal nutrient cycling (primarily lakes) | 346.0 |
| Natural Sources | 56.0 |
| Waterfowl | 68.4 |
| Source Unknown | 2206.1 |
| Sources outside State Jurisdiction or Borders | 3203.2 |

**Table 5-8. Summary of Potential Sources Impairing Estuaries, 2004.**

| Source Category | Square Miles |
|---|---|
| Industrial Point Sources | 78.1 |
| Municipal Point Sources | 343.4 |
| Combined Sewer Overflow | 172.8 |
| Collection System Failure | 2.4 |
| Agriculture | 1.5 |
| Urban Runoff/Storm Sewers | 382.3 |
| Dredge Mining | 0.5 |
| Land Disposal | 109.8 |
| Landfills | 16.7 |
| Onsite Wastewater Systems (Septic Tanks) | 93.1 |
| Marinas | 192.5 |
| Atmospheric deposition | 232.7 |
| Waste Storage/Storage Tank Leaks | 4.2 |
| Spills | 0.4 |
| Contaminated Sediments | 13.2 |
| Natural Sources | 0.4 |
| Waterfowl | 176.2 |
| Source Unknown | 18.5 |
| Sources outside State Jurisdiction or Borders | 1.1 |

**Table 5-9. Summary of trophic status of "significant" and all assessed lakes, 2004.**

| | SIGNIFICANT LAKES | | ALL ASSESSED LAKES | |
|---|---|---|---|---|
| **Trophic Status** | **Number** | **Total Size (acres)** | **Number** | **Total Size (acres)** |
| Eutrophic | 22 | 5753.3 | 27 | 6280.9 |
| Hyper-eutrophic | 18 | 1505.7 | 19 | 1517.7 |
| Mesotrophic | 64 | 16145.9 | 65 | 16423.1 |
| Oligotrophic | 10 | 3116.3 | 10 | 3116.3 |
| Unknown | 2 | 31.1 | 24 | 501.9 |
| **Total** | **116** | **26552.3** | **145** | **27839.9** |

**Table 5-10. CT DEP Intensive Surveys/Special Monitoring Projects 2002-2003**

| Basin Code | Project Date | Project Name | Media |
|---|---|---|---|
| 6900 | Multiple dates 2002-03 | Naugatuck River, Waterbury POTW upgrade project | Water, aquatic community |
| 6912 | Multiple dates 2002-03 | Steele Brk. Watertown, Waterbury, stressor ID study, TMDL | Water, sediment, aquatic community |
| 6900 | Multiple dates 2002-03 | Naugatuck River, Thomaston stressor ID study, TMDL | Water, aquatic community, aquatic toxicity |
| 3300 | Summer 2002 | French River nutrient study | Water |
| 3100 | Multiple dates 2002 | Willimantic R. and tributaries, Stafford, stressor ID study | Water, aquatic community |
| 4315 | June 2002 | Pequabuck River PCB spill | Fish tissue, sediment |
| 2000 | July 2002 | Rocky Neck State Park Beach closure investigation | Water (indicator bacteria) |
| 2000 | Multiple dates 2002-03 | Rocky Neck State Park Beach closure investigation | Bird survey |
| 5207 | Multiple dates 2002-03 | Allen Brook, Wharton Brook State Park TMDL | Water (indicator bacteria) |
| | August 2002 | State Hatchery fish tissue survey | Fish tissue (PCBs) |
| 4400 | Multiple dates 2002-03 | Park River catfish survey | Fish tissue (PCBs) |
| | Multiple dates 2002-03 | State Hatchery well sampling | Water |
| 7404 | April 2003 | Mill River Fish Kill | Water, aquatic community |
| 3000<br>4000<br>5000<br>6000 | May 2003 | Survey of Endocrine Disrupting Compounds (EDCs) | Water |
| 4500 | Multiple dates 2003 | Hockanum River TMDL | Water, aquatic community |
| 4601 | Multiple dates 2003 | Silver Lake Dredging Project | Aquatic toxicity |
| 6000 | Spring 2003 | Housatonic River tributaries | Fish Tissue (PCBs) |
| 6100 | July 2003 | Blackberry River, Fish Kill | Water, aquatic community |
| 3700 | Summer 2003 | West Thompson Reservoir Eutrophication Study | Water, Phytoplankton |

## Chapter 6: Wetlands Assessments

Wetlands are vital and irreplaceable resources to the State of Connecticut. Undisturbed wetlands provide significant habitats for fish and wildlife, and act as buffers between terrestrial and aquatic environments. The ability of these unique areas to moderate effects of flooding and drought, and to trap and filter sediments, nutrients and contaminants makes them essential to the protection of water quality and quantity throughout the State.

Connecticut contains approximately 450,000 acres of freshwater wetlands, as designated by soil type, and 17,500 acres of tidal wetlands (Table 6-1). Estimates of wetland loss since colonial times vary widely between authors. Metzler and Tiner (1992) contend that Connecticut has lost between a one third and one half of its original wetlands based on existing data and personal observation of land development across the State. Passage of the Connecticut Tidal Wetland Act in 1969 and the Inland Wetlands and Watercourses Act in 1972 greatly slowed the loss of wetlands in the State.

Table 6-1. Present and historical wetland and watercourse acreage in Connecticut.

| Category | Acres | Percent of Total Acres |
|---|---|---|
| Connecticut total land area | 3,116,130 | 100.0 |
| Watercourses (excluding Long Island Sound) | 86,496 | 2.8 |
| Freshwater wetlands (by soil type) | 451,656 | 14.5 |
| Estimated original freshwater wetlands (1780s) | 670,000 (Dahl 1990) -<br>~ 900,000 (Metzler & Tiner 1992) | 21.5 – 28.9 |
| Tidal wetlands | 17,500 | 0.6 |
| Estimated original tidal wetlands (1914) | 23,360 (Goodwin & Niering 1966) | 0.8 |

Many Connecticut wetlands are degraded by historic and ongoing activities. Tidal wetlands have been impacted by structures and practices that alter normal tidal flow, such as tide gates, undersized culverts, and of mosquito ditches. The damage caused by these activities has been successfully reversed over 1,800 acres through restoration efforts. Stormwater runoff from developed lands may carry contaminants and sediments to tidal wetlands, interfere with the natural fresh/saltwater balance, and exacerbate the spread of the invasive reed grass, *Phragmites australis.* Freshwater wetlands are degraded by a variety of sources including direct discharges, sedimentation, and contaminated stormwater or groundwater. Ongoing and pending stormwater permit programs will help reduce the effects of stormwater on both fresh and tidal wetlands.

### Inland Wetlands and Watercourses Management Program

In 1972, the Connecticut Legislature passed the Inland Wetlands and Watercourses Act (Connecticut General Statutes Sections 22a-36 through 22a-45), recognizing the benefits of these resources in their natural condition and providing for the regulation of activities therein. By this legislation, wetlands are defined as "land, including submerged land, which consists of the soil types designated as poorly drained, very poorly drained, alluvial and floodplain by the National Soil Survey of the USDA Natural Resource Conservation Service". Watercourses include "rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural and artificial, vernal or intermittent…". Marshes, swamps, bogs and areas that meet the federal definition of wetlands are regarded as surface waters of the State and are accountable to Connecticut Water Quality Standards.

*Municipal Jurisdiction*: The CT DEP delegates jurisdiction over wetlands to municipal wetlands agencies who have adopted local regulations consistent with the State statutes and model regulations prepared by the DEP. Local commissions may adopt additional or more stringent regulations, as well as provisions for regulating activities in upland review areas, so long as the language is consistent with State statutes.

*State Oversight*: The CT DEP has authority to suspend or revoke regulatory authority of municipal wetland agencies that fail to act in conformance with state statutes and regulations. The CT DEP is empowered to intervene in municipal proceedings and to issue enforcement orders, individually or jointly with local regulatory commissions. By law, the Commissioner of the CT DEP is provided notice of all appeals of municipal agency decisions. The CT DEP may become a party in court cases dealing with matters of significance to State law, agency powers or important natural resources.

*Training and Technical Assistance*: The CT DEP inland wetlands management program provides assistance and training to all municipal wetlands agencies on a regular basis. Each year approximately 500 municipal commissioners and staff are reached through a series of educational workshops. These workshops are designed to instruct local commissioners on wetland identification, function and regulations. Site evaluations and technical assistance are also offered to communities on an "as needed" basis, available time and staff permitting.

The CT DEP provides guidance documents to support municipal agency decision-making and resource management efforts. These include model regulations, a commissioner's handbook, a site plan manual, legal and technical advisories, and a manual for assessing functional values of wetlands. The latter is designed for use on a watershed-planning basis to identify and characterize wetlands of special value in order to help guide regulatory decision-making. In 2002, the CT DEP in cooperation with the Connecticut Council on Soil and Water Conservation, published a detailed guidance document for soil erosion and sediment control for use by municipal agencies.

*Statewide Activity Reporting*: CT DEP tracks wetland impacts reported by individual towns. The latest published data for 2001 show that 141 of the State's 170 inland wetland agencies reported issuance of 2,622 permits resulting in loss or alteration of 125 acres of wetlands, and alteration of 24,238 linear feet of stream. Non-reporting towns were issued reminders of reporting requirements but those subsequent data were not available at the time of this report. As of July 2003, 29 towns had yet to report for 2001.

*401 Water Quality Certifications*: The CT DEP, Bureau of Water Management, Inland Water Resources Division processes 401 Water Quality Certifications for proposed activities requiring U.S. Army Corps of Engineers 404 permits in inland water and wetlands. Section 401 of the Clean Water Act requires applicants to obtain a certification or waiver from the state water pollution control agency to discharge dredged or fill materials into waters or wetlands. The State agency reviews the proposed activity's compliance with State Water Quality Standards. The 401

Water Quality Certification discourages unnecessary, avoidable, or inappropriate uses of wetlands and watercourses. DEP staff currently review each 401 application on its individual merit, according to professional judgment and provisions of the Connecticut Water Quality Standards.

*Monitoring of Inland Wetlands*

While the CT DEP does not have an biological monitoring program for inland wetlands at this time, staff from Inland Water Resources Division attend meetings of the National and New England Biological Assessment of Wetlands Workgroups and are evaluating the pilot wetlands monitoring programs in other states. Through the Intergovernmental Mobility Program, CT DEP agreed to allow one staff person to work in Washington at US EPA headquarters on this effort. In the future when staffing resources permit, CT DEP hopes to implement its own wetland-monitoring program.

## Tidal and Coastal Wetlands Management Program

Table 6-2. Tidal wetlands and submerged aquatic vegetation.

| **Coastal Wetlands** | |
|---|---|
| **Tidal Wetlands** | |
| Present Day | 17,500 acres |
| Historic (1916) | 23,360 acres |
| Restored - 1970's-present | >1,850 acres |
| Restored - 1996 to present | 467 acres |
| **Submerged Aquatic Vegetation** | |
| Eelgrass Beds [1] | 629 acres |
| Eelgrass Beds [2] | 1,269 acres |
| Connecticut River Beds [3] | 1,220 acres |

1. Based upon a 1993-1994 boat/diver survey. Includes only the observed beds.
2. Based upon the 2002 aerial survey by the USFWS.
3. Based upon a GPS survey in 1994-1995 of the lower Connecticut River (Portland to Old Saybrook).

*Tidal and Coastal Wetlands - Definitions, Policies and Legal Protection*

In the broadest sense, coastal wetlands include tidal salt, brackish and freshwater marshes, intertidal flats, and shallow subtidal waters with or without submerged aquatic vegetation. Connecticut's Tidal Wetlands Act (TWA) of 1969 provided for State regulation of activities conducted in areas designated as "tidal wetlands", which are narrowly defined to include only wetlands that are flooded by the tides and support emergent wetland plants (CGS Section 22a-29(2)). Because of the specificity of the tidal wetland definition, not all coastal wetlands are covered under this Act. Other tidal and subtidal areas are regulated under the Coastal Management Act (CMA) of 1980 through the Structures, Dredging and Filling Permit program. Both Tidal Wetland and "Structures" permits are issued by DEP's Office of Long Island Sound Programs (OLISP).

Coastal management policies established by the TWA and CMA encourage preservation of specific types of coastal wetlands and restoration of those that are degraded. Management policies for sensitive wetland resources include:

- to manage **intertidal flats** so as to preserve their value as a nutrient source and reservoir, a healthy shellfish habitat and a valuable feeding area for invertebrates, fish and shorebirds; to encourage the restoration and enhancement of degraded intertidal flats; to allow coastal uses that minimize change in the natural current flows, depth, slope, sedimentation, and nutrient storage functions and to disallow uses that substantially accelerate erosion or lead to significant despoliation of tidal flats.

- to preserve **tidal wetlands** and to prevent the despoliation and destruction thereof in order to maintain their vital natural functions; to encourage the rehabilitation and restoration of degraded tidal wetlands and where feasible and environmentally acceptable, to encourage the creation of wetlands for the purposes of shellfish and finfish management, habitat creation and dredge spoil disposal.

- to manage **estuarine embayments** so as to insure that coastal uses proceed in a manner that assures sustained biological productivity, the maintenance of healthy marine populations and the maintenance of essential patterns of circulation, drainage and basin configuration.

- to protect, enhance and allow natural restoration of **eelgrass flats** except in special limited cases, notably shellfish management, where the benefits accrued through alteration of the flat may outweigh the long-term benefits to marine biota, waterfowl, and commercial and recreational fin-fisheries (CT DEP, OLISP 1999).

Coastal policies outlined in the CMA also provide uniform standards and criteria for public agencies that conduct or regulate activities in the coastal zone. The Act specifically defines adverse impacts to coastal resources that must be considered for all coastal development proposals. Examples of unacceptable adverse impacts include:

- Degrading or destroying essential wildlife, finfish or shellfish habitat through significant alteration of the composition, migration patterns, distribution, breeding or other population characteristics of the natural species or significant alteration of the natural components of the habitat.

- Degrading tidal wetlands, beaches and dunes, rocky shorefronts, and bluffs and escarpments through significant alteration of their natural characteristics or function.

These preservation oriented policies help to achieve the overall goal of no net loss of wetland function and acreage. All filling activities require a state Structures permit and a Section 404 permit from the U.S. Army Corps of Engineers. In these instances, OLISP concurrently prepares the 401 Water Quality Certificate and assures compliance with Connecticut's Water Quality Standards. These permit applications are distributed to the public and agency staff for review thus providing additional expert evaluations on aspects such as fish passage, impacts to fish and wildlife habitats, and consistency with the state's Endangered Species Act.

Additionally, a provision in Stormwater General Permits, issued by CT DEP, requires that runoff associated with a one-inch storm event be retained before discharge to tidal wetlands. This requirement addresses three aspects of tidal wetland protection. It eliminates or greatly reduces the effects of 1) first flush pollution, 2) sedimentation, and 3) dilution of soil salt concentrations in salt and brackish marshes. The latter can exacerbate the spread of the invasive grass *Phragmites australis*.

While activities in tidal wetlands are regulated exclusively by the CT DEP, Coastal towns exert jurisdiction seaward to mean high water, the boundary between private lands and the public trust. The CMA requires municipalities to conduct a local environmental assessment, a Coastal Site Plan Review, within 1000 feet of this boundary as part of the local planning and zoning permit process. Through this review, coastal towns evaluate the impacts of proposed upland development upon aquatic resources and assure that activities are consistent with applicable standards and criteria in the CMA. Municipalities may require modifications to upland activities in order to minimize such impacts. Additionally, over 60 percent of coastal towns have adopted official setbacks from coastal waters/tidal wetlands for the purpose of planning and zoning.

*Special Monitoring and Restoration Projects*

<u>Tidal Wetlands</u>. Connecticut's Tidal Wetlands Act (1969) regulates all activities in tidal wetlands, which are predominantly salt marshes, brackish marshes and tidal-fresh marshes. Wetlands that are degraded or formerly connected to tidal waters are also regulated as tidal wetlands. The Act includes strict anti-degradation language "to preserve the wetlands and to prevent the despoliation and destruction thereof." Prior to the passage of this act in 1969, annual wetland losses are estimated at 70 acres. Current permitted losses average 0.25 acres per year. DEP has a tidal wetland compensation policy for public agency projects with significant public benefits, providing the project avoids and minimizes wetland impacts to the fullest extent possible. The primary use of the compensation policy is to offset the minor wetland losses, measured in square feet, for repair and replacement of existing state roads that cross wetlands

The Connecticut Coastal Management Act (1980) established a policy to "encourage the rehabilitation and restoration of degraded tidal wetlands". This is the basis of DEP's 20+ year-old wetland restoration program. Over 1800 acres of degraded tidal wetland have been restored chiefly through restoration of tidal flow (Table 6-2). While this type of restoration does not significantly increase the area of wetland, it restores significant functions and values. In a few instances, restoration is accomplished through the removal of fill, thus increasing the area of tidal wetland.

To facilitate restoration efforts, CT DEP's OLISP administers the Coves & Embayment and Tidal Wetland Restoration program. The current fund for this program, called the Long Island Sound Cleanup Account, was established by the legislature in 1989 and had appropriated $5 million dollars. Wherever possible, the OLISP leverages these funds against public and private funds. For example, Connecticut may be the only State in the nation to use Intermodal Surface

Transportation Efficiency Act funds to support the restoration of degraded wetlands. The federal match for that program is 85%.

Since the late 1980's, the OLISP has been aware of localized wetland losses, especially in western Long Island Sound, that appeared to be the result of subsidence caused by an accelerated rate of sea level rise. Subsidence now appears more widespread that previously known. Within affected areas of certain sub-estuaries to the Sound, loss due to subsidence is estimated as high as 60% since 1974. The most extensive wetland losses are in the mid-estuary portion of the Quinnipiac River, affecting an area of approximately 200 acres. The New York Department of Environmental Conservation has recently confirmed similar loss rates for the north shore of Long Island.

The OLISP has applied for funds from the Long Island Sound Study for a long-term trend analysis to be conducted by the National Wetlands Inventory staff of the U.S. Fish & Wildlife Service. This analysis would help to quantify losses and changes in rates of loss since 1974, and identify patterns of subsidence within sub-estuaries. The CT DEP has provided Long Island Sound (LIS) Research Funds, from Long Island Sound license plate sales, to Connecticut College for the establishment of the first Sediment Erosion Table (SET) site at Barn Island in Stonington (http://www.pwrc.usgs.gov/resshow/cahoon/). This is one of the scientific procedures used to assess effects of sea level rise. It is the goal of OLISP to establish a Sound-wide network of SET stations that will be managed by a network of scientists from various academic institutions. DEP may use coastal management funding to support the establishment of the SET network.

Submerged Aquatic Vegetation. The dominant submerged aquatic vegetation in Long Island and Fishers Island Sounds is eelgrass. Historic data demonstrate that eelgrass occurred in shallow waters and coves throughout both Sounds. Maximum water depths at which eelgrass presently grows in Fishers Island Sound is 15-20 feet, but only 3-5 feet in western LIS. A grant from the LIS Research Fund was used to develop a map of eelgrass beds in 1993 and 1994 using boat/diver survey. That survey demonstrated that eelgrass is absent in western and central LIS, and the likely cause of this long-term decline is nitrogen enrichment from sewage treatment plants. Plankton blooms are creating shading impacts upon eelgrass. The westernmost bed in the Hammonasset River was also declining, perhaps due to nonpoint nitrogen sources. In 2001, the Long Island Sound Study provided funding for re-mapping to be undertaken in 2002 by the U.S. Fish and Wildlife Services' National Wetlands Inventory Program.

In 2002, there were 1269 acres of eelgrass in Long and especially Fishers Island Sound, compared to 629 acres in 1993/1994. The bed expansion took place in the open waters (well flushed) of the Sounds. One interpretation is that in 1993/94 beds eelgrass experienced one of the natural declines reported in the literature. It was also suggested that this was a recovery due to the nitrogen reduction efforts of NY and CT. However, that does not explain the continue retreat of eelgrass out of western and central Long Island Sound, and the absence of eelgrass on the north shore of Long Island except for two small patches near Orient Point. This might actually suggest that nitrogen enrichment in Long Island Sound has all but eliminated eelgrass from inner Long Island Sound and at the moment, Fishers Island Sound is the refuge for eelgrass. There was a decrease of eelgrass in estuarine embayments from 220 acres in 1993 to 122 acres in

2002. If one subtracts 48 acres of newly restored eelgrass at Mumford Cove in Groton (the result of relocating the sewage treatment plant discharge from this cove to the Thames River; a 15 year recovery timeframe) and 28 acres of eelgrass that were not mapped in 1993/1994, the embayments are witnessing a five-fold reduction in eelgrass. In the majority of these coves, the decline between the 1980's and 1993 was very significant but not quantified) and the decline between 1993 and 2002 is of a much smaller magnitude.

Invasive Species. DEP has been monitoring the rapid spread of common reed (*Phragmites australis*) into natural brackish and tidal fresh marshes. *Phragmites* is not invasive into healthy salt marsh but it is a symptom and dominant plant in drained and degraded salt marshes. On the lower Connecticut River for example, it appears that *Phragmites* colonization began in the late 1950's and currently it is spreading at a rate of 1-3% per year. DEP has long suspected that the invasive form of this grass is not of the native genetic material. Through the LIS Fund, OLISP funded a research project at Yale University to assess the status of this grass (http://www.invasiveplants.net/phragmites/phrag/natint.htm). That study confirmed that the invasive form is not native to the U.S. CT DEP has been experimenting with various control techniques on the lower Connecticut and Housatonic Rivers to identify the most efficacious approaches to preserving the biological diversity of these marshes. A series of restoration efforts are being conducted in the lower Connecticut River and several locations along the coast to control this invasive grass in brackish and fresh tidal marshes. These include applications of herbicide followed by mowing treatments and ditch plugging to restore hydrology and elevate the salt and sulfide content of the soil. Many of these sites are being monitored to evaluate these procedures to determine how to proceed in the future with *Phragmites* control. Some of the 2004 monitoring by Connecticut College scientists is being funded by the EPA LISS.

Since the 1999 discovery of the invasive aquatic plant water chestnut (*Trapa natans*), the CT DEP has coordinated efforts with local, state and federal government agencies, and non-profit organizations, to remove the plant from infested water bodies. Infestations of this plant can negatively impact water quality, recreation activities, and habitat quality for native plants and animals. Hand harvesting of water chestnut from 1999-2003 in Keeney Cove, a freshwater tidal cove of the Connecticut River, has proven largely successful since the plant has been nearly eradicated there, although two new patches located closer to the Connecticut River were discovered and removed in 2003. After two years (2000, 2001) of mechanical and hand harvesting to remove seven acres of water chestnut in the Hockanum River, the infestation declined to the point where only hand harvesting was needed in 2002 and 2003. Three new infestations in the state were discovered between 2002 and 2003, but the populations were all small enough to be hand-harvested. With a grant from the Silvio O. Conte National Fish & Wildlife Refuge, DEP hired a seasonal worker who conducted surveys of water bodies in the Connecticut River valley. He found a new population of chestnut in the lower Hockanum River, approximately 2 miles downstream of the 7-acre population, and located near to the confluence with the Connecticut River. Water chestnut has the potential to spread widely, as evidenced by an infestation in the Hudson River that, in the absence of any control work, has spread to cover over 1,400 acres of water. It is imperative that DEP and partners continue efforts to eradicate water chestnut as the potential for damage to the waters and wetlands of Connecticut, and to the Connecticut River in particular, is quite high.

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## Chapter 7. Ground Water Protection

Connecticut's ground water is the source of drinking water for approximately one million people, about one-third of the State's population. It is anticipated that future potable water demands related to growth will be satisfied predominantly by ground water. Drinking water is withdrawn through 600 community water systems (public supply to residents), more than 2,600 non-community wells (restaurants, hospitals, schools, *etc*.), and roughly 250,000 individual private home wells. Additionally, ground water is the baseflow for most rivers, streams and wetlands. Therefore, the quality of ground water is inextricably linked to the quality of surface water resources.

### The Resource

Connecticut has two major types of aquifers, stratified drift aquifers composed of unconsolidated sand and gravel of glacial origin, and bedrock aquifers that are differentiated into sedimentary, crystalline (non-carbonate), and carbonate-rock aquifers (see Figure 7-1). Stratified drift aquifers, which line the larger river valleys, are the most productive aquifers and the primary source of ground water for water utilities that serve populations of greater than 1,000 people. Bedrock aquifers underlie the entire State and are the source of supply for most non-community water supply systems and private, homeowner wells.

Connecticut's major aquifer systems are shallow, typically less than 300 feet deep, and the water table within 50 feet of the land surface, and therefore, are susceptible to contamination. Most wells tap the upper part of the saturated zone and produce water that has been in the aquifer only a few months to a few decades.

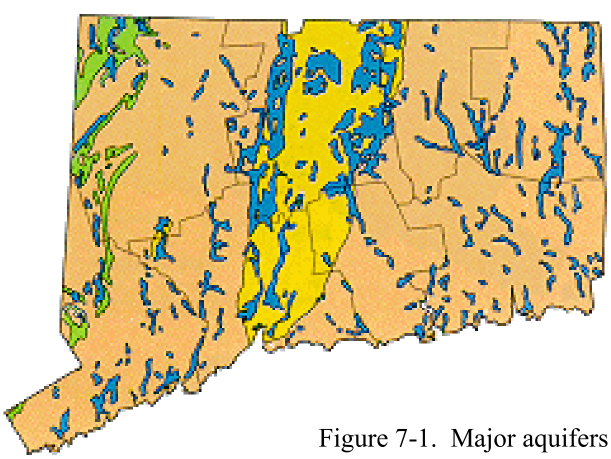


Figure 7-1. Major aquifers in Connecticut (from USGS, Melvin et al. 1986)

### Groundwater Quality Monitoring

Connecticut does not implement an ambient ground water monitoring program. Instead, the DEP relies upon monitoring performed for thousands of other sites for purposes including, but not limited to:

- Safe Drinking Act compliance monitoring at more than 3,200 community and non-community water supply systems by the Department of Public Health (See Chapter 8);
- Ground water quality monitoring performed at known or suspected sources of contamination by DEP, EPA and responsible parties;
- DEP monitoring of private drinking wells in the vicinity of known contamination sources (roughly 700 to 1,000 private wells per year);
- Ground water discharge compliance monitoring;
- Hydrogeologic investigations by USGS; and
- Monitoring of private homeowner wells as typically occurs upon sale of a property, by local health department investigations or simply monitoring performed by a concerned homeowner.

Due to the multiple data sources and many thousands of monitoring results each year, data management is a DEP priority.

**Groundwater Quality and Sources of Contamination**

The quality of Connecticut's ground water is generally very good. The CT DEP estimates that more than 90% of the State is underlain by ground water suitable for drinking without treatment. However, incidents of ground water contamination have occurred in every municipality due many thousands of sources including historic industrial activities, underground storage tanks, landfills, salt storage facilities and road application, application of pesticides and fertilizers and countless accidental spills of chemicals at industrial, commercial, institutional and residential properties. There are currently (September 2002, DEP) more than 5,500 potentially contaminated sites in Connecticut and 672 sites on the State's inventory of hazardous waste disposal sites. More than 3,000 underground storage tanks are known to have leaked. As a result, more than 2,200 contaminated public and private drinking water supply wells have been identified since the 1970's. Roughly 50 to 70 contaminated drinking water supply wells are identified annually.

The most commonly identified contaminants are petroleum-based compounds associated with gasoline (including MTBE), fuel oil and kerosene. Halogenated solvents, often used for cleaning purposes for industrial and commercial processes, are the second most common class of ground water contaminants.

The most common sources of groundwater contaminants have been chemical leaks and spills at industrial and commercial facilities, underground storage tanks, landfills (both existing and closed; shallow injection wells (primarily industrial, commercial and institutional floor drains and dry wells), abandoned hazardous waste sites, and pesticides applications. While costs incurred by property owners and businesses at hundreds of sites are not reported, expenditures of State and Federal funds to remediate contaminated sites are in the range of tens of millions of dollars per year.

## Groundwater Quality Management

The number of potential sources of contamination, most of which affect very localized areas of ground water, presents many challenges to achieving the State's goal of protecting and restoring ground water resources. As a result the Connecticut DEP developed ground water quality programs in four ways.

First, water quality goals and designated uses for all ground water resources are articulated in a manner similar to that done for surface water (Water Quality Standards and Classification System, CT DEP 1997). A complementary clean-up standards regulation was then developed consistent with the goals and designated uses described by Connecticut's Ground Water Quality Standards to guide remediation.

Second, a potable water program was developed to address the most critical human health risk caused by ground water contamination - the contamination of drinking water wells.

Third, the DEP developed a number of programs, in addition to Federal programs, that encourage or require the clean-up of contaminated sites. These include the State Superfund and remediation programs, which address sites that are high environmental priorities, and the property transfer and urban site remediation programs, which address sites of economic importance.

Fourth, the DEP implements preventive action programs including: The State Wellhead Protection Program; and State programs for Aquifer Protection Areas, Pollution Prevention, and contaminant source control, such as the Underground Storage Tank and Ground Water Discharge Permitting Programs. The DEP in cooperation with the Connecticut Department of Public Health also implements the federal Safe Drinking Water Act, Source Water Assessment Program.

The DEP addresses pollution prevention on a statewide basis with focused attention on public drinking water supplies, especially the most significant drinking water resources, stratified drift aquifers. Permitting requirements for discharges to ground water, such as those generated by landfills, protect ground water resources by prohibiting discharges in a setting that is or could be used for potable water supply; and by requiring best available technology, such as liners, to minimize ground water impacts in hydrologically suitable settings. The Aquifer Protection Area Program (APA) recognizes that the most effective way to prevent contamination of the state’s most prolific drinking water resources is to control land uses in areas that recharge important water supply stratified drift aquifers. The APA program applies to 130 large stratified drift public wells (serving 1000 or > people). It requires specific mapping of wellhead protection areas, an inventory of high-risk land uses, establishment of land use restrictions on new land use, and protection controls on existing land uses. The APA land use regulations were enacted in February 2004, and implementation is now taking place. Another recent statewide initiative was the enactment of legislation requiring the eventual phase-out of the use of the gasoline additive MTBE (see text box).

**MTBE Contamination in Connecticut's Ground Water**

MTBE, methyl tertiary-butyl ether, is a highly soluble chemical compound, which has been used as a gasoline additive since 1979. It was first added to gasoline as a replacement for tetraethyl lead to increase the octane rating. This action resulted in significant reductions in ambient air levels of lead. More recently, MTBE has been used as an oxygenate. Oxygenates are additives that increase the oxygen content of gasoline and promote more complete fuel combustion, which subsequently reduces carbon monoxide and ozone emissions. MTBE has been used widely in Connecticut since the mid-1980s, and was first discovered locally in ground water in 1987.

Amendments to the Clean Air Act in 1990 required minimum concentrations of oxygenate in fuels in areas that did not meet National Ambient Air Quality Standards. Two regions in Connecticut were designated as not meeting standards. In order to comply with federal standards, the concentration of MTBE was increased in gasoline, which inadvertently increased the risk of ground water contamination.

Leaks from underground storage tanks and surface spills of fuel containing MTBE have caused significant pollution of Connecticut's ground water. Since 1987, the CT DEP has identified **282 public and private drinking wells polluted with MTBE** concentrations above that which the CT DPH considers an unacceptable risk to public health (*i.e.*, the DPH action level). Many additional private wells and over 90 public water systems have been reported to have MTBE in concentrations less than the action level (CT DPH 2002b).

Releases from underground gasoline storage tanks have occurred in every municipality in the state and account for more than 90 percent of the drinking water wells that have been polluted with MTBE above the DPH action level. Other sources include drippings on the ground at gas stations, spills related to traffic accidents and leaking residential fuel oil tanks.

The CT DEP implements several programs that address water pollution by MTBE. The Underground Storage Tank (UST) program identifies and requires the closure or upgrade of tanks prone to failure. As of the year 2000, 8620 of 14253 (60.5 percent) of such tanks were documented to be in compliance with requirements. The Petroleum Clean Up Account funds the remediation of ground water and soil polluted by leaking underground motor fuel storage tanks. In 1999, 19 million dollars was reimbursed to tank owners for the remediation of motor fuel releases. For residents whose wells have been contaminated by MTBE, the Potable Water Program provides bottled water until the drinking water source has been remediated or the residence is connected to a public drinking water supply.

The CT DEP made recommendations concerning the use of MTBE to the Connecticut General Assembly (CT DEP 2000) to further prevent and remediate ground water pollution and protect air quality. These recommendations included: working to find a feasible alternative to MTBE; reducing the concentration of MTBE in gasoline; increasing staffing in the UST program and possibly incorporate additional spill and leak detection measures; requiring all gasoline retailers to provide information to the public concerning the proper handling of gasoline; and prohibiting large UST's for gasoline near public water supply wells in sand and gravel aquifers. As of January 1, 2004 MTBE is no longer used as an oxygenate in gasoline in Connecticut, and has been replaced by ethanol.

## Chapter 8. Public Health and Aquatic Life Concerns

### Public Drinking Water Supplies

The Connecticut Department of Public Health (CT DPH) implements and enforces the Federal Safe Drinking Water Act (SDWA) through State statutes and Public Health Code regulations. CT DPH has the responsibility to insure that water utilities perform adequate planning and protection for public drinking water supplies. The Drinking Water Division of CT DPH evaluates and reports on monitoring data from approximately 3200 Public Water Systems (PWS) throughout the State, including ground water and surface water supplies.

**Public Water Supply Definitions**

**Community Water System:** serves at least 25 year-round residents (*e.g.*, municipality, subdivision, mobile home park). There are approximately 600 community systems in Connecticut serving approximately 84 % of the population. These systems include surface water reservoirs.

**Non-Transient Non-Community Water System –** A non-community water (non-residential) system that serves at least 25 of the same persons over six months per year (*e.g.*, schools, factories, industrial parks, office buildings). There are approximately 600 such systems in Connecticut.

**Transient Non-Community Water Systems -** A non-community water system that serves 25 or more people at least 60 days a year (*e.g.*, highway rest stops, restaurants, motels, golf courses, parks). There are approximately 2000 such systems in Connecticut.

During calendar year 2002, CT DPH reported that 270 PWS were issued a total of 494 maximum contaminant levels (MCL) violations. Ninety-five percent of those violations were for coliform bacteria. The remaining violations were for nitrate (4), nitrite (2), arsenic (1), trichloroethylene (1), gross alpha (4) and radium 226 and 228 (10). More than 84 % (226 systems) returned to compliance at the end of the reporting period; seven additional systems were determined to no longer meet the definition of PWS. Seventy community and 1,255 non-community water systems were also issued monitoring and reporting violations.

For 2002, 232 systems in 109 towns reported organic chemicals present at concentrations below legally enforceable standards or for which no legally enforceable standard exist or for which no public health risk is defined. Only one system was issued an MCL violation (trichloroethylene, see above paragraph). Sixty-one public utilities treated their water to remove organic chemical contaminants to meet legal standards.

More detailed information regarding Connecticut PWS monitoring is published annually by the CT DPH in two major reports: the *Public Water Systems Violations Report* (CT DPH 2003a) submitted to US EPA and the *Monitoring, Health Risks, and Treatment Costs for Organic Chemicals in Public Drinking Water Supply* (CT DPH 2003b) submitted to the Governor and General Assembly. These reports and other information about drinking water are available from the CT DPH Drinking Water Division (http://www.dph.state.ct.us/BRS/Water/DWD.htm).

The CT DEP in cooperation with CT DPH also implements the federal Safe Drinking Water Act, Source Water Assessment Program. Source water assessments were completed for all public surface and ground water drinking sources in April 2003. This included over 3400 systems and over 4500 sources. Assessments included delineation of source water protection areas, inventory of significant potential pollution sources, determination of susceptibility to contamination, and public participation and availability (http://www.dph.state.ct.us/BRS/Water/SWAP/swap.htm). The assessments results are used in regulatory and non-regulatory state source water protection programs.

Connecticut's public (community) water systems include 179 waterbodies managed as drinking water reservoirs by 33 public and private utilities throughout the State. The drinking water watersheds that protect these reservoirs cover more than 735 of Connecticut's approximately 5009 square miles (Figure 8-1). Surface reservoirs serve approximately two thirds of the State's population.

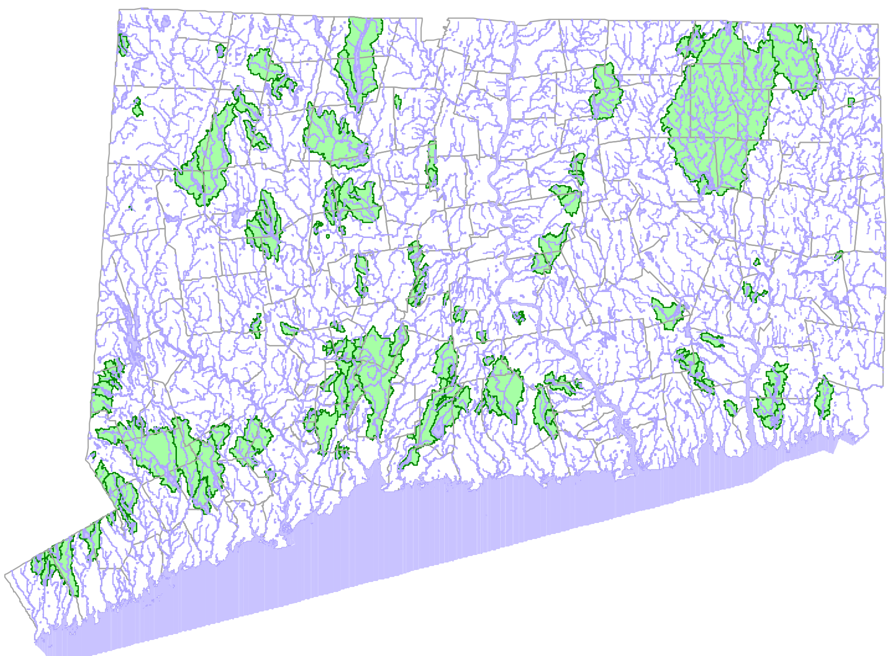

Figure 8-1. Drinking water watersheds in Connecticut.

The CT DEP periodically solicits information from Connecticut water supply utilities concerning reservoir activity and trophic status, and potential threats to drinking water reservoirs. The most recent survey responses from water utility officials identified eutrophication, turbidity, and siltation as the most common causes of contamination (aside from iron and manganese, which are not generally associated with anthropogenic sources). These were attributed mostly to nonpoint source inputs from roads, land development, septic systems and lawn care. Appendix F lists the activity and trophic status of Connecticut drinking water reservoirs.

**Fish Tissue Contamination**
Fish consumption advisories are issued annually by the Connecticut Department of Public Health (CT DPH) in cooperation with the DEP, and publicized by means of print and electronic news media. The most recent advisory can be viewed and downloaded from the CT DPH website at http://www.dph.state.ct.us/Publications/BCH/EEOH/fishweb02.pdf. The advisories are also incorporated into the Connecticut Anglers Guide (CT DEP 2002a), an annual abstract of fishing

regulations that is distributed with recreational fishing licenses. For 305(b) reporting, assessment of designated use support for fish consumption is based on the annual consumption advisories issued by the CT DPH.

In spring 1997 a statewide consumption advisory was issued due to mercury residue in fish tissue attributed to atmospheric deposition. Similarly, all Long Island Sound (estuarine) waters carry a consumption advisory for migratory bluefish and striped bass, as well as lobster tomalley, due to PCB contamination. As a result of these blanket advisories, all Connecticut waters technically only partially support fish consumption. Several waterbodies in Connecticut carry fish consumption advisories beyond the statewide advisories (Table 8-1).

Table 8-1. Fish Consumption Advisories for Connecticut Waters, 2003 (CT DPH 2003c).

| Advisory Type | Waterbody | Fish Species | High Risk Group[a] Advice | Low Risk Group Advice | Contaminant |
|---|---|---|---|---|---|
| **Statewide Freshwater Fish** | All fresh waterbodies (See specific advice below) | -Trout | No Limits on Consumption | No Limits on Consumption | - - |
| | | -All other fish | One meal per month | One meal per week | Mercury |
| **More Restrictive Advice For SpecificFreshwater Fish** | Dodge Pond, Lake McDonough, Silver Lake, Wyassup Lake | -Largemouth Bass, Smallmouth Bass, Pickerel | Do not eat | One meal per month | Mercury |
| | Housatonic River above Derby Dam (Includes Lakes Zoar, Lillinonah, and Housatonic) | -Trout, Catfish, Eels, Carp<br>-Bass, White Perch, Bullheads<br>-Other Species | Do not eat<br>Do not eat<br>One meal per month | Do not eat<br>One meal per 2 months<br>One meal per week | PCBs<br>Mercury |
| | Quinnipiac River above Quinnipiac Gorge<br>Q Gorge/Hanover Pond (Meriden) | -All Species | Do not eat<br>One meal per month | Do not eat<br>One meal per month | PCBs |
| | Eight Mile River(Southington) | -All Species | Do not eat | Do not eat | PCBs |
| | Connecticut River | -Carp-Catfish | Do not eat<br>Do not eat | One meal per 2 months<br>One meal per month | PCBs |
| | Blackberry River Downstream of "Blast Furnace" (North Canaan) | -Smallmouth Bass | One meal per month | One meal per month | PCBs |
| | Konkapot River (North Canaan) | -White Suckers | Do not eat | One meal per month | Mercury |
| | Versailles Pond, Paper Mill Pond and connecting section of the Little River (Sprague) | - All Species | Do not eat | One meal per month | PCBs<br>Mercury |
| | Brewster Pond (Stratford) | -Catfish & Bullheads | Do not eat | Do not eat | Chlordane |
| | Union Pond (Manchester) | -Carp, Catfish, Bass | Do not eat | Do not eat | Chlordane |
| **Specific Saltwater Fish** | Long Island Sound and connected rivers | -Striped Bass<br>-Bluefish over 25"<br>-Bluefish 13- 25 "<br>-Lobster tomalley | Do not eat<br>Do not eat<br>One meal per month<br>Do not eat | One meal per 2 months<br>One meal per 2 months<br>One meal per month<br>One meal per 2 months | PCBs<br>PCBs<br>PCBs<br>PCBs |

[a] High Risk Group includes pregnant women, women planning to become pregnant within one year, and children under six years old. Low risk group includes everyone not in the High Risk Group.

## Fish Kills

During 2002 and 2003, 75 fish kills were investigated by CT DEP (Table 8-2). The DEP Bureau of Natural Resources Fisheries Division investigates these events with assistance, when needed, from the Bureau of Water Management. Fish kills can result from a variety of causes including effects of pollution or naturally occurring phenomena. Determination of cause depends to a large degree on professional judgment and experience.

Table 8-2. Fish kills reported in Connecticut during 2002 and 2003.

| Waterbody | Town | Date | Species Affected | Suspected Cause |
|---|---|---|---|---|
| Private Pond | Wilton | 2/21/2002 | Unknown | Unknown |
| Private Pond | Cornwall | 3/27/2002 | Largemouth Bass | Chemicals (Pyrethrum) or Winterkill |
| Crystal Lake | Middletown | 4/18/2002 | Bluegill and Chain Pickerel | Unknown |
| Hop Brook | Manchester | 4/23/2002 | Longnose Dace, Blacknose Dace, White Sucker, Native Brook Trout, American Eel and Bluegill | Chemical Spill |
| Middle Bolton Lake | Coventry - Vernon - Bolton | 5/21/2002 | Pumpkinseed, Pickerel | Bacterial infection |
| Private Pond | Canterbury | 5/21/2002 | Bass, Pumpkinseeds | Unavailable |
| Lower Bolton Lake | Bolton | 5/29/2002 | Bluegill and Crappies | Spawning stress |
| Terramuggus Lake | Marlborough | 6/7/2002 | Black Crappie, Bluegill, Pumpkinseed | Bacterial infection |
| Mono Lake | Columbia | 6/12/2002 | Brown Bullhead | Bacterial infection |
| Crystal Lake | Ellington | 6/19/2002 | Sunfish | Unavailable |
| Connecticut River | Glastonbury | 7/1/2002 | Triploid Grass Carp | Unavailable |
| Mirror Lake | Storrs | 7/2/2002 | Sunfish | Summerkill |
| Salmon Brook Park Pond | Granby | 7/2/2002 | Sunfish and Catfish | Summerkill |
| Salmon River | Colchester | 7/5/2002 | Rainbow Trout | Drought / High temperatures |
| Shetucket River | Scotland | 7/5/2002 | Rainbow and Brown Trout | Drought / High temperatures |
| Private Pond | Norwich | 7/15/2002 | Triploid Grass Carp | Copper sulfate treatment |
| Private Pond | Cornwall | 7/16/2002 | Unknown | Severe drawdown |
| Private Pond | Thomaston | 7/22/2002 | Sunfish and Bass | Summerkill |
| Private Pond | Durham | 7/22/2002 | Sunfish and Bass | Summerkill |
| Southport Harbor | Fairfield | 7/23/2002 | Unknown | Chemical Spill |
| Squantz Pond | New Fairfield -Sherman | 8/5/2002 | Walleye | Unknown |
| West River | New Haven | 8/21/2002 | Crabs and unidentified fish species | Unavailable |
| Hammonasset River | Clinton | 8/26/2002 | Unknown | Saltwater intrusion related to low instream flow. |
| Wilton Pond | Plymouth | 8/26/2002 | Golden Shiner | Disease or low DO (Dissolved Oxygen) |
| Bloomfield Reservoir #3 | Bloomfield | 9/16/2002 | Crayfish | Unknown |
| Private Pond | Ashford | 9/20/2002 | Unknown | Severe drawdown |
| Naugatuck River | Seymour | 01/16/03 | Herring species | Unknown |

| Waterbody | Town | Date | Species Affected | Suspected Cause |
|---|---|---|---|---|
| Connecticut River | Enfield | 01/27/03 | Yellow Perch | Winterkill |
| Private Pond | E. Haven | 03/17/03 | Bluegills | Winterkill |
| Stony Brook | Darien | 03/24/03 | Sunfish, Bass | Oil spill |
| Private Pond | Naugatuck | 03/24/03 | Sunfish, Minnows | Winterkill |
| Foxwood Lake | Stamford | 03/24/03 | Bass, Bluegills, and Triploid Grass Carp | Winterkill |
| Private Pond | Darien | 03/24/03 | Sunfish | Oil spill |
| Private Pond | Easton | 03/25/03 | Sunfish, Bass | Winterkill |
| Churchill Park Pond | Newington | 03/27/03 | Unknown | Winterkill |
| Owen Bell Pond | Killingly | 03/28/03 | Bass and other species | Winterkill |
| Nettis Pond | Middletown | 03/28/03 | Bass, Bluegill and Triploid Grass Carp | Winterkill |
| Bishop Swamp | Andover | 03/31/03 | Bass, Pickerel, Bullheads and other species | Winterkill |
| Private Pond | Cornwall | 03/31/03 | Sunfish, Largemouth Bass | Winterkill |
| Ball Pond | New Fairfield | 03/31/03 | Stocked Brook, Brown and Rainbow Trout | Winterkill |
| Pine Lake | Bristol | 04/01/03 | Largemouth Bass, Sunfish | Winterkill |
| Private Pond | Cornwall | 04/01/03 | Largemouth Bass, Sunfish | Winterkill |
| Jensen's Lakeview Pond | Danbury | 04/02/03 | Bass, Pickerel and other unknown species | Winterkill |
| Mill River | Easton | 04/03/03 | Brook, Brown, Rainbow Trout, Suckers and Bluegills | Chemical spill |
| Private Pond | Stafford | 04/03/03 | Shiners, Bullhead, Sunfish | Winterkill |
| Private Pond | Lebanon | 04/04/03 | Sunfish | Winterkill |
| Private Pond | New Hartford | 04/04/03 | Triploid Grass Carp, Largemouth Bass | Winterkill |
| Private Pond | Bristol | 04/08/03 | Sunfish, Largemouth Bass | Winterkill |
| Knowlton Pond | Ashford | 04/10/03 | Sunfish, Largemouth Bass, Brown Bullhead | Winterkill |
| Private Pond | Colchester | 04/10/03 | Catfish, Brown Bullheads | Winterkill |
| Private Pond | Kent | 04/14/03 | Triploid Grass Carp | Winterkill |
| Private Pond | Preston | 04/14/03 | Smallmouth Bass | Winterkill |
| Private Pond | Colchester | 04/21/03 | Pickerel, Bluegill, Smallmouth Bass | Winterkill |
| Private Pond | Ridgefield | 04/21/03 | Triploid Grass Carp, Sunfish | Winterkill |
| Padanaram Brook | Danbury | 04/22/03 | Brown Trout and other unknown species | Spawning stress |
| Still River - Padanaram Brook | Danbury | 04/22/03 | Brown, Brook and Rainbow Trout, Blacknose Dace, Tessellated Darter, Common Shiners, White Suckers, Fallfish. | Chemical spill |
| Winwood Pond | West Hartford | 05/06/03 | Sunfish, Bass | Unknown |
| Lagoon / Rockwell Park | Bristol | 05/11/03 | Bluegill | Spawning stress |
| Lake Basile | Simsbury | 05/27/03 | Panfish, Sunfish, Crappies | Spawning stress |
| Lower Bolton Lake | Bolton | 06/06/03 | Largemouth Bass, Brown Bullhead, Yellow Perch, Sunfish, Black Crappie | Natural causes |

| Waterbody | Town | Date | Species Affected | Suspected Cause |
|---|---|---|---|---|
| Pine Brook | East Hampton | 06/08/03 | Black Crappie, Sunfish | Spawning stress |
| Dunning Lake | Farmington | 06/23/03 | Sunfish | Natural causes |
| Private Pond | Ellington | 06/26/03 | Sunfish | Spawning stress |
| Private Pond | Weston | 06/27/03 | Sunfish | Dissolved oxygen depletion |
| Private Pond | Middletown | 07/07/03 | Brown Bullhead | Dissolved oxygen depletion |
| Blackberry River | Canaan | 07/10/03 | Brown and Rainbow Trout, Burbot, Smallmouth Bass, White Sucker, Fallfish, Common Shiner and Blacknose Dace | Chemical spill |
| Private Pond | Greenwich | 07/24/03 | Carp, Sunfish, Bass | Hypoxia |
| Niantic River | Waterford and East Lyme | 07/28/03 | American Eel, Winter Flounder, Cunner or Blackfish, Pipefish, Blue Crab, Mantis Shrimp | Hypoxia |
| Quinebaug River | Rocky Hill | 08/13/03 | Carp, Sunfish, Catfish and White Suckers | Natural causes |
| Private Pond | Bolton | 08/21/03 | Rainbow Trout | Hypoxia |
| Pond/Dividend Brook | Rocky Hill | 08/26/03 | Unknown, numerous | Dissolved oxygen depletion |
| Private Pond | Ridgefield | 09/09/03 | Largemouth Bass | Hypoxia |
| Bladens Brook | Seymour | 09/22/03 | Brook and Rainbow Trout | Oil spill |
| Muddy River | North Haven | 11/14/03 | Unknown, numerous | Oil & Chemical spill |
| Deep Brook Tributary | Newtown | 12/08/03 | Brook and Brown Trout, Blacknose Dace | Oil Spill |

**Bathing Area Closures**

The Connecticut DEP and DPH cooperatively monitor and regulate designated bathing areas located on state owned lands (Figure 8-2). Municipal beaches are monitored by local or regional public health officials following State guidance (CT DPH and CT DEP 2003). Indicator bacteria levels along with sanitary surveys are used to determine the quality of bathing waters in Connecticut (see Chapter 4, Assessment Methodology of Surface Waters). Monitoring data combined with reports of spills, sewage treatment plant upsets and other pollution incidents are evaluated to determine when swimming area closures are warranted. Table 8-3 lists closures of state and municipal bathing areas that occurred in 2002 and 2003. This summary includes administrative beach closures resulting from exceedence of predetermined rainfall thresholds. Beach closure information is provided to CT DEP as a courtesy by local health departments. Questions regarding specific municipal beach closures should be directed to the respective local health authority.

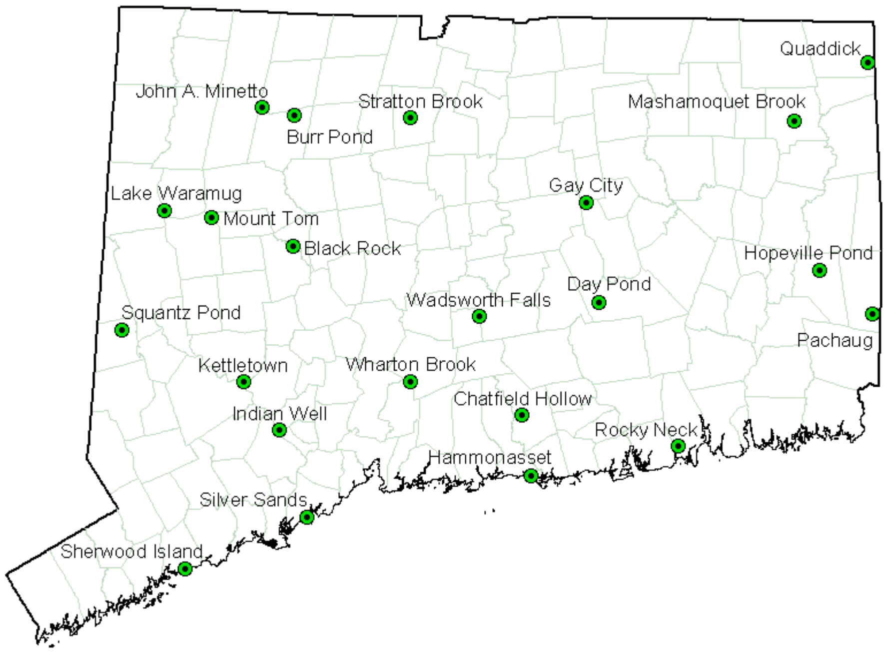


Figure 8-2. State Park beaches monitored by CT DEP and CT DPH.

Table 8-3. Public bathing beach closures reported in Connecticut for 2002 and 2003.

| Town | Beach Name | Waterbody | Date Closed | Date Reopened | Days Closed | Reason for Closure |
|---|---|---|---|---|---|---|
| Branford | Clark Avenue Beach | LIS -Branford Harbor | 7/29/2003 | 8/1/2003 | 3 | Elevated levels of bacteria |
| Bridgeport | Seaside Park (5 sites) | LIS - Bridgeport Harbor | 8/6/2003 | 8/8/2003 | 2 | Bypass overflow |
| Clinton | Esposito Beach | LIS - Clinton Harbor | 8/19/2003 | 8/20/2003 | 1 | Elevated bacteria - heavy rainfall |
| | Town Beach | LIS - Clinton Harbor | 8/19/2003 | 8/20/2003 | 1 | Elevated bacteria - heavy rainfall |
| Colchester | Day Pond State Park | Day Pond | 7/30/2002 | 8/1/2002 | 2 | Elevated levels of bacteria |
| | | | 5/28/2003 | 5/30/2003 | 2 | Elevated levels of bacteria |
| Darien | Pear Tree Point | LIS - Cove Harbor | 6/2/2003 | 6/5/2003 | 3 | Administrative Closure/ Heavy Rain |
| | | | 6/15/2003 | 6/16/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/23/2003 | 6/24/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 7/30/2003 | 8/1/2003 | 2 | Elevated levels of bacteria |
| | | | 8/4/2003 | 8/5/2003 | 1 | Elevated levels of bacteria |
| | Weed Beach | LIS - Cove Harbor | 6/2/2003 | 6/5/2003 | 3 | Administrative Closure/ Heavy Rain |
| | | | 6/15/2003 | 6/16/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/23/2003 | 6/24/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 7/30/2003 | 8/1/2003 | 2 | Elevated levels of bacteria |
| | | | 8/4/2003 | 8/5/2003 | 1 | Elevated levels of bacteria |
| East Lyme | Rocky Neck State Park | LIS - between Pattagansett & Fourmile Rivers | 6/29/2002 | 7/2/2002 | 3 | Elevated levels of bacteria |
| | | | 8/7/2003 | 8/9/2003 | 2 | Elevated levels of bacteria |
| Ellington | Ellington Public Beach | Crystal Lake | 8/6/2002 | 8/15/2002 | 9 | Elevated bacteria, probably due to waterfowl |
| Fairfield | Jennings Beach | LIS - Bridgeport Harbor | 6/7/2002 | 6/8/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/30/2002 | 8/31/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 9/3/2002 | 9/5/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 5/27/2003 | 5/28/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2003 | 6/2/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/4/2003 | 8/6/2003 | 2 | Administrative Closure/ Heavy rain & Bridgeport bypass overflow |
| | Lake Mohegan | Lake Mohegan, Mill River | 6/7/2002 | 6/8/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 7/24/2002 | 7/25/2002 | 1 | Administrative Closure/ Heavy Rain |

| Town | Beach Name | Waterbody | Date Closed | Date Reopened | Days Closed | Reason for Closure |
|---|---|---|---|---|---|---|
| Fairfield | Lake Mohegan | Lake Mohegan, Mill River | 8/3/2002 | 8/4/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/30/2002 | 8/31/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 9/3/2002 | 9/5/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 5/27/2003 | 5/28/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2003 | 6/2/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/4/2003 | 6/6/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/13/2003 | 6/14/2003 | 1 | Administrative Closure/ Heavy Rain |
| | Penfield Beach | LIS - Bridgeport Harbor | 6/7/2002 | 6/8/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/30/2002 | 8/31/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 9/3/2002 | 9/5/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 5/27/2003 | 5/28/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2003 | 6/2/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/4/2003 | 8/6/2003 | 2 | Administrative Closure/ Heavy rain & Bridgeport bypass overflow |
| | Sasco Beach | LIS - Southport Harbor | 6/7/2002 | 6/8/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/30/2002 | 8/31/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 9/3/2002 | 9/5/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 5/27/2003 | 5/28/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2003 | 6/2/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/4/2003 | 8/6/2003 | 2 | admin. closure/heavy rain & Bpt bypass overflow |
| | South Pine Creek Beach | LIS - Southport Harbor | 6/7/2002 | 6/8/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/30/2002 | 8/31/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 9/3/2002 | 9/5/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 5/27/2003 | 5/28/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2003 | 6/2/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/4/2003 | 8/6/2003 | 2 | Administrative Closure/ Heavy rain & Bridgeport bypass overflow |
| | Southport Beach | LIS - Sasco Brook Estuary | 6/7/2002 | 6/8/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/30/2002 | 8/31/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 9/3/2002 | 9/5/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 5/27/2003 | 5/28/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2003 | 6/2/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/4/2003 | 8/6/2003 | 2 | Administrative Closure/ Heavy rain & Bridgeport bypass overflow |
| Glastonbury | Eastbury Pond | Angus Park Pond | 7/22/2003 | 7/24/2003 | 2 | Elevated bacteria, probably due to waterfowl |
| | | | 7/29/2003 | 8/1/2003 | 3 | Elevated bacteria, probably due to waterfowl |
| | | | 8/6/2003 | 8/8/2003 | 2 | Elevated bacteria, probably due to waterfowl |
| | | | 8/12/2003 | 8/14/2003 | 2 | Elevated bacteria, probably due to waterfowl |
| | | | 8/19/2003 | 8/21/2003 | 2 | Elevated bacteria, probably due to waterfowl |
| | | | 8/26/2003 | 8/27/2003 | 1 | Elevated bacteria, probably due to waterfowl |
| Greenwich | Byram Beach | LIS - Byram Harbor | 6/7/2002 | 6/8/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/14/2002 | 6/16/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/27/2002 | 6/29/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 7/10/2002 | 7/11/2002 | 1 | Administrative Closure/ Heavy Rain |

| Town | Beach Name | Waterbody | Date Closed | Date Reopened | Days Closed | Reason for Closure |
|---|---|---|---|---|---|---|
| Greenwich | Byram Beach | LIS - Byram Harbor | 7/25/2002 | 7/26/2002 | 1 | Elevated levels of bacteria |
| | | | 8/3/2002 | 8/4/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/17/2002 | 8/18/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/29/2002 | 8/31/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 9/2/2002 | 9/3/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 5/26/2003 | 5/28/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2003 | 6/3/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/4/2003 | 6/9/2003 | 5 | Administrative closure: rainfall & sewage bypass |
| | | | 6/12/2003 | 6/15/2003 | 3 | Administrative Closure/ Heavy Rain |
| | | | 6/18/2003 | 6/20/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/22/2003 | 6/24/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 7/22/2003 | 7/24/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 8/1/2003 | 8/13/2003 | 12 | Elevated bacteria - heavy rainfall |
| | | | 8/18/2003 | 8/19/2003 | 1 | Administrative Closure/ Heavy Rain |
| | Greenwich Point | LIS - Stamford Harbor | 6/7/2002 | 6/8/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/29/2002 | 8/31/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 9/2/2002 | 9/3/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2003 | 6/3/2003 | 2 | Sewage overflow |
| | | | 6/5/2003 | 6/10/2003 | 5 | Sewage overflow |
| | | | 8/1/2003 | 8/2/2003 | 1 | Elevated levels of bacteria |
| | | | 8/4/2003 | 8/5/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/10/2003 | 8/11/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/18/2003 | 8/19/2003 | 1 | Administrative Closure/ Heavy Rain |
| Guilford | Jacobs Beach | LIS - Guilford Harbor | 5/29/2003 | 6/5/2003 | 7 | Elevated bacteria, storm water |
| Hebron | Gay City State Park | Gay City Pond | 5/29/2003 | 6/4/2003 | 6 | Elevated bacteria, probably due to waterfowl |
| | | | 6/25/2003 | 6/26/2003 | 1 | Elevated bacteria, probably due to waterfowl |
| | | | 7/23/2003 | 7/30/2003 | 7 | Elevated bacteria, probably due to waterfowl |
| | | | 8/13/2003 | 8/14/2003 | 1 | Elevated bacteria, probably due to waterfowl |
| | | | 8/27/2003 | 9/2/2003 | 6 | Elevated bacteria, probably due to waterfowl |
| Killingworth | Chatfield Hollow State Park | Schreeder Pond | 5/28/2003 | 5/30/2003 | 2 | Elevated levels of bacteria |
| | | | 8/19/2003 | 8/21/2003 | 2 | Elevated levels of bacteria |
| Middlebury | Hop Brook Lake Beach | Hop Brook Lake | 6/7/2002 | 6/13/2002 | 6 | Administrative Closure/ Heavy Rain |
| | | | 8/3/2002 | 8/4/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/30/2002 | 8/31/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 5/27/2003 | 6/6/2003 | 10 | Administrative Closure/ Heavy Rain |
| | | | 6/20/2003 | 7/10/2003 | 20 | Administrative Closure/ Heavy Rain |
| | | | 7/22/2003 | 8/16/2003 | 25 | Administrative Closure/ Heavy Rain |
| | | | 8/20/2003 | 8/23/2003 | 3 | Administrative Closure/ Heavy Rain |
| | | | 9/3/2003 | 9/4/2003 | 1 | Administrative Closure/ Heavy Rain |
| Middlefield | Wadsworth Falls State Park | Wadsworth Falls Park Pond | 6/18/2002 | 6/20/2002 | 2 | Elevated levels of bacteria |
| | | | 6/26/2002 | 6/28/2002 | 2 | Elevated levels of bacteria |
| | | | 7/30/2002 | 8/2/2002 | 3 | Elevated levels of bacteria |
| | | | 7/15/2003 | 7/29/2003 | 14 | Elevated levels of bacteria |
| | | | 8/12/2003 | 8/14/2003 | 2 | Elevated levels of bacteria |
| Middletown | Beach & Camping, City of Middletown | Crystal Lake | 8/13/2003 | 8/25/2003 | 12 | Elevated bacteria, probably due to waterfowl |
| | City of Middletown Beach (Main Beach) | Crystal Lake | 8/13/2003 | 8/25/2003 | 12 | Elevated bacteria, probably due to waterfowl |

| Town | Beach Name | Waterbody | Date Closed | Date Reopened | Days Closed | Reason for Closure |
|---|---|---|---|---|---|---|
| Middletown | City of Middletown Beach (Main Beach) | Crystal Lake | 7/31/2003 | 8/3/2003 | 3 | Elevated bacteria, probably due to waterfowl |
| | Falcon Park | Crystal Lake | 8/7/2002 | 8/25/2002 | 18 | Elevated bacteria, probably due to waterfowl |
| Milford | Silver Sands State Park | LIS - The Gulf | 8/5/2003 | 8/7/2003 | 2 | Elevated levels of bacteria |
| Monroe | Great Hollow Lake | Pequonnock River (Great Hollow Lake) | 7/20/2002 | 7/21/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/25/2003 | 9/3/2003 | 9 | Administrative Closure/ Heavy Rain |
| New Fairfield | Squantz Pond State Park | Squantz Pond | 7/17/2002 | 7/19/2002 | 2 | Elevated bacteria, probably due to waterfowl |
| New Milford | Lynn Deming Park Beach | Candlewood Lake | 8/4/2003 | 8/11/2003 | 7 | Elevated bacteria - heavy rainfall |
| Norwalk | Bell Island Beach | LIS - Norwalk - adjacent waters | 6/1/2003 | 6/3/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | Calf Pasture Beach | LIS - Norwalk Harbor - Offshore | 6/1/2003 | 6/3/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | Hickory Bluff Beach | LIS - Norwalk - adjacent waters | 6/1/2003 | 6/3/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 7/8/2003 | 7/9/2003 | 1 | Elevated levels of bacteria |
| | Marvin Beach | LIS - Norwalk Harbor | 6/1/2003 | 6/3/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | Rowayton Beach | LIS - Norwalk - adjacent waters | 6/1/2003 | 6/3/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | Shady Beach | LIS - Norwalk Harbor - offshore | 6/1/2003 | 6/3/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| Norwich | Spaulding Pond Beach | Spaulding Pond | 6/14/2003 | 6/21/2003 | 7 | Elevated bacteria, probably due to waterfowl |
| | | | 6/24/2003 | 6/26/2003 | 2 | Elevated bacteria, probably due to waterfowl |
| | | | 8/8/2003 | 8/10/2003 | 2 | Elevated bacteria, probably due to waterfowl |
| | | | 8/14/2003 | 8/20/2003 | 6 | Elevated bacteria, probably due to waterfowl |
| Pomfret | Mashamoquet Brook State Park | Braytons Pond | 7/10/2002 | 7/13/2002 | 3 | Elevated levels of bacteria |
| | | | 8/6/2003 | 8/7/2003 | 1 | Elevated levels of bacteria |
| Shelton | Indian Well State Park | Lake Housatonic | 5/28/2003 | 6/3/2003 | 6 | Elevated levels of bacteria |
| | | | 8/5/2003 | 8/7/2003 | 2 | Elevated levels of bacteria |
| | | | 8/12/2003 | 8/14/2003 | 2 | Elevated levels of bacteria |
| | | | 8/19/2003 | 8/21/2003 | 2 | Elevated levels of bacteria |
| Simsbury | Stratton Brook State Park | Stratton Brook Pond | 5/30/2002 | 5/31/2002 | 1 | Elevated levels of bacteria |
| Southbury | Kettletown State Park | Lake Zoar | 5/28/2003 | 5/30/2003 | 2 | Elevated levels of bacteria |
| | | | 6/3/2003 | 6/10/2003 | 7 | Elevated levels of bacteria |
| | | | 8/5/2003 | 8/7/2003 | 2 | Elevated levels of bacteria |
| Stamford | Cummings Park Beach | LIS - Westcott Cove | 5/26/2003 | 5/27/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2003 | 6/2/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/4/2003 | 6/5/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/8/2003 | 6/9/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/13/2003 | 6/14/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/22/2003 | 6/23/2003 | 1 | Administrative Closure/ Heavy Rain |

| Town | Beach Name | Waterbody | Date Closed | Date Reopened | Days Closed | Reason for Closure |
|---|---|---|---|---|---|---|
| Stamford | Cummings Park Beach | LIS - Westcott Cove | 8/4/2003 | 8/5/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/10/2003 | 8/11/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 9/1/2003 | 9/2/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 7/3/2003 | 7/4/2003 | 1 | Septic pumpout truck noted in area |
| | | | 7/10/2003 | 7/11/2003 | 1 | Septic pumpout truck noted in area |
| | | | 7/22/2003 | 7/23/2003 | 1 | Septic pumpout truck noted in area |
| | West Beach | LIS - Westcott Cove | 6/1/2003 | 6/2/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/4/2003 | 6/5/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/8/2003 | 6/9/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/13/2003 | 6/14/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/22/2003 | 6/23/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/4/2003 | 8/5/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/10/2003 | 8/11/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 9/1/2003 | 9/2/2003 | 1 | Administrative Closure/ Heavy Rain |
| | East (Cove Island) Beach | LIS - Holly Pond/Cove Harbor | 5/26/2003 | 5/27/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2003 | 6/2/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/4/2003 | 6/5/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/8/2003 | 6/9/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/13/2003 | 6/14/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/22/2003 | 6/23/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/4/2003 | 8/6/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 8/10/2003 | 8/11/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 9/1/2003 | 9/2/2003 | 1 | Administrative Closure/ Heavy Rain |
| Stratford | Long Beach | LIS - Bridgeport Harbor | 6/13/2002 | 6/15/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 8/3/2002 | 8/4/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 9/3/2002 | 9/5/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 5/26/2003 | 5/28/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2003 | 6/4/2003 | 3 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/13/2003 | 6/14/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/8/2003 | 8/9/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/10/2003 | 8/11/2003 | 1 | Administrative Closure/ Heavy Rain |
| | Short Beach | LIS - Housatonic River Estuary | 6/13/2002 | 6/15/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 8/3/2002 | 8/4/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 9/3/2002 | 9/5/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 5/26/2003 | 5/28/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2003 | 6/4/2003 | 3 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/13/2003 | 6/14/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/5/2003 | 8/6/2003 | 1 | Elevated levels of bacteria |
| | | | 8/8/2003 | 8/9/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/10/2003 | 8/11/2003 | 1 | Administrative Closure/ Heavy Rain |
| Thomaston | Northfield Brook Lake | Northfield Brook Lake | 5/18/2002 | 5/23/2002 | 5 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2002 | 6/4/2002 | 3 | Administrative Closure/ Heavy Rain |
| | | | 6/7/2002 | 6/12/2002 | 5 | Administrative Closure/ Heavy Rain |
| | | | 6/15/2002 | 6/16/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 7/24/2002 | 7/25/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/3/2002 | 8/4/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/29/2002 | 8/31/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 9/3/2002 | 9/5/2002 | 2 | Administrative Closure/ Heavy Rain |
| | | | 5/27/2003 | 5/30/2003 | 3 | Administrative Closure/ Heavy Rain |
| | | | 6/1/2003 | 6/4/2003 | 3 | Administrative Closure/ Heavy Rain |

| Town | Beach Name | Waterbody | Date Closed | Date Reopened | Days Closed | Reason for Closure |
|---|---|---|---|---|---|---|
| Thomaston | Northfield Brook Lake | Northfield Brook Lake | 6/13/2003 | 6/15/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 6/22/2003 | 6/24/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 7/10/2003 | 7/11/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 7/22/2003 | 7/26/2003 | 4 | Administrative Closure/ Heavy Rain |
| | | | 8/4/2003 | 8/9/2003 | 5 | Administrative Closure/ Heavy Rain |
| | | | 8/10/2003 | 8/16/2003 | 6 | Administrative Closure/ Heavy Rain |
| | | | 8/18/2003 | 8/19/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/20/2003 | 8/22/2003 | 2 | Administrative Closure/ Heavy Rain |
| | | | 9/2/2003 | 9/3/2003 | 1 | Administrative Closure/ Heavy Rain |
| Thompson | Quaddick State Park | Quaddick Reservoir | 8/14/2002 | 8/16/2002 | 2 | Elevated levels of bacteria |
| Tolland | Crandall's Beach | Crandall's Pond | 8/26/2003 | 8/29/2003 | 3 | Elevated levels of bacteria |
| Trumbull | Twin Brooks Beach | Twin Brooks Lake | 5/30/2002 | 9/2/2002 | 95 | Elevated bacteria, probably due to waterfowl |
| | | | 5/30/2003 | 9/1/2003 | 94 | Elevated bacteria, probably due to waterfowl |
| Vernon | Valley Falls Park | Valley Falls Pond | 6/25/2003 | 6/30/2003 | 5 | Elevated bacteria, probably due to waterfowl |
| Wallingford | Wharton Brook State Park | Allen Brook Pond | 6/19/2002 | 6/20/2002 | 1 | Elevated levels of bacteria |
| | | | 5/28/2003 | 6/5/2003 | 8 | Elevated levels of bacteria |
| | | | 6/10/2003 | 6/12/2003 | 2 | Elevated levels of bacteria |
| | | | 6/24/2003 | 6/24/2003 | 0 | Elevated levels of bacteria |
| | | | 8/5/2003 | 8/14/2003 | 9 | Elevated levels of bacteria |
| | | | 8/19/2003 | 8/21/2003 | 2 | Elevated levels of bacteria |
| Washington | Washington Town Beach | Lake Waramaug | 7/23/2003 | 7/25/2003 | 2 | failing septic system discharge to storm drain |
| Waterford | Kiddie Beach | LIS - Niantic Bay | 8/2/2002 | 8/6/2002 | 4 | Elevated levels of bacteria |
| Westport | Burying Hill Beach | LIS - Sherwood Mill Pd/Compo Cove | 6/7/2002 | 6/7/2002 | 0 | Administrative Closure/ Heavy Rain |
| | | | 8/30/2002 | 8/31/2002 | 1 | Administrative Closure/ Heavy Rain |
| | | | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/5/2003 | 8/7/2003 | 2 | Administrative Closure/ Heavy Rain |
| | Compo Beach | LIS - Sherwood Mill Pond/Compo Cove | 6/5/2003 | 6/6/2003 | 1 | Administrative Closure/ Heavy Rain |
| | | | 8/5/2003 | 8/7/2003 | 2 | Administrative Closure/ Heavy Rain |
| Westport | Sherwood Island Beach | LIS - Sherwood Mill Pd/Compo Cove | 8/5/2003 | 8/7/2003 | 2 | Elevated bacteria, probably due to waterfowl |
| Willimantic | Lauter Park | Natchaug River | 6/12/2002 | 6/21/2002 | 9 | Elevated bacteria, rain events and dam release |
| Wolcott | Mattatuck Beach | Hitchcock Lake | 8/12/2003 | 8/16/2003 | 4 | Elevated levels of bacteria |
| | | | 6/21/2002 | 7/1/2002 | 10 | Elevated levels of bacteria |

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| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT1000-00_01 | PAWCATUCK RIVER | 5.3 | From head of tide, Rte 1 crossing in Pawcatuck-Westerly, US to RI border. | River |
| CT1001-00_01 | Wyassup Brook | 5.3 | From mouth at Green Fall River, US to Wyassup Lake, North Stonington. | River |
| CT1002-00_01 | Green Fall River_01 | 1.5 | From RI border (very close to mouth) US to confluence with Wyassup Brook, North Stonington. | River |
| CT1002-00_02 | Green Fall River_02 | 5.1 | From confluence with Wyassup Brook, North Stonington US to Green Fall Reservoir. | River |
| CT1002-00_03 | Green Fall River_03 | 1.9 | From Green Fall Reservoir to headwaters, Voluntown. | River |
| CT1004-00_01 | Shunock River_01 | 4.3 | Mouth at Pawcatuck River US to small impoundment in North Stonington Center. | River |
| CT1004-00_02 | Shunock River_02 | 4.0 | Small impoundment in North Stonington Center US to headwaters. | River |
| CT1100-00_01 | Wood River | 5.0 | From Hazard Pond @ RI border US to Porter Pond, Sterling. | River |
| CT2000-30_01 | Fenger Brook | 3.0 | From head of tide @ Alewife Cove US to headwaters. | River |
| CT2102-00_01 | Copps Brook_01 | 0.8 | From mouth at Quiambog Cove US to outlet of Palmer Reservoir | River |
| CT2102-00_02 | Copps Brook_02 | 4.2 | From inlet to Palmer Reservoir US to headwaters. | River |
| CT2103-00_01 | Seth Williams Brook_01 | 0.4 | From mouth at Whitford Brook US to Shewville Road. | River |
| CT2103-00_02 | Seth Williams Brook_02 | 0.6 | From Shewville Road US to Highlands POTW. | River |
| CT2103-00_03 | Seth Williams Brook_03 | 1.0 | From Highlands POTW US to headwaters. | River |
| CT2104-00_01 | Whitford Brook_01 | 1.6 | From mouth at head of Mystic River estuary US end of Gallup Hill Road, Ledyard. | River |
| CT2104-00_02 | Whitford Brook_02 | 0.7 | From end of Gallup Hill Road, Ledyard, US to "Lantern Hill" wellfield, Ledyard. | River |
| CT2104-00_03 | Whitford Brook_03 | 0.7 | From "Lantern Hill" wellfield, Ledyard US to Whitford Pond.. | River |
| CT2104-00_04 | Whitford Brook_04 | 1.3 | From Whitford Pond US to Long Pond, Ledyard. | River |
| CT2202-00_01 | Latimer Brook_01 | 4.2 | From mouth at head of tide, Niantic River, US to confluence with Cranberry Meadow Brook | River |
| CT2202-00_02 | Latimer Brook_02 | 3.4 | From confluence with Cranberry Meadow Brook US to Beckwith Pond (boundary of drinking water watershed). | River |
| CT2202-00_03 | Latimer Brook_03 | 1.3 | From Beckwith Pond US to headwaters @ Barnes Reservoir. | River |
| CT2205-00_01 | Patagansett River_01 | 1.2 | From head of tide @ Rte 156 crossing US to Gorton Pond. | River |
| CT2205-00_02 | Patagansett River_02 | 1.9 | From inlet to Gorton Pond US to Pattagansett Lake. | River |
| CT2205-00_03 | Patagansett River_03 | 1.0 | From inlet to Pattagansett Lake US to Powers Lake. | River |
| CT2206-00_01 | Bride Brook_01 | 0.7 | From mouth at head of estuary, just DS of Rte 156 US to Bride Lake. | River |
| CT2206-00_02 | Bride Brook_02 | 2.0 | From inlet to Bride Lake US to headwaters. | River |
| CT3000-08_01 | Flat Brook, Ledyard_01 | 1.1 | From mouth at Thames River in Gales Ferry - Ledyard us to headwaters. | River |
| CT3001-00_01 | Trading Cove Brook | 7.2 | From head of tide @ Trading Cove US to headwaters. | River |
| CT3003-00_01 | Poquetanuck Brook/Hewitt Brook | 1.6 | From mouth of Poquetanuck Brook US to Hewitt Brook, then up Hewitt Brook to Hallville Pond. (Segment actually contains a portion of Hewitt and Poquetanuck Brooks). | River |
| CT3004-00_01 | Oxoboxo Brook_01 | 2.6 | From mouth at head of tide, Horton Cove, US to Wheeler Pond. (includes Rockland Pond) | River |
| CT3004-00_02 | Oxoboxo Brook_02 | 2.9 | From Wheeler Pond US to Oxoboxo Lake. | River |
| CT3100-00_01 | WILLIMANTIC RIVER_01 | 2.7 | From mouth US to confuence with the Tenmile River. | River |
| CT3100-00_02 | WILLIMANTIC RIVER _02 | 6.4 | From confluence with Tenmile River US to Eagleville Pond. | River |
| CT3100-00_03 | WILLIMANTIC RIVER _03 | 9.5 | Inlet to Eagleville Pond, Brigham Road, Mansfield, US to Rte 84 crossing, Willington/Tolland. | River |
| CT3100-00_04 | WILLIMANTIC RIVER _04 | 3.1 | Rte 84 crossing, Willington, US to Bonemill Brook | River |
| CT3100-00_05 | WILLIMANTIC RIVER _05 | 1.6 | Bonemill Brook US to Stafford POTW. | River |
| CT3100-00_06 | WILLIMANTIC RIVER _06 | 0.5 | Stafford POTW US to confluence of Middle River and Furnace Brook. | River |
| CT3100-19_01 | Eagleville Brook_01 | 0.7 | From mouth at Eagleville Pond US to confluence with Kings (Roberts) Brook, Mansfield. | River |
| CT3100-19_02 | Eagleville Brook_02 | 1.7 | From confluence with Kings (Roberts) Brook, Mansfield US to headwaters near UConn campus. | River |
| CT3102-00_01 | MIDDLE RIVER_01 | 0.2 | From mouth at confluence with Furnace Brook to 800 ft US of Rte 32, Stafford Springs center. | River |
| CT3102-00_02 | MIDDLE RIVER_02 | 3.7 | From 800 ft US of Rte 32 to Orcutts Pond. | River |
| CT3102-00_03 | MIDDLE RIVER_03 | 2.5 | From Orcutts Pond US to State Line Pond. Trout stocked. | River |
| CT3102-03_01 | Still Brook | 0.3 | from mouth at State Line Pond US to first major confluence. | River |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT3103-00_01 | Furnace Brook_01 | 0.2 | From mouth at confluence with Middle River US to beginning of concrete channel (~1000 ft.) | River |
| CT3103-00_02 | Furnace Brook_02 | 4.6 | From beginning of concrete channel (~1000 ft US of mouth) US to Staffordville Reservoir. | River |
| CT3104-00_01 | Roaring Brook_01 | 7.3 | From mouth at Willimantic River US to Reservoir No2 (Willington, Stafford). | River |
| CT3104-00_02 | Roaring Brook_02 | 3.0 | From Reservoir No2 us to headwaters. | River |
| CT3104-00-2-L8 outlet_01 | Ruby Lake outlet stream_01 | 0.1 | From mouth at Roaring Brook Wilington, US to wetland adjacent to truck stop, SW of Exit 71 off Rte 84. | River |
| CT3104-00-2-L8 outlet_02 | Ruby Lake outlet stream_02 | 0.2 | From wetland adjacent to truck stop, SW of Exit 71 off Rte 84, Willington US to Ruby Lake. | River |
| CT3104-01_01 | Stckney Hill Brook | 2.4 | From mouth at Roaring Brook US to headwaters at small unnamed pond, Union. | River |
| CT3106-00_01 | SKUNKAMAUG RIVER_01 | 15.6 | Mouth at Hop River, Andover, us to headwaters, Tolland | River |
| CT3108-00_01 | HOP RIVER_01 | 14.5 | From mouth at Willimantic River near Rte 6, Willimantic, US to headwaters. | River |
| CT3110-00_01 | Tenmile River - Willimantic_01 | 7.6 | From mouth at Willimantic River near Rte 66, Willimantic, US to Stiles Pond. | River |
| CT3200-00_01 | NATCHAUG RIVER_01 | 3.3 | From mouth at confluence with Willimantic River US to Willimantic Reservoir (Natchaug River Dam). | River |
| CT3200-00_02 | NATCHAUG RIVER_02 | 11.7 | From inlet to Mansfield Hollow Reservoir at Basset Bridge Rd US to headwaters (confluence of Bigalow and Still Rivers). | River |
| CT3201-00_01 | Bungee Brook_01 | 5.5 | From mouth @ Still River US to Lake Bungee | River |
| CT3201-00_02 | Bungee Brook_02 | 1.9 | From Lake Bungee US to headwaters (excluding Chamberlain Pond) | River |
| CT3202-00_01 | STILL RIVER_01 | 2.5 | Mouth at Natchaug River US to confluence with Bungee Brook | River |
| CT3202-00_02 | STILL RIVER_02 | 3.9 | From confluence with Bungee Brook US to Dickenson Pond | River |
| CT3203-00_01 | BIGELOW BROOK_01 | 5.2 | From mouth at Still River, Eastford, US to Westford Rd crossing (US of confluence with Branch Brook). | River |
| CT3203-00_02 | BIGELOW BROOK_02 | 4.6 | From Westford Road crossing US to Myers Pond. | River |
| CT3203-00_03 | BIGELOW BROOK_03 | 1.7 | From Myers Pond US to headwaters, Mashpaug Pond. | River |
| CT3206-00_01 | MOUNT HOPE RIVER_01 | 5.3 | From mouth at Mansfield Hollow Reservoir, Atwoodville Rd, US to first Rte 89 crossing, near southern Ashford border. | River |
| CT3206-00_02 | MOUNT HOPE RIVER_02 | 9.6 | From first Rte 89 crossing US to headwaters, Morey Pond @ Union/Ashford border.. | River |
| CT3207-00_01 | FENTON RIVER_01 | 5.8 | From mouth near Mansfield Hollow Reservoir, 0.5 miles DS of trib from Hansens Pond, US to Rte 44 | River |
| CT3207-00_02 | FENTON RIVER_02 | 10.3 | From Rte 44 crossing US to headwaters. | River |
| CT3208-00_02 | Sawmill Brook (Mansfield) | 4.2 | From Conantville Road crossing US to headwaters, Mansfield. | River |
| CT3300-00_01 | FRENCH RIVER_01 | 4.6 | From mouth at Quinebaug River US to North Grosvenordale Pond, Thompson. | River |
| CT3300-00_02 | FRENCH RIVER | 1.1 | From inlet to North Grosvenordale Pond US to MA state line. Segment includes Langers Pond. | River |
| CT3400-00_01 | FIVEMILE RIVER_01 | 1.0 | From mouth @ confluence with Quinebaug, near Rte 6 in Danielson, US to upper end of Fivemile Pond. | River |
| CT3400-00_02 | FIVEMILE RIVER_02 | 4.2 | From mouth at upper end of Fivemile Pond US to confluence with Attawaugan Brook @ Rte. 395. | River |
| CT3400-00_03 | FIVEMILE RIVER_03 | 9.7 | From confluence with Attawaugan Brook @ Rte. 395 US to Quaddick Reservoir. | River |
| CT3400-00_04 | FIVEMILE RIVER_04 | 4.5 | From Quaddick Reservoir US to Little (Schoolhouse) Pond, Thompson. | River |
| CT3401-00_02 | Rocky Brook_02 | 0.2 | From East Thompson Rd Crossing US to MA border, Thompson. | River |
| CT3404-00_01 | Whetstone Brook_01 | 4.3 | From the confluence with Fivemile River US to Bog Meadow Reservoir. | River |
| CT3500-00_01 | MOOSUP RIVER_01 | 1.5 | From mouth @ Quinebaug River, Plainfield, US and including Plainfield North POTW outfall, Central Village. | River |
| CT3500-00_02 | MOOSUP RIVER_02 | 4.1 | From POTW outfall, Central Village, US to dam at first impoundment in Almyville. | River |
| CT3500-00_03 | MOOSUP RIVER_03 | 6.4 | From first impoundment in Almyville US to RI border. | River |
| CT3501-00_01 | Quanduck Brook_01 | 3.9 | From mouth @ Moosup River US to state line. | River |
| CT3503-00_01 | Ekonk Brook | 4.5 | From mouth at Moosup River US to headwaters at Lockes Meadow Pond, Plainfield. | River |
| CT3600-00_01 | PACHAUG RIVER_01 | 0.7 | From mouth @ Quinebaug River, Griswold, US to Ashland Pond. | River |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT3600-00_02 | PACHAUG RIVER_02 | 0.7 | Ashland Pond US to Hopeville Pond. | River |
| CT3600-00_03 | PACHAUG RIVER_03 | 1.9 | Upper end of Hopeville Pond @ Bitgood Road US to Patchaug Pond. | River |
| CT3600-00_04 | PACHAUG RIVER_04 | 1.2 | Doanville Pond US to Beachdale Pond. | River |
| CT3600-00_05 | PACHAUG RIVER_05 | 2.6 | Beachdale Pond US to Beach Pond. | River |
| CT3600-05_01 | Crooked Brook | 1.9 | From mouth at Patchaug River US to Welsh Pond, Griswold. | River |
| CT3601-00_01 | Great Meadow Brook | 1.1 | From mouth at Patchaug River, Voluntown, US to Mason-Gray Pond. | River |
| CT3604-00_01 | Myron Kinney Brook_01 | 4.2 | From mouth at Doaneville Pond, @ Voluntown/Griswold border, US to headwaters. | River |
| CT3700-00_01 | QUINEBAUG RIVER_01 | 7.6 | From mouth @ Shetucket River, Lisbon/Norwich border, US to outlet of Aspinook Pond, Lisbon/Griswold border. | River |
| CT3700-00_02 | QUINEBAUG RIVER_02 | 3.0 | From inlet to Aspinook Pond US to confuence with Mill Brook. | River |
| CT3700-00_03 | QUINEBAUG RIVER_03 | 6.4 | From confluence with Mill Brook, near Yawarsky Landfill, US to confluence with Moosup River | River |
| CT3700-00_04 | QUINEBAUG RIVER_04 | 17.5 | From confluence with Moosup River US to Putnum POTW. | River |
| CT3700-00_05 | QUINEBAUG RIVER_05 | 3.3 | From just US of Putnum POTW US to confluence with French River. | River |
| CT3700-00_06 | QUINEBAUG RIVER_06 | 0.3 | From confluence with French River US to West Thompson Reservoir. | River |
| CT3700-00_07 | QUINEBAUG RIVER_07 | 6.3 | From inlet to West Thompson Reservoir US to MA border. | River |
| CT3708-00_01 | LITTLE RIVER (PUTNAM)_01 | 2.5 | From mouth, at Quinebaug River, Putnum, US to drinking watershed boundary, just DS of Sheperds Pond in the southeast corner of Woodstock. | River |
| CT3708-00_02 | LITTLE RIVER (PUTNAM)_02 | 1.7 | From drinking watershed boundary, just DS of Sheperds Pond in the southeast corner of Woodstock, US to Roseland Lake. Includes confluence with Peake Brook. | River |
| CT3708-01_01 | Muddy Brook - Woodstock_01 | 5.2 | From mouth @ Roseland Lake, Woodstock, US to Rte 197 crossing. | River |
| CT3708-01_02 | Muddy Brook_02 | 2.0 | From Rte 197 crossing US to Moss Brook trib just DS of Rte 169. | River |
| CT3708-01_03 | Muddy Brook_03 | 1.8 | From unnamed trib just DS of Rte 169, US to Muddy Pond. | River |
| CT3708-10_01 | North Running Brook_01 | 0.3 | From mouth at Muddy Brook US to input from ditch in farm field (50 m US of farm road crossing). | River |
| CT3708-10_02 | North Running Brook_02 | 2.7 | From ditch in farm field (50 m US of farm road crossing) US to headwaters | River |
| CT3709-00_01 | Wappaquoia Brook | 3.2 | From mouth at Mashamoquet US to Brayman Hollow Road (at pond). | River |
| CT3710-00_01 | MASHAMOQUET BROOK_01 | 3.0 | From mouth @ the Quinebaug River, Pomfret, US to confluence with Wolf Den Brook. | River |
| CT3710-00_02 | MASHAMOQUET BROOK_02 | 4.4 | From confluence with Wolf Den Brook US to Taft Pond. Includes diversion to swimming pond in Mashamoquet State Park. | River |
| CT3711-00_01 | BLACKWELL BROOK | 12.1 | From mouth @ Quinebaug River, NE corner of Canterbury, US to headwater, Pomfret. | River |
| CT3712-02_01 | Horse Brook | 2.2 | From mouth at Fry Brook, Plainfield, US to headwaters. | River |
| CT3713-00_01 | Mill Brook - Plainfield_01 | 1.9 | From mouth @ Quinebaug River, Canterbury, US to RR crossing, Plainfield. | River |
| CT3713-00_02 | Mill Brook - Plainfield_02 | 2.2 | From RR crossing, Plainfield, US to headwaters in a large wetland near Rhode Road, Griswold. | River |
| CT3800-00_01 | SHETUCKET RIVER_01 | 1.6 | From end of estuary, at Rte 2 crossing US to Greenville dam, Norwich. | River |
| CT3800-00_02 | SHETUCKET RIVER_02 | 6.0 | From Greenville Dam US through Greenville Dam impoundment, Taftvill Pond and Occum Pond to Baltic WPCF. | River |
| CT3800-00_03 | SHETUCKET RIVER_03 | 5.0 | From Sprague WPCF, near head of Occum Pond, US to confluence with Merrick Brook (ds of Scotland Dam). | River |
| CT3800-00_04 | SHETUCKET RIVER_04 | 2.3 | From confluence with Merrick Brook (ds of Scotland Dam) US to confuence with Cold Brook (Franklin Mushroom Farm STP). | River |
| CT3800-00_05 | SHETUCKET RIVER_05 | 5.0 | From Cold Brook DS of Franklin Mushroom Farm STP, US to confluence of Natchaug & Willimantic Rivers. | River |
| CT3803-00_01 | Merrick Brook_01 | 11.8 | From mouth @ Shetucket River, Scotland, US to headwaters, Hampton. | River |
| CT3805-00_01 | LITTLE RIVER (SPRAGUE)_01 | 0.5 | From mouth @ Shetucket River, Spraque/Lisbon, US to dam at Versailles Pond. | River |
| CT3805-00_02 | LITTLE RIVER (SPRAGUE)_02 | 1.0 | Inlet to Versailles Pond US to Papermill Pond, Sprague. | River |
| CT3805-00_03 | LITTLE RIVER (SPRAGUE)_03 | 17.3 | Upper end of Paper Mill Pond, Sprague, US to headwaters @ Hampton Reservoir, Hampton. | River |
| CT3900-00_01 | YANTIC RIVER | 6.3 | From Vermont RR crossing in Norwich US to Fitchville Pond, Bozrah. | River |
| CT3900-00_02 | YANTIC RIVER | 5.8 | From the inlet to Fitchville Pond US to headwaters @ the confluence of Sherman Brook and Deep River. | River |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT3900-07_01 | Kahn Brook_01 | 0.6 | From mouth at Yantic River, Bozrah, US to chicken farm. | River |
| CT3900-07_02 | Kahn Brook_02 | 2.3 | From mouth at Yantic River, Bozrah, US to chicken farm. | River |
| CT3900-09_01 | Bentley Brook | 2.1 | From mouth at Yantic River, Bozrah, us to headwaters. | River |
| CT3903-00_01 | Sherman Brook | 1.0 | Mouth at Deep River, Norwich US to headwaters, Colchester. | River |
| CT3905-00_01 | Pease Brook | 9.2 | From mouth at Yantic River, Bozrah, US to headwaters, Lebanon | River |
| CT3906-00_01 | Gardner Brook | 4.8 | From inlet to Fitchville Pond US to outlet of Gardner Lake, Bozrah | River |
| CT3907-00_01 | Susquetonscut Brook | 12.7 | From mouth at Yantic River, Franklin, US to headwaters, Lebanon. | River |
| CT4000-00_01 | CONNECTICUT RIVER_01 | 9.0 | From head of estuary near Chapman Pond outlet, East Haddam, US to Hurd State Park, East Hampton. | River |
| CT4000-00_02 | CONNECTICUT RIVER_02 | 11.1 | From Hurd State Park, East Hampton, US to confluence with Reservoir Brook, Portland. | River |
| CT4000-00_03 | CONNECTICUT RIVER_03 | 34.5 | From Reservoir Brook confluence, Portland, US to MA border. | River |
| CT4000-54_02 | Clark Creek | 0.5 | From falls near Rte 154 US to headwaters at confluence of Roaring and Deep Hollow Brooks, Haddam | River |
| CT4003-00_04 | Freshwater Brook_01 | 0.3 | From North Road crossing in Enfield US to Jawbuck Brook confluence | River |
| CT4006-00_01 | Salmon Brook Glastonbury | 2.9 | From mouth at Keeney Cove US to Addison Pond, Glastonbury. | River |
| CT4006-00_02 | Salmon Brook Glastonbury | 4.1 | From Addison Pond US to headwaters, Glastonbury (includes Addison Pond). | River |
| CT4007-00_01 | Hubbard Brook | 5.1 | From mouth at Ct. River, Glastonbury, US to headwaters. | River |
| CT4009-00_01 | ROARING BROOK | 6.4 | From mouth at Connecticut River US to Angus Park Pond. | River |
| CT4009-00_02 | ROARING BROOK | 2.8 | From Angus Park Pond US to Buckingham Reservoir. | River |
| CT4009-00_03 | ROARING BROOK | 2.4 | From Buckingham Reservoir US to headwaters. Segment entirely within Manchester drinking water supply watershed. | River |
| CT4013-00_01 | Sumner Brook | 0.8 | From mouth at Connecticut River, Middletown, US to confuence with Long Hill Brook. | River |
| CT4013-08_01 | Long Hill Brook | 0.4 | From mouth at Sumner Brook US 0.4 miles to Pameacha Pond outlet. | River |
| CT4015-02_01 | Beaver Meadow Brook | 2.6 | From mouth at Mill Creek US to headwaters | River |
| CT4017-03_01 | Pattaconk Brook_01 | 4.0 | From mouth at confluence with Great Brook, at head of Chester Creek, US to Cedar Lake. | River |
| CT4017-03_02 | Pattaconk Brook_02 | 1.4 | From Cedar Lake, US to Pattaconk Reservoir, Chester. | River |
| CT4018-00trib_01 | Un-named Trib to the Deep River | 0.4 | From Deep River Transfer Station, Rte 80 to mouth at the Deep River | River |
| CT4019-00_01 | Fall River | 9.3 | From mouth at CT River, Essex, US to headwaters (feeder to Tower Hill Lake), Deep River. Messerschmidts & Wrights Ponds treated as separate waterbodies. | River |
| CT4020-06_01 | Mill Brook - Old Lyme_01 | 1.2 | From mouth at Lieutenant River US to Upper Millpond, Old Lyme. | River |
| CT4020-06_02 | Mill Brook - Old Lyme_02 | 0.7 | Upper Millpond US to Rogers Lake. | River |
| CT4021-00_01 | Black Hall River | 2.6 | From head of tide (.25 mi ds of confluence with Sawmill Brook) US to Blackhall Pond. | River |
| CT4100-00_01 | Stony Brook | 3.4 | From mouth at canal parallel to CT River US to confluence with Muddy Brook. | River |
| CT4100-00_02 | Stony Brook | 3.9 | From Muddy Brook US, past airport, to DeGrayes Brook. | River |
| CT4100-00_03 | Stony Brook | 3.6 | DeGrayes Brook US to headwaters (confluence of Rocky Gutter Brook and Rattlesnake Brook). | River |
| CT4101-00_01 | Muddy Brook_01 | 2.2 | From mouth at Stony Brook, Suffield, US to confluence with Philo Brook. | River |
| CT4101-00_02 | Muddy Brook_02 | 7.4 | From confluence with Philo Brook US to headwaters (confluence of Still Brook and Spears Brook). | River |
| CT4200-00_01 | SCANTIC RIVER_01 | 8.5 | From mouth US to confluence with Broad Brook, East Windsor. | River |
| CT4200-00_02 | SCANTIC RIVER_02 | 10.9 | From confluence with Broad Brook, East Windsor, US to Somersville Pond, Somers. | River |
| CT4200-00_03 | SCANTIC RIVER_03 | 5.9 | From Somersville Pond, Somers, US to MA border. | River |
| CT4206-00_01 | Broad Brook_01 | 0.8 | From mouth US to Broad Brook Mill Pond, East Windsor. | River |
| CT4206-00_02 | Broad Brook_02 | 8.9 | From Broad Brook Mill Pond, East Windsor, US to headwaters, Ellington. | River |
| CT4300-00_01 | FARMINGTON RIVER -01 | 8.5 | From mouth US to Rainbow Reservoir dam, Windsor. | River |
| CT4300-00_02 | Farmington River -02 | 19.6 | From inlet to Rainbow Reservoir US to confluence with the Pequabuck River | River |
| CT4300-00_03 | Farmington River - 03 | 8.4 | From confluence with the Pequabuck River, Farminton US to lower Collinsville dam. | River |
| CT4300-00_04 | Farmington River - 04 | 14.9 | From lower Collinsville Dam US to confluence with Sandy Brook. | River |
| CT4300-00_05 | Farmington River - 05 | 2.3 | From confluence with Sandy Brook US to West Branch Reservoir. | River |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT4300-48_01 | Perkins Brook | 0.7 | Tributary to Farmington River at Rainbow Reservoir section in Windsor; drains Goodwin Pond. | River |
| CT4300-50_01 | Rainbow Brook | 1.7 | From mouth at Farmington River, Windsor Locks, to headwaters, south of Bradley International Airport. | River |
| CT4300-51_01 | Seymour Hollow Brook | 1.3 | From mouth at Farmington River, Windsor Locks, US to headwaters, south of Bradley International Airport | River |
| CT4302-00_01 | MAD RIVER (WINCHESTER) | 2.3 | From mouth at the Still River US to Mad River Dam in Winsted. | River |
| CT4302-00_02a | MAD RIVER (WINCHESTER) | 1.7 | From Mad River Dam in Winsted US to outlet from Rugg Brook Reservoir | River |
| CT4302-00_02b | MAD RIVER (WINCHESTER) | 0.5 | From outlet of Rugg Brook Reservoir US to canal diversion into Rugg Brook Reservoir. | River |
| CT4302-00_03 | MAD RIVER (WINCHESTER) | 4.6 | From boundary of drinking water watershed (at head of canal diversion to Rugg Brook Reservoir) US to headwaters. | River |
| CT4302-09_01 | Indian Meadow Brook_01 | 0.5 | From mouth at Mad River US to confluence with Colebrook Brook, Winchester | River |
| CT4303-00_01 | STILL RIVER_01 | 1.3 | Mouth at Farmington River, Barkhamsted, US to confluence with Sandy Brook, Colebrook. | River |
| CT4303-00_02 | STILL RIVER_02 | 2.5 | Confluence with Sandy Brook, Colebrook, US to POTW, Winsted. | River |
| CT4303-00_03 | STILL RIVER_03 | 1.7 | From Winsted POTW US to confuence with Mad River. | River |
| CT4303-00_04 | STILL RIVER_04 | 7.4 | From confuence with Mad River US to headwaters. | River |
| CT4304-00_01 | SANDY BROOK | 8.6 | From mouth at Still River, SE Colebrook, US to MA border, NE Norfolk. | River |
| CT4308-00_01 | FARMINGTON RIVER, EAST BRANCH | 1.0 | Mouth at Farmington River mainstem, New Hartford, US to dam at Lake McDonough. | River |
| CT4310-00_01 | NEPAUG RIVER_01 | 0.9 | From mouth US to Nepaug Reservoir. | River |
| CT4310-00_02 | NEPAUG RIVER_02 | 5.6 | From inlet to Nepaug Reservoir US to headwaters (confuence of Bakersville & Cedar Swamp Brooks). | River |
| CT4311-00_01 | Burlington Brook | 4.6 | Mouth at Farmington River US to headwaters (confluence of No. & So. Branches of Bunnell Brook), Burlington. | River |
| CT4314-00_01 | Coppermine Brook_01 | 2.4 | From mouth at Pequabuck River US to New Britain drinking water watershed boundary and water diversion (just us of confluence with Polkville Brook). | River |
| CT4314-00_02 | Coppermine Brook_02 | 2.6 | From drinking water watershed boundary and water diversion (just us of confluence with Polkville Brook) US to headwaters (confluence of Whigville & Wildcat Brooks). | River |
| CT4314-04trib_01 | Wildcat Brook tributary | 0.3 | Unnamed trib that enters Wildcat Brook from the West, approximately 0.6 miles US from mouth of Wildcat Brook. | River |
| CT4315-00_01 | PEQUABUCK RIVER_01 | 5.1 | From mouth at Farmington River, US to RR crossing, US (south) of Rte 72, Plainville. | River |
| CT4315-00_02 | PEQUABUCK RIVER_02 | 3.5 | From RR crossing, south of Rte 72, Plainville, US to Bristol POTW outfall. | River |
| CT4315-00_03 | PEQUABUCK RIVER_03 | 1.3 | From Bristol POTW outfall US to exit of box culvert, downtown Bristol. | River |
| CT4315-00_04 | PEQUABUCK RIVER_04 | 0.3 | From exit of box culvert US to entrance of box culvert, center of Bristol. | River |
| CT4315-00_05 | PEQUABUCK RIVER_05 | 2.6 | From entrance to box culvert, center Bristol, US to Plymouth POTW. | River |
| CT4315-00_06 | PEQUABUCK RIVER_06 | 5.2 | From Plymouth POTW US to headwaters. | River |
| CT4317-00_01 | Nod Brook | 1.0 | From mouth at dredge holes (Twin Lakes North & South) near Farmington River, Avon US to headwaters, Simsbury. | River |
| CT4318-00_01 | Hop Brook | 6.7 | From mouth at Farmington River, Simsbury, US to headwaters at Tuller Reservoir. | River |
| CT4318-03_01 | Stratton Brook | 1.0 | From mouth on Hop River in Simsbury US to headwaters. | River |
| CT4319-00_01 | SALMON BROOK, WEST BRANCH | 10.0 | From mouth at Farmington River, Granby, US to headwaters, Hartland. | River |
| CT4319-07_01 | Beach Brook_01 | 2.4 | From mouth at West Branch of Salmon River US to headwaters, Granby. | River |
| CT4320-00_01 | SALMON BROOK | 13.3 | From mouth at Farmington River, E. Granby US to headwaters. | River |
| CT4320-05_01 | Beldon Brook | 4.1 | from mouth at East Branch of Salmon River, Granby US to headwaters, Hartland | River |
| CT4320-08_01 | Mountain Brook | 2.5 | From mouth at East Branch of Salmon River US to headwaters of main tributary, Granby. | River |
| CT4320-09_01 | Dismal Brook | 3.5 | From mouth at East Branch of Salmon River Us to MA border. | River |
| CT4400-00_01 | PARK RIVER | 2.2 | From mouth at Connecticut River US to confuence with North Branch. | River |
| CT4400-01_01 | South Branch of Park River_01 | 0.2 | From mouth at confluence with North Branch US through and up to conduit entrance. | River |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT4400-01_02 | South Branch of Park River_02 | 2.7 | From entrance to conduit US to confluence of Piper and Trout Brooks. | River |
| CT4402-00_01 | Piper Brook_01 | 0.1 | From mouth, at South Branch of Park River, West Hartford, through conduit under New Britain Ave. | River |
| CT4402-00_02 | Piper Brook_02 | 4.8 | From New Britain Ave, West Hartford, US to St. Mary's cemetary where it emerges from pipe under New Britain. | River |
| CT4403-00_01 | Trout Brook_01 | 1.1 | From mouth at South Branch of the Park River (confluence with Piper Brook), West Hartford, US to Rte 84, Park Road Exit 42. | River |
| CT4403-00_02 | Trout Brook_02 | 0.9 | From Rte 84 at Trout Brook Exit (42), W. Hartford, US to Park Road crossing. Entire segment flows through concrete channel. | River |
| CT4403-00_03 | Trout Brook_03 | 5.9 | From Boulevard crossing US to Woodbridge Lake. | River |
| CT4404-00_01 | PARK RIVER, NORTH BRANCH | 0.5 | From mouth at confluence with South Branch US through and up to entrance of conduit, Farmingotn Ave. | River |
| CT4404-00_02 | PARK RIVER, NORTH BRANCH | 4.3 | From entrance to conduit, Farmington Ave, US to confluence of Tumble and Wash Brooks. | River |
| CT4500-00_01 | HOCKANUM RIVER_01 | 4.1 | From mouth at Ct River, E. Hartford, US to 1st dam at Scotland Impoundment, includes impoundment behind E. Hartford town hall. | River |
| CT4500-00_02 | HOCKANUM RIVER_02 | 3.6 | From 1st dam at Scotland Impoundment US to confluence with South Fork of Hockanum (sometimes known as Hop) River. | River |
| CT4500-00_03 | HOCKANUM RIVER_03 | 3.4 | From confluence with the South Fork of the Hockanum River (just US of "Laurel Lake") US to Union Pond, Manchester. | River |
| CT4500-00_04 | HOCKANUM RIVER_04 | 3.2 | From inlet to Union Pond, Manchester US to one mile DS of Dart Hill Road, Vernon (~ 1.5 mi US of confl w/ Tankerhoosen). Segment includes confluence with Tankerhoosen River. Union Pond treated as separate waterbody. | River |
| CT4500-00_05 | HOCKANUM RIVER_05 | 2.3 | From one mile DS (south) of Dart Hill Road, Vernon, US to Vernon POTW. | River |
| CT4500-00_06 | HOCKANUM RIVER_06 | 3.8 | From Vernon POTW US to Vernon Ave, Rockville. | River |
| CT4500-00_07 | HOCKANUM RIVER_07 | 0.7 | From Vernon Ave (outlet of culvert), Rockville, US to Paper Mill Pond (inlet to culvert). | River |
| CT4500-00_08 | HOCKANUM RIVER_08 | 0.7 | From Paper Mill Pond US to Shenipsit Lake. | River |
| CT4501-00_01 | Charters Brook | 6.1 | From mouth at Shenipsit Lake Tolland US to headwaters near Webster Rd Ellington | River |
| CT4503-00_01 | Tankerhoosen River_01 | 1.5 | From mouth at Hockanum River, near Vernon/Manchester border, US to Tankerhoosen Lake, Vernon. | River |
| CT4503-00_02 | Tankerhoosen River_02 | 4.1 | From Tankerhoosen Lake, Vernon, US to headwaters @ Walker Reservoir. | River |
| CT4503-01_01 | Gages Brook | 2.0 | From mouth at Walker Reservoir East (head of Tankerhoosen River), Vernon, US to headwaters, Tolland. | River |
| CT4600-00_01 | MATTABASSET RIVER_01 | 3.3 | From mouth at CT River, Cromwell, US to Rte 3 & 217. | River |
| CT4600-00_02 | MATTABASSET RIVER_02 | 3.8 | From Rte 3 & 217 US to dam just US of Berlin St, East Berlin. | River |
| CT4600-00_03 | MATTABASSET RIVER_03 | 3.8 | From dam just US of Berlin St, East Berlin, US to just US of Willow Brook. | River |
| CT4600-00_04 | MATTABASSET RIVER_04 | 1.8 | From just US of Willow Brook US to dam on Railroad Pond. | River |
| CT4600-00_05 | MATTABASSET RIVER_05 | 1.0 | From dam on Railroad Pond US to inlet to Paper Goods Pond. | River |
| CT4600-00_06 | MATTABASSET RIVER_06 | 1.3 | From inlet to Paper Goods Pond US to Hart Pond dam. | River |
| CT4600-00_07 | MATTABASSET RIVER_07 | 1.6 | From inlet Hart Pond US to Wasel Reservoir. | River |
| CT4600-01_01 | John Hall Brook_01 | 2.3 | From mouth at Mattabasset, just below Hart Pond, US to Kenmere Reservoir. | River |
| CT4600-01_02 | John Hall Brook_02 | 1.0 | From Kenmere Reservoir US to Hallmere Reservoir. | River |
| CT4600-07_01 | Little Brook (Rocky Hill) | 1.9 | From mouth at Mattabasset River US to source near Trinity Rd, Rocky Hill. | River |
| CT4600-13_01 | Spruce Brook (Berlin) | 5.1 | From mouth at Mattabasset River US to source at Lamentation Mountain. | River |
| CT4600-23_01 | Coles Brook | 3.5 | From mouth at Mattabasset US to source at Shunpike Rd, Cromwell. | River |
| CT4600-26_01 | Miner Brook | 2.9 | From mouth at Mattabasset US to source just south of Westfield St, Middletown | River |
| CT4600-27_01 | Willow Brook (Cromwell) | 1.4 | From mouth at Mattabasset River US to headwaters near junctin of Coles Road and Willow Brook Road, Cromwell | River |
| CT4601-00_01 | Belcher Brook | 3.6 | From mouth at Mattabasset River US to source at Silver Lake, Berlin. | River |
| Ct4601-01_01 | Crooked Brook_01 | 1.1 | From mouth at Belcher Brook US to Swede Pond, Berlin. | River |
| Ct4601-01_02 | Crooked Brook_02 | 0.3 | From Swede Pond US to Elton Rd crossing, Berlin. | River |
| Ct4601-01_03 | Crooked Brook_03 | 1.4 | From Elton Rd crossing US to headwaters, Berlin. | River |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT4602-00_01 | Willow Brook_01 | 3.6 | From mouth at Mattabasset River US to outlet of conduit east of Hart Park, New Britain. | River |
| CT4602-00_02 | Willow Brook_02 | 2.5 | From outlet of conduit east of Hart Park, New Britain, US through conduit and then US to Shuttle Meadow Reservoir. | River |
| CT4603-00_01 | Webster Brook | 3.4 | From mouth at Mattabasset River to source in Newington. | River |
| CT4604-00_01 | Sawmill Brook (Middletown) | 3.0 | From mouth at Mattabasset River US to Source at Atkin Street Pond (Highland Pond) Middletown. | River |
| CT4607-00_01 | COGINCHAUG_01 | 1.9 | From mouth at Mattebessett River, at Cromwell border, US to Rte 3 crossing, Middletown. | River |
| CT4607-00_02 | COGINCHAUG_02 | 0.3 | From Rte 3 US to just US of Veterans Memorial Park (just ds of Rte 66). | River |
| CT4607-00_03 | COGINCHAUG_03 | 0.9 | From Veterans Memorial Park US to Starr Mill Pond dam. | River |
| CT4607-00_04 | COGINCHAUG_04 | 4.2 | From Starr Mill Pond US (past Wadsworth Falls) to Strictland Road, Middlefield. | River |
| CT4607-00_05 | COGINCHAUG_05 | 4.7 | From Strictland Road, Middlefield, US to Meeting House Road, Durham. | River |
| CT4607-00_06 | COGINCHAUG_06 | 3.1 | From Meeting House Road, Durham, US to headwaters, near Bluff Head, north Guilford. | River |
| CT4700-00_01 | Salmon River | 10.3 | Mouth at Ct River, East Haddam, US to headwaters at confluence of Blackledge and Jeremy Rivers, Colchester. | River |
| CT4703-01_01 | Cabin Brook | 1.5 | From mouth at Nelkin Brook US to Rte 2/Rte 11 interchange (small trib near exit 20 ramp), Colchester. | River |
| CT4705-00_01 | JEREMY RIVER_01 | 1.2 | From mouth at Salmon River, US to dam at Rte 149 crossing, North Westchester (Colchester). | River |
| CT4705-00_02 | JEREMY RIVER_02 | 7.3 | From dam at Rte 149 crossing, North Westchester (Colchester) US to headwaters at Holbrook Pond, Hebron. | River |
| CT4707-00_01 | BLACKLEDGE RIVER | 10.2 | From mouth at Salmon River, Colchester, US to headwaters, Bolton. | River |
| CT4707-06_01 | Flat Brook, Marlborough | 2.0 | From mouth at Blackledge River,Marlborough, US to headwaters at Diamond lake, Glastonbury. | River |
| CT4707-12_01 | Lyman Brook | 3.7 | From mouth at Blackledge River, just US of Rte 2 to headwaters, Marlborough. | River |
| CT4709-00_01 | Pine Brook_01 | 2.9 | From mouth at Salmon River, Haddam, US to Pocotopaug Creek. | River |
| CT4709-00_02 | Pine Brook_02 | 4.5 | From confluence with Pocotopaug Creek US to headwaters, US of Rte 66, E. Hampton. | River |
| CT4709-04_01 | Pocotopaug Creek_01 | 2.0 | From mouth at Pine Brook, US of Rte 151 in E. Hampton, US to Old Chestnut Hill Rd. | River |
| CT4709-04_02 | Pocotopaug Creek_02 | 2.1 | From Old Chestnut Hill Rd, E. Hamption US to dam on Lake Pocotopaug US of Rte 66. | River |
| CT4800-00_01 | EIGHTMILE RIVER - Lyme | 8.1 | From mouth at Hamburg Cove, Ct River, US to headwaters. | River |
| CT4802-00_01 | Eightmile River, E. Branch - Salem | 8.1 | From mouth at Eight Mile River, US of Rte 156, Lyme. | River |
| CT5000-55_01 | Oyster River trib_01 - Milford | 1.3 | Tributary to Oyster River, Milford. From Rte. 162, Merwin Ave., crossing US to Amtrak crossing above Quirkes Pond. | River |
| CT5000-55_02 | Oyster River trib_02 - Milford | 0.4 | Tributary to Oyster River, Milford. From Amtrak crossing above Quirks Pond, US to unnamed swamp (headwaters) adjacent to Light Sources Inc., Cascade Blvd. | River |
| CT5103-00_01 | MENUNKETESUCK RIVER_01 | 2.0 | From Chapman Pond US to Bushy Pond, Clinton. | River |
| CT5103-00_02 | MENUNKETESUCK RIVER_02 | 2.0 | From Bushy Pond, Clinton, US to Kelseytown Reservoir, Clinton-Killingworth border. | River |
| CT5103-00_03 | MENUNKETESUCK RIVER_03 | 5.7 | From Kelseytown Reservoir US to North Roast Meat Hill Road crossing. | River |
| CT5104-00_01 | Indian River - Clinton | 5.7 | Head of tide (ds of Rte 95) to headwaters. | River |
| CT5105-01_01 | Pond Meadow Brook | 0.7 | From mouth on Chatfield Hollow Brook just ds of the Old Mill Pond in Chatfield Hollow State Park, Killingworth, US to Kroupa Pond. | River |
| CT5106-00_01 | HAMMONASSET RIVER | 7.8 | From Rt 95 US to Hammonassett Reservoir | River |
| CT5106-00_02 | HAMMONASSET RIVER | 2.6 | From Hammonassett Reservoir US to Old County Road. | River |
| CT5106-00_03 | HAMMONASSET RIVER | 3.3 | From Old County Rd, Killingworth, US to Rt. 79 crossing at Madison/Durham border. | River |
| CT5107-00_01 | Neck River | 9.0 | From head of tide/saltwater intrusion US to headwaters. | River |
| CT5108-00_01 | East River - Guilford | 3.0 | Coastal river, mostly tidal, no appropriate benthic habitat. | River |
| CT5110-00_01 | WEST RIVER (GUILFORD) | 2.1 | From Rt 1 US to Thirsty Lake, Guilford. | River |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT5110-00_02 | WEST RIVER (GUILFORD) | 5.2 | From Thirsty Lake US to confuence with Branch Brook just DS of lake Quonnipaug | River |
| CT5111-00_01 | BRANFORD RIVER | 2.8 | From Rt 1 US to confluence with Notch Hill Brook. | River |
| CT5111-00_02 | BRANFORD RIVER | 3.0 | From confluence with Notch Hill Brook US to Lake Gaillard. | River |
| CT5112-00_01 | FARM (EAST HAVEN) RIVER | 6.0 | From confluence with Lake Saltonstall outlet US to Burrs Brook. | River |
| CT5112-00_02 | FARM (EAST HAVEN) RIVER | 1.1 | From confluence with Burrs Brook US to Pages Mill Pond, at Mill Road, North Branford. | River |
| CT5112-00_03 | FARM (EAST HAVEN) RIVER | 8.3 | From Pages Mill Pond US to headwaters. | River |
| CT5112-10_01 | Burrs Brook | 1.6 | From mouth at Farm River US to discharge stream from Vic's Pond on Tomasso property. Tributary to Farm River leading to drinking water supply, Lake Saltonstall. | River |
| CT5200-00_01 | QUINNIPIAC RIVER_01 | 5.0 | From Rt. 5, North Haven, US to head of tide at Toelles Road, Wallingford. | River |
| CT5200-00_02 | QUINNIPIAC RIVER_02 | 8.3 | From Toelles Road, Wallingford, US to Hanover Pond, Meriden. | River |
| CT5200-00_03 | QUINNIPIAC RIVER_03 | 1.5 | From Hanover Pond, Meriden, US through Gorge to Waterworks (breached dam), at Cheshire-Meriden line. | River |
| CT5200-00_04 | QUINNIPIAC RIVER_04 | 4.6 | From breached dam at Cheshire-Meriden border US to confluence with Tenmile River. | River |
| CT5200-00_05 | QUINNIPIAC RIVER_05 | 7.7 | From confluence with Tenmile River US to Rt 10 crossing, north of Rt. I-84, Southington. | River |
| CT5200-00_06 | QUINNIPIAC RIVER_06 | 2.9 | From Rt 10 crossing, Southington, US to Hamlin Pond, Plainville. | River |
| CT5200-00_07 | QUINNIPIAC RIVER_07 | 3.6 | From Hamlin Pond US to headwaters. | River |
| CT5200-02_01 | Patton Brook | 2.6 | From mouth at Quinnipiac River US to headwaters. | River |
| CT5200-07_01 | Honeypot Brook | 4.1 | Mouth at Quinnipiac River US to Wiese Road. | River |
| CT5200-23_01 | Hemingway Creek | 0.8 | From end of saline water, 200 m ds of Quinipiac St crossing, US to Golf Pond just over East Haven border. | River |
| CT5201-00_01 | EIGHTMILE RIVER - Southington | 3.3 | From mouth at confluence with Quinnipiac River US to Grannis Pond. | River |
| CT5201-00_02 | EIGHTMILE RIVER - Southington | 2.4 | From Grannis Pond, Southington, US to headwaters at Bristol Fish & Game Club Pond. | River |
| CT5201-04_01 | Dayton Brook | 1.7 | From mouth at confluence with Eightmile river to headwaters, Southington. | River |
| CT5201-08_01 | Roaring Brook | 2.1 | From mouth at Dayton Brook, Southington, US to Wolcott Reservoir. | River |
| CT5202-00_01 | Tenmile River - Southington_01 | 3.6 | From mouth at Q River, Southington, US to Moss Farms Pond (just US of Jarvis St.). | River |
| CT5202-00_02 | Tenmile River - Southington_01 | 1.7 | From Moss Farms Pond (just US of Jarvis St) to headwaters at Mixville Pond. | River |
| CT5203-00_01 | Misery Brook_01 | 4.2 | From mouth at Quinnipiac River at Southington-Cheshire border US to Slopers Pond, Southington. | River |
| CT5203-00_02 | Misery Brook_02 | 0.8 | From Slopers Pond, Southington, US to Smith Pond. | River |
| CT5205-00_01 | Sodom Brook | 3.8 | From mouth at Quinnipiac River US to headwaters, Meriden. | River |
| CT5206-00_01 | Harbor Brook_01 | 2.1 | From mouth at Quinnipiac River US to box culvert near railroad and Main St. | River |
| CT5206-00_02 | Harbor Brook_02 | 0.4 | From culvert exit near Rt. 71 US to culvert entrance, US of Fire Station. | River |
| CT5206-00_03 | Harbor Brook_03 | 1.5 | From box culvert near fire station US to Baldwin's Pond. | River |
| CT5207-00_01 | Wharton Brook_01 | 3.8 | From mouth at Quinnipiac River at Wallingford - No. Haven border US to Simpson Pond, Wallingford. | River |
| CT5207-00_02 | Wharton Brook_02 | 2.8 | From Simpson Pond US to North Farms Reservoir, Wallingford. | River |
| CT5207-02_01 | Allen Brook_01 | 0.1 | From mouth at Wharton Brook us to Allen Brook Pond | River |
| CT5207-02_02 | Allen Brook_02 | 1.8 | From Allen Brook Pond US to headwaters, Wallingford. | River |
| CT5208-00_01 | Muddy Brook_01 | 0.8 | From mouth at Q River, North Haven US to Muddy River Pond. | River |
| CT5208-00_02a | Muddy Brook_02a | 8.2 | From Muddy River Pond, at Rte 91, North Haven US to unnamed tributary just DS of Tyler Mill Road crossing, Wallingford. | River |
| CT5208-00_02b | Muddy Brook_02b | 1.7 | From unnamed tributary just DS of Tyler Mill Road crossing US to MacKenzie Reservoir, Wallingford. | River |
| CT5208-00_03 | Muddy Brook_03 | 2.0 | From MacKenzie Reservoir US to Spring Lake, Wallingford. | River |
| CT5208-00_04 | Muddy Brook_04 | 0.9 | FromSpring Lake US to Rt. 68, Wallingford. | River |
| CT5302-00_01 | Mill River - New Haven_01 | 1.7 | From Rt. 91 crossing US to Lake Whitney. | River |
| CT5302-00_02 | Mill River - Hamden/Cheshire_02 | 8.8 | From Lake Whitney US to Cook Hill Road, Cheshire. | River |
| CT5302-00_03 | Mill River - Cheshire_03 | 3.0 | From Cook Hill Road, Cheshire US to headwaters. | River |
| CT5303-00_01 | Sargent River | 3.9 | From mouth at West River, just US of lake Dawson, Woodbridge, US to headwaters, excluding L. Chamberlain and L. Glen. | River |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT5305-00_01 | WEST RIVER (WEST HAVEN) | 3.3 | From head of tide at Chapel St US to Konold's Pond, Woodbridge. | River |
| CT5305-00_02 | WEST RIVER (WEST HAVEN) | 3.2 | From Konold's Pond US to Lake Bethany. | River |
| CT5306-00_01 | Indian River - Milford | 4.9 | Milford. | River |
| CT5307-00_01 | WEPAWAUG RIVER | 0.8 | From Rt 162, head of tide, US to Rt 1. | River |
| CT5307-00_02 | WEPAWAUG RIVER | 4.2 | From Rt 1 US to Lake Wepawaug. | River |
| CT5307-00_03 | WEPAWAUG RIVER | 2.3 | From Lake Wepawaug US to Wepawaug Reservoir. | River |
| CT5307-00_04 | WEPAWAUG RIVER | 3.1 | From Wepawaug Reservoir US to Milan Road, Woodbridge. | River |
| CT5307-00_05 | WEPAWAUG RIVER | 1.0 | From Milan Road US to headwaters. | River |
| CT6000-00_01 | HOUSATONIC RIVER_01 | 2.8 | From end of saltwater at Wooster Island US to confluence with Naugatuck River | River |
| CT6000-00_02 | HOUSATONIC RIVER_02 | 1.5 | From confluence with Naugatuck River US to Derby Dam (Lake Housatonic Dam). | River |
| CT6000-00_03 | HOUSATONIC RIVER_03 | 5.1 | From head of Lake Lillinonah @ confluence with Town Farm Brook, Bridgewater, US to Boardman Bridge (Road) crossing, New Milford. | River |
| CT6000-00_04 | HOUSATONIC RIVER_04 | 8.0 | From Boardman Bridge (Road) crossing New Milford, US to dam @ Bulls Bridge, near Rte 114, Kent. | River |
| CT6000-00_05 | HOUSATONIC RIVER_05 | 6.6 | From dam @ Bulls Bridge, near Rte 114, Kent US to confluence with Mauwee Brook, Kent. | River |
| CT6000-00_06 | HOUSATONIC RIVER_06 | 18.3 | From confluence with Mauwee Brook, Kent US to Great Falls dam, Amesville, Salisbury. | River |
| CT6000-00_07 | HOUSATONIC RIVER_07 | 7.3 | From Great Falls dam, Amesville, Salisbury US to state line. | River |
| CT6000-62_01 | Fivemile Brook | 2.2 | Mouth at the Housatonic River in Oxford US to headwaters. | River |
| CT6001-00_01 | Sages Ravine Brook_01 | 0.7 | from mouth at Schenob Brook US to Rte 44 crossing, Salisbury | River |
| CT6001-00_02 | Sages Ravine Brook_02 | 0.7 | from Rte 44 crossing US to MA border, Salisbury | River |
| CT6004-00_01 | Konkapot River | 2.0 | From MA border to MA border, North Canaan (small loop through CT). | River |
| CT6005-00_01 | FACTORY BROOK | 1.7 | From mouth at Salmon Creek, Salisbury US to Salsbury WPCF, just ds of confluence with Burton Brook. | River |
| CT6005-00_02 | FACTORY BROOK | 1.1 | From Salisbury WPCF us to headwaters @ Wonoskopomuc Lake | River |
| CT6006-00_01 | SPRUCE SWAMP CREEK | 2.7 | Mouth @ Salmon Creek US to confluence of Ball and Moore Brooks, Salisbury. | River |
| CT6006-01_01 | Moore Brook | 1.7 | From mouth at confluence with Ball Brook and head of Spruce Swamp Creek US to headwaters at Fisher Pond | River |
| CT6007-00_01 | SALMON CREEK | 5.8 | Mouth @ Housatonic River, southeast Salisbury, US to headwaters. | River |
| CT6008-00_01 | Mill Brook - Cornwall_01 | 1.6 | From mouth at Housatonic River, Cornwall, US to confluence with Heffers Brook (just US of Rte 128 crossing). | River |
| CT6008-00_02 | Mill Brook - Cornwall_02 | 2.2 | From confluence with Heffers Brook (just US of Rte 128 crossing) US to headwaters at Cream Hill Lake. | River |
| CT6010-00_01 | FURNACE BROOK | 3.6 | From mouth @ the Housatonic River @ Cornwall US to headwaters @ confluence of Valley & Birdseye Brooks. | River |
| CT6013-00_01 | COBBLE BROOK | 3.3 | From mouth at east bank of Housatonic River, US to headwaters, Kent. | River |
| CT6016-03_02 | Bull Mountain Brook | 3.0 | Mud Pond US to headwaters at Geer Mountain Pond, Kent. | River |
| CT6019-00_01 | DEEP BROOK | 5.3 | Mouth @ Pootatuck River US to headwaters, Newtown. | River |
| CT6020-00_01 | POOTATUCK RIVER_01 | 2.3 | From mouth on west bank of Housatonic River, Newtown, US to Newtown WPCF (just DS of confluence with Deep Brook). | River |
| CT6020-00_02 | POOTATUCK RIVER_02 | 7.7 | From mouth on west bank of Housatonic River, Newtown, US to Newtown WPCF (just DS of confluence with Deep Brook). | River |
| CT6023-00_01 | EIGHTMILE BROOK | 11.4 | From mouth at Housatonic River US to headwaters at Lake Quassapaug. | River |
| CT6025-00_01 | FARMILL RIVER | 0.6 | From mouth at Housatonic River in Shelton US to Rte 110 crossing. | River |
| CT6025-00_02 | FARMILL RIVER_02 | 3.9 | From Rte 110 crossing in Shelton US to confluence with Means Brook | River |
| CT6025-00_03 | FARMILL RIVER_03 | 3.0 | From confluence with Means Brook US to Far Mill Reservoir at beginning of drinking water watershed. | River |
| CT6025-00_04 | FARMILL RIVER_04 | 3.6 | From Far Mill Reservoir at beginning of drinking water watershed US to headwaters. | River |
| CT6026-00_01 | Pumpkin Ground Brook | 2.9 | From Mouth at Housatonic River US to Beaver Dam Lake, Stratford. | River |
| CT6100-00_01 | BLACKBERRY RIVER_01 | 0.8 | Mouth @ Housatonic River in North Canaan US to North Canaan WPCF. | River |
| CT6100-00_02a | BLACKBERRY RIVER_02a | 2.5 | North Canaan WPCF US to drainage ditch at upper boundary of Lime Quarry. | River |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT6100-00_02b | BLACKBERRY RIVER_02b | 1.3 | From drainage ditch at upper boundary of Lime Quarry on Lower Road US to Blast Furnace near Lower Pond dam, Canaan. | River |
| CT6100-00_03 | BLACKBERRY RIVER_03 | 3.6 | From crossing of Lower Rd and Furnace Hill Rd (Blast Furnace) at 1st dam US to 1 mile ds of Norfolk WPCF. | River |
| CT6100-00_04 | BLACKBERRY RIVER_04 | 1.0 | From 1 mile ds of Norfolk WPCF US to Norfolk WPCF. | River |
| CT6100-00_05 | BLACKBERRY RIVER_05 | 1.0 | From Norfolk WPCF us to headwaters @ confluence of Wood Creek and Spaulding Brook | River |
| CT6200-00_01 | HOLLENBECK RIVER | 12.9 | From mouth US to headwaters. | River |
| CT6300-00_01 | Tenmile River - Sherman_01 | 0.6 | From mouth at Housatonic River, Sherman, CT us to NY state line | River |
| CT6301-00_01 | Mudge Pond Brook_01 | 1.2 | From NY border in Sharon US to Sharon WPCF. | River |
| CT6301-00_02 | Mudge Pond Brook_02 | 1.3 | From Sharon WPCF US to Mudge Pond.. | River |
| CT6401-00_01 | Sawmill Brook (Sherman) | 2.4 | From mouth at Candlewood Lake in Sherman US to MA border. | River |
| CT6500-00_01 | ASPETUCK RIVER | 12.9 | From mouth at Housatonic River in New Milford US to headwaters @ North Spectacle Pond. | River |
| CT6502-00_01 | EAST ASPETUCK RIVER | 1.4 | From mouth at confluence with West Aspetuck River US Wellsville Road Crossing, New Milford. | River |
| CT6502-00_02 | EAST ASPETUCK RIVER | 4.6 | From Wellsville Road crossing US to Wheaton Road Crossing, New Milford. | River |
| CT6502-00_03 | EAST ASPETUCK RIVER | 3.3 | From Wheaten Road crossing US to Lake Wauramaug. | River |
| CT6502-01_01 | Lake Waramaug Brook | 5.0 | From mouth at Lake Waramaug us to headwaters at Eel Pond, Warren. | River |
| CT6600-00_01 | STILL RIVER_01 | 6.8 | From mouth at Housatonic River, Brookfield, US to Silvermine Road crossing (USGS station), Brookfield (just DS of confluence with Charles Pickneys Brook). | River |
| CT6600-00_02 | STILL RIVER_02 | 5.7 | From Silvermine Road crossing US to confuence with Limekiln Brook. | River |
| CT6600-00_03 | STILL RIVER_03 | 2.2 | From confluence with Limekiln Brook US to confluence with Sympaug River. | River |
| CT6600-00_04 | STILL RIVER_04 | 1.5 | From confluence Sympaug River US to confluence with Padanaram Brook. | River |
| CT6600-00_05 | STILL RIVER_05 | 3.3 | From confluence with Padanaram Brook US to Lake Kenosia. | River |
| CT6600-00_06 | STILL RIVER_05 | 0.9 | From Lake Kenosia US to headwaters. | River |
| CT6603-00_01 | PADANARAM BROOK | 3.7 | From mouth at Still River in Danbury US to headwaters @ Lake Kenosia | River |
| CT6604-00_01 | SYMPAUG BROOK_01 | 0.6 | From mouth at Still River, Cross Street, US to Wooster St crossing. | River |
| CT6604-00_02 | SYMPAUG BROOK_02 | 2.9 | From Wooster St. crossing US to headwaters @ Sympaug Pond. | River |
| CT6606-00_01 | LIMEKILN BROOK_01 | 0.3 | From mouth US to Rte 6 crossing, and US to confluence with Danbury WPCF outfall channel, behind shopping plaza @ pump station. | River |
| CT6606-00_02 | LIMEKILN BROOK_02 | 1.1 | From confluence with Danbury WPCF outfall channel US to first road crossing above landfill, Shelter Rock Road. | River |
| CT6606-00_03 | LIMEKILN BROOK_03 | 5.3 | From Shelter Rock Road crossing US to headwaters. | River |
| CT6700-00_01 | SHEPAUG RIVER | 17.7 | From head of Lake Lillinonah, just ds of Minor Bridge Road, US to confluence wth the Bantam River. | River |
| CT6700-00_02 | SHEPAUG RIVER | 3.5 | From confluence with Bantam River US to Shepaug Reservoir. | River |
| CT6705-00_01 | BANTAM RIVER_01 | 4.4 | From mouth @ Shepaug River US to confluence with Bizell Brook. | River |
| CT6705-00_02 | BANTAM RIVER_02 | 2.0 | From confluence with Bizell Brook US to hydropower dam @ Rte 209 crossing in Bantam. | River |
| CT6705-00_03 | BANTAM RIVER_03 | 1.5 | From hydropower dam @ Rte 209 crossing US to outlet of Bantam Lake | River |
| CT6705-00_04 | BANTAM RIVER_04 | 10.8 | From inlet to Bantam Lake US to headwaters. | River |
| CT6705-12_01 | Hill Brook | 2.5 | From mouth at Bantam River near Litchfield WPCF US to headwaters. | River |
| CT6800-00_01 | POMPERAUG RIVER_01 | 2.6 | From mouth @ Housatonic River, Southbury, US to confluence withTransylvania Brook. | River |
| CT6800-00_02 | POMPERAUG RIVER_02 | 2.0 | From confluence withTransylvania Brook US to Flood Bridge Road. | River |
| CT6800-00_03 | POMPERAUG RIVER_03 | 1.3 | From Flood Bridge Road US to confluence with Bullet Hill Brook, includes Heritage Village POTW discharge. | River |
| CT6800-00_04 | POMPERAUG RIVER_04 | 7.2 | From confluence with Bullet Hill Brook US to headwaters @ confluence of Nonewaug and Weekeepeeme Rivers. | River |
| CT6802-00_01 | NONEWAUG RIVER_01 | 4.0 | From mouth at Pomperaug River US to confluence with Harvey Brook. | River |
| CT6802-00_02 | NONEWAUG RIVER_02 | 4.4 | From confluence with Harvey Brook US to Big Meadow Pond (Judd Reservoir). | River |
| CT6802-00_03 | NONEWAUG RIVER_03 | 1.1 | From Big Meadow Pond (Judd Reservoir) US to headwaters. | River |
| CT6802-05_01 | Harvey Brook | 2.1 | From mouth at Nonewaug River US to headwaters, northern Woodbury, near Bethlehem border. | River |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT6804-00_01 | WEEKEEPEEMEE RIVER | 9.0 | From mouth at confluence with Nonewaug US to headwaters. | River |
| CT6804-04_01 | Wood Creek | 3.3 | From mouth at Weekeepeemee River, Bethlehem, US to headwaters at Zieglers Pond, | River |
| CT6806-00_01 | TRANSYLVANIA BROOK_01 | 1.1 | From mouth @ Pomperaug River US to Southbury Training School STP. | River |
| CT6806-00_02 | TRANSYLVANIA BROOK_02 | 0.4 | From Southbury Training School STP US to Gravel Pit Pond | River |
| CT6806-00_03 | TRANSYLVANIA BROOK_03 | 3.8 | From Gravel Pit Pond US to headwaters. | River |
| CT6900-00_01 | NAUGATUCK RIVER_01 | 6.0 | From mouth @ Housatonic River, Derby, US to Rimmon (Tingue) Dam, Seymour (just DS of confluence with Bladens River). | River |
| CT6900-00_02 | NAUGATUCK RIVER_02 | 11.0 | From Rimmon Dam, Seymour, US to Waterbury WPCF. Segment includes Wtby, Naug & Beacon Falls WPCFs, & dredge holes in river between Rts 42 & 67 in Beacon Falls. | River |
| CT6900-00_03 | NAUGATUCK RIVER_03 | 3.9 | From Waterbury WPCF US to confluence with Steele Brook. | River |
| CT6900-00_04 | NAUGATUCK RIVER_04 | 1.5 | From confluence with Steele Brook US to sewage leak at drain pipe (near old bridge abutment) along Chase River Road, Waterbury. | River |
| CT6900-00_05 | NAUGATUCK RIVER_05 | 4.7 | From just us of pipe (with sewage lead) off of Chase River Road US to Thomaston WPCF (just US of confuence with Branch Brook). | River |
| CT6900-00_06 | NAUGATUCK RIVER_06 | 8.9 | From Thomaston WPCF US to Spruce Brook, Litchfield. | River |
| CT6900-00_07 | NAUGATUCK RIVER_07 | 2.6 | Confluence with Spruce Brook, Litchfield, US to Torrington WPCF. | River |
| CT6900-00_08 | NAUGATUCK RIVER_08 | 1.5 | Torrington WPCF us to headwaters @ confluence of East & West Branches of Naugatuck River. | River |
| CT6900-22_01 | Great Brook | 2.0 | Mouth on east bank of Naugatuck River, Waterbury US to Great Brook Reservoir. Mostly in culvert under city. | River |
| CT6900-27_01 | SPRUCE BROOK | 2.5 | From mouth @ Naugatuck River US to headwaters, Beacon Falls. | River |
| CT6900-28_01 | HOCKANUM BROOK | 3.0 | From mouth @ Naugatuck River, Beacon Falls US to headwaters. | River |
| CT6902-00_01 | Hart Brook | 0.5 | From mouth at West Branch of Naugatuck River US to Reubin Hart Reservoir, Torrington. | River |
| CT6903-00_01 | Nickel Mine Brook | 0.3 | From mouth at West Branch of Naugatuck River US to Crystal Lake, Torrington. | River |
| CT6903-02_01 | Lovers Lane Brook | 2.9 | From mouth at Nickel Mine Brook, US to headwaters, Torrington. | River |
| CT6904-00_01 | NAUGATUCK RIVER, WEST BRANCH | 1.0 | From mouth at confluence with East Branch to form main stem of Naugatuck US to 1st impounded area (Old Brass Mill Pond), Torrington. | River |
| CT6904-00_02 | NAUGATUCK RIVER, WEST BRANCH_02 | 0.6 | From dam at Old Brass Mill Pond US to head of impounded area (Wolcott Ave crossing). | River |
| CT6904-00_03 | NAUGATUCK RIVER, WEST BRANCH_03 | 2.0 | From head of Old Brass Mill Pond (Wolcott Ave crossing) US to Stillwater Pond. | River |
| CT6904-00_04 | NAUGATUCK RIVER, WEST BRANCH_04 | 1.1 | From inlet to Stillwater Pond US to headwaters @ confulence of Hart and Hall Meadow Brooks. | River |
| CT6905-00_01 | Naugatuck River, East Branch_01 | 0.8 | From mouth @ confluence with West Branch, Torrington, US to Rte 4 crossing. | River |
| CT6905-00_02 | Naugatuck River, East Branch_01 | 6.6 | From Rte 4 crossing, Torrington, US to headwaters @ Park Pond, Winchester. | River |
| CT6910-00_01 | Branch Brook_01 | 2.0 | From mouth at Naugatuck River, US to Black Rock Dam, Watertown-Thomaston. | River |
| CT6910-00_02 | Branch Brook_2 | 1.9 | From Black Rock Dam US to Wigwam Reservoir, Watertown-Thomaston. | River |
| CT6912-00_01 | STEELE BROOK_01 | 1.0 | From mouth at Naugatuck River in Waterbury US to Sherwood Medical (American Home Products) site near Municipal Stadium. | River |
| CT6912-00_02 | STEELE BROOK_02 | 3.7 | From Sherwood Medical site near Municipal Stadium US up to and including Heminway Pond. | River |
| CT6912-00_03 | STEELE BROOK_03 | 3.6 | From Heminway Pond US to headwaters. | River |
| CT6914-00_01 | MAD RIVER (WATERBURY)_01 | 1.7 | From mouth at Naugatuck River US to Rte 69 crossing (just US of Brass City Mall). | River |
| CT6914-00_02 | MAD RIVER (WATERBURY)_02 | 0.8 | Rte 69 crossing near Brass City Mall, Waterbury US to Scoville Ponds. | River |
| CT6914-00_03 | MAD RIVER (WATERBURY)_03 | 3.9 | From inlet to Scoville Ponds US to Scoville Reservoir. | River |
| CT6914-00_04 | MAD RIVER (WATERBURY)_04 | 3.9 | From Scoville Reservoir US to headwaters @ Cedar Swamp Pond. | River |
| CT6919-00_01 | BLADENS RIVER_01 | 0.6 | From mouth US to North Street crossing, @ upper end of industrial area. | River |
| CT6919-00_02 | BLADENS RIVER_02 | 3.8 | From North Street crossing, @ upper end of industrial area, US to headwaters. | River |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT6919-04_01 | Bladdens River Trib | 0.3 | From mouth at the Legion Pool in Seymour US to Bunting Road crossing. | River |
| CT6920-00_01 | LITTLE RIVER (SEYMOUR)_01 | 1.1 | From mouth US to inlet to 1st impoundment. | River |
| CT6920-00_02 | LITTLE RIVER (SEYMOUR)_02 | 2.8 | From inlet to 1st impoundment US to confluence with Jacks Brook. | River |
| CT6920-00_03 | LITTLE RIVER (SEYMOUR)_02 | 4.4 | From confluence with Jacks Brook US to headwaters. | River |
| CT7000-22_01 | Indian River_01 | 0.6 | From mouth at Burritt Cove, Saugatuck River Estuary, US to Rte 95 crossing, Westport. | River |
| CT7000-22_02 | Indian River_02 | 0.2 | From Rte 95 crossing, Westport, US to headwaters. | River |
| CT7105-00_01 | Pequonnock River - lower section | 1.4 | Tidal influence to Rt. 8 (upper end of Bunnells/Beardsley Park Pond), Bridgeport. | River |
| CT7105-00_02 | Pequonnock River | 2.1 | Rt. 8 (upper end of Bunnells Pond) US to 2000 ft. downstream of Beldon Brook at bridge off Rt. 127, Trumbull (just north of Rte 15 crossing). | River |
| CT7105-00_03 | PEQUONNOCK RIVER | 3.8 | Bridge off Rt. 127 (DS of Riverside Cemetary and 2000 ft. DS of Beldon Brook) US to Rt. 111, Trumbull. | River |
| CT7105-00_04 | PEQUONNOCK RIVER | 1.5 | Rt. 111 US to unnamed pond (impoundment) 0.5 miles north of Purdy Hill Road, Trumbull. | River |
| CT7105-00_05 | Pequonnock River | 2.5 | Unnamed pond north of Purdy Hill Road, Monroe, US to Stepney Pond, Monroe. | River |
| CT7106-00_01 | Rooster River | 5.4 | From mouth at Ash Creek, border of Fairfield and Bridgeport, US to headwaters, at Bridgport/Trumbull border. | River |
| CT7108-00_01 | MILL RIVER - Fairfield_01 | 2.8 | Dam on Perrys Millpond US to Samp Mortar Reservoir, Fairfield. | River |
| CT7108-00_02 | MILL RIVER - Fairfield/Easton_02 | 4.0 | Upper end of Samp Mortar Reservoir, Fair field US to Easton Reservoir, Easton; passes thru but does not include Lake Mohegan. | River |
| CT7108-00_03 | MILL RIVER - Easton/Monroe_03 | 3.3 | Upper end of Easton Reservoir to headwaters | River |
| CT7109-00_01 | Sasco Brook | 1.3 | Route 1 in Westport (Southport) US to Hulls Farm Road, below confluence with Great Brook. | River |
| CT7109-00_02 | Sasco Brook | 4.8 | Hulls Farm Road below Confluence with Great Brook, US to headwaters | River |
| CT7200-00_01 | SAUGATUCK RIVER | 0.8 | Dam on Lee Pond (end of Estuary) US to 0.2 miles DS of West Branch confluence, Westport. | River |
| CT7200-00_02 | SAUGATUCK RIVER | 5.9 | 0.2 miles DS of confluence with West Branch US to Saugatuck Reservoir Dam, Weston. | River |
| CT7200-00_03 | Saugatuck River | 3.6 | Saugatuck Reservoir US to confluence with Bogus Mountain Brook. | River |
| CT7200-00_04 | SAUGATUCK RIVER | 5.0 | From the confluence with Bogus Mountain Brook, Redding, US to Wataba Lake (headwaters), Ridgefield. | River |
| CT7202-00_01 | Aspetuck River | 5.1 | Confuence with Saugatuck River, US to Pfeiffer Pond, Weston, continuing on US to Aspetuck Reservoir, Easton. | River |
| CT7202-00_02 | Aspetuck River | 8.6 | From Aspetuck Reservoir US to headwaters in Newtown. | River |
| CT7203-00_01 | West Branch Saugatuck River_01 | 6.1 | From mouth at Saugatuck River, Westport, US to Godfrey Road crossing in Weston. | River |
| CT7203-00_02 | West Branch Saugatuck River_02 | 3.2 | From Godfrey Road crossing in Weston US to headwaterd. | River |
| CT7300-00_01 | NORWALK RIVER | 5.6 | Wall Street/Commerce Street crossing US to confluence with Bryant Brook (includes Winnipauk). | River |
| CT7300-00_02 | NORWALK RIVER | 5.6 | Confluence with Bryant Brook US to Old Mill Road, Wilton (bridge off Rt. 7 south of Georgetown). | River |
| CT7300-00_03 | NORWALK RIVER | 0.7 | From Old Mill Road US to Georgetown POTW. | River |
| CT7300-00_04 | NORWALK RIVER | 0.7 | Inlet to Factory Pond US to confluence with Cooper Pond Brook, Ridgefield. | River |
| CT7300-00_05 | NORWALK RIVER | 4.4 | Confluence with Cooper Pond Brook, Ridgefield, US to outlet of Little Pond and Ridgefield Brook. | River |
| CT7300-02_01 | Ridgefield Brook_01 | 1.0 | From confluence with outlet of Little Pond and head of Norwalk River US to Taylor Pond. | River |
| CT7300-02_02 | Ridgefield Brook_02 | 3.6 | From Taylor Pond US to to headwaters in Great Swamp, including Ridgefield POTW outfall. | River |
| CT7300-07_01 | Cooper Pond Brook - DS of Candees | 0.4 | From mouth at confluence with Norwalk River US to Candees Pond. | River |
| CT7300-07_02 | Cooper Pond Brook - US of Candees | 1.8 | From Candees Pond US to headwaters | River |
| CT7302-00_01 | Silvermine River_01 | 1.1 | From Mouth at Deering Pond US to Rt 15. | River |
| CT7302-00_02 | Silvermine River_02 | 4.8 | From Rt 15 US to Grupes Reservoir. | River |
| CT7302-13-trib_01 | Tributary to Belden Hill Brook | 1.5 | From mouth at Beldon Hill Brook below the South Norwalk Reservoir, US to headwaters (discharge from private STPI). | River |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT7401-00_01 | Fivemile River | 5.0 | From Amtrack crossing US to Old Norwalk Road (0.2 miles DS of POTW), New Canaan. | River |
| CT7401-00_02 | Fivemile River | 0.2 | Old Norwalk Road US to New Canaan POTW | River |
| CT7401-00_03 | Fivemile River | 1.4 | New Canaan POTW outfall US to unnamed tributary near Parade Hill Cemetary. | River |
| CT7401-00_04 | Fivemile River | 1.7 | From unnamed tributary US to headwaters (New Canaan Reservoir). | River |
| CT7403-00_01 | Noroton River | 2.7 | From Rt 1 (head of Holly Pond) US to southern end of St. John's Cemetary, Stamford. | River |
| CT7403-00_02 | Noroton River | 2.4 | From southwest corner of St. John's Cemetary US to Rt 15. | River |
| CT7403-00_03 | Noroton River | 3.6 | From Rt. 15 to headwaters. | River |
| CT7405-00_01 | RIPPOWAM RIVER_01 | 5.3 | From tidewater (dam US of Rt 1) US to West North Street, Stamford (0.6 miles) and from West North Street US to Rt. 15 (4.7 miles). | River |
| CT7405-00_02 | RIPPOWAM RIVER_02 | 2.0 | From Rt 15 US to North Stamford Reservoir. | River |
| CT7405-00_03 | RIPPOWAM RIVER_03 | 4.3 | From North Stamford Reservoir US to head waters at Siscowit Reservoir at NY border. This segment is fully within BHC drinking water watershed. | River |
| CT7407-00_01 | MIANUS RIVER_01 | 1.9 | From Mianus Pond outlet US to filtration plant, Stamford. | River |
| CT7407-00_02 | MIANUS RIVER_02 | 5.8 | From upper end of impoundment at filtration plant, Stamford to Bargh Reservoir (Mianus Reservoir on topo) at NY border. | River |
| CT7409-00_01 | Horseneck Brook | 5.2 | From mouth at Greenwich Harbor (Rte 95) us to outlet of Putnam Lake. | River |
| CT7410-00_01 | East Branch of Byram River_01 | 2.8 | From confuence with main stem of Byram River near Rt. 15, Riversville, US to Old Pond that is south (ds) of John Street, Greenwich | River |
| CT7410-00_02 | East Branch of Byram River_02 | 2.7 | From Old Pond (ds of John Streeet) US to NY border. | River |
| CT7411-00_01 | BYRAM RIVER_01 | 0.5 | From tidewater (Upland St, US of Rte 1) to Pemberwick dam at Glenville, just us of confluence with Pemberwick Brook. | River |
| CT7411-00_02 | BYRAM RIVER_02 | 6.9 | From Pemberwick Dam at Glenville US to NY border. | River |
| CT8101-00_01 | Quaker Brook | 4.7 | NY border, New Fairfield, us to NY border, Sherman | River |
| CT8104-00_01 | Titicus River | 3.0 | NY border to headwaters, Ridgefield. | River |
| CT1001-00-1-L1_01 | Wyassup Lake North Stonington | 92.4 | North central North Stonington, east of Rte 49. Headwaters of Wyassup Brook. | Lake |
| CT1002-00-1-L1_01 | Green Falls Reservoir Voluntown | 46.9 | SE Voluntown, east of Rte 49, south of Rte 138, in Pachaug State Forest | Lake |
| CT1100-00-1-L1_01 | Porter Pond | 10.4 | Headwaters of Wood River near Rhode Island border, Sterling. | Lake |
| CT2104-00-1-L1_01 | Lantern Hill Pond Ledyard, North Stonington | 15.1 | Border of Ledyard and North Stonington; now part of Mashentucket Reservation. | Lake |
| CT2104-00-1-L2_01 | Long Pond Ledyard, North Stonington | 98.6 | Ledyard, North Stonington border. | Lake |
| CT2205-00-1-L1_01 | Powers Lake East Lyme | 152.6 | East Lyme, Headwaters of Pataganset River. | Lake |
| CT2205-00-1-L2_01 | Pataganset Lake East Lyme | 123.0 | East Lyme, Pataganset River system. | Lake |
| CT2205-00-1-L3_01 | Gorton Pond East Lyme | 53.0 | East Lyme. Impoundment of Pataganset River. | Lake |
| CT2205-02-1-L1_01 | Dodge Pond East Lyme | 33.0 | East Lyme; near Niantic village center, east of Rte 161, north of Rte 156. | Lake |
| CT3002-02-1-L2_01 | Amos Lake Preston | 105.1 | East of Rte 164, Preston. | Lake |
| CT3002-04-1-L1_01 | Avery Pond Preston | 50.6 | East of Rte 164, north of Rte 2, Preston. | Lake |
| CT3002-06-1-L1_01 | Lake Of Isles North Stonington | 87.1 | Near western border of North Stonington, north of Rte 2. | Lake |
| CT3100-00-3-L1_01 | Eagleville Lake Mansfield | 80.0 | Impoundment of Willimantic River, just south of Mansfield Depot, along Mansfield/ Coventry border. | Lake |
| CT3101-03-1-L1_01 | Crystal Lake Ellington Stafford | 201.0 | Northeast section of Ellington, small part in southwestern section of Stafford. | Lake |
| CT3105-00-1-L1_01 | Waumgumbaug Lake Coventry | 378.0 | East - Central Coventry | Lake |
| CT3106-00-2_L2_01 | Crandau Pond | 2.5 | Cider Mill Road, Tolland (just north of Rte 84) | Lake |
| CT3108-02-1-L2_01 | Bolton Lake, Middle Vernon | 114.9 | Southeast section of Vernon. | Lake |
| CT3108-02-1-L3_01 | Bolton Lake, Lower Bolton - Vernon | 178.4 | Mostly in NE corner of Bolton, continues into SE corner of Vernon. | Lake |
| CT3108-13-1-L1_01 | Columbia Lake Columbia | 277.2 | NW Columbia | Lake |
| CT3109-01-1-L1_01 | Mono Pond Columbia | 94.8 | Southern Columbia, south of Rte 66. | Lake |
| CT3200-01-1-L1_01 | Halls Pond Eastford Ashford | 82.3 | SW corner of Eastford. | Lake |
| CT3201-01-1-L1_01 | Black Pond Woodstock | 73.4 | Eastern Woodstock, south of Rte 197. | Lake |
| CT3203-00-1-L1_01 | Mashapaug Lake Union | 297.1 | Northeastern Union near MA border. | Lake |
| CT3203-00-1-L2_01 | Bigelow Pond Union | 18.5 | DS of Mashapaug Lake in northern Union. | Lake |
| CT3206-00-1-L1_01 | Morey Pond Ashford, Union | 40.0 | Straddles Ashford - Union line and is split by Rte 84. | Lake |
| CT3300-00-3+L3_01 | North Grosvenordale Impoundment | 59.0 | Impoundment of French River in north central Thompson, near MA border. | Lake |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT3400-00-1-L1_01 | Little (schoolhouse) Pond Thompson | 65.4 | Norhteast corner of Thompson, near MA border. Headwaters of Fivemile River. | Lake |
| CT3400-00-2-L11_01 | Quaddick Reservoir Thompson | 466.8 | Southeast corner of Thompson; impoundment of the Fivemile River. | Lake |
| CT3404-01-1-L1_01 | Killingly Pond Killingly | 137.5 | Norhteast corner of Killingly on RI border; a little over half of the lake is within CT. | Lake |
| CT3502-07-1-L1_01 | Moosup Pond Plainfield | 97.2 | Northeast section of Plainfield. | Lake |
| CT3600-00-1-L1_01 | Beach Pond Voluntown | 394.3 | Eastern border of Voluntown with RI. | Lake |
| CT3600-00-3-L1_01 | Glasgo Pond Griswold | 184.2 | Impoundment of Pachaug River, at border of Griswold and Voluntown. Includes lake section also known as Doaneville Pond. | Lake |
| CT3600-00-3-L3_01 | Beachdale Pond Voluntown | 46.0 | Impoundment of Pachaug River, Voluntown; US of Glasgo and DS of Beach Ponds. | Lake |
| CT3600-00-3-L7_01 | Pachaug Pond Griswold | 830.9 | Impoundment of Pachaug River, eastern Griswold. | Lake |
| CT3600-00-3-L8_01 | Hopeville Pond Griswold | 149.4 | Impoundment of Pachaug River, Griswold; ds of Pachaug Pond. | Lake |
| CT3605-00-1-L1_01 | Billings Lake North Stonington | 105.1 | North central North Stonington. | Lake |
| CT3605-01-1-L1_01 | Anderson's Pond North Stonington | 54.3 | North central North Stonington | Lake |
| CT3700-00-2+-L1_01 | West Thompson Lake Thompson | 195.0 | Impoundment of Quinebaug River in Thompson. | Lake |
| CT3700-00-5+-L3_01 | Wauregan Pond Killingly | 68.0 | Southwestern corner of Killingly. | Lake |
| CT3700-00-5+-L4_01 | Aspinook Pond Canterbury, Griswold, Lisbon | 333.3 | Impoundment of Quinebaug River, parts in Canterbury, Griswold, & Lisbon (DS of Segment 02 in Quinebaug River) | Lake |
| CT3700-23-1-L1_01 | Alexander Lake | 190.4 | Dayville section of Killingly. | Lake |
| CT3705-00-1-L1_01 | Griggs Pond Woodstock | 43.0 | Northwest corner of Woodstock. | Lake |
| CT3708-00-1-L1_01 | Roseland Lake Woodstock | 88.0 | Southeast section of Woodstock. | Lake |
| CT3800-00-6+L3_01 | Spaulding Pond | 14.3 | Mohegan Park, Norwich (Mohegan Park Rd) | Lake |
| CT3805-00-3-L6_01 | Papermill Pond | 77.2 | Impoundment of Little River, Sprague. | Lake |
| CT3805-00-3-L7_01 | Versailles Pond | 57.2 | Impoundment of Little River, southeast corner of Sprague. | Lake |
| CT3900-00_01pd & trib_01 | Yantic pond & tributary - Norwich Landfill | 0.6 | From mouth at Yantic River (approximately 100 m US of Rte I-395 crossing of Yantic River, Norwich) Us to US boundary of Landfill Influence. | Lake |
| CT3900-00-4-L1_01 | Fitchville Pond Bozrah | 71.1 | Split by Rte 2 in Bozrah, impoundment of Yantic River. | Lake |
| CT3900-01-1-L1_01 | Red Cedar Lake Lebanon | 141.0 | South corner of Lebanon. | Lake |
| CT3906-00-1-L1_01 | Gardner Lake Salem, Montville, Bozrah | 486.8 | At junction of Salem, Montville and Bozrah. | Lake |
| CT4000-40-1-L1_01 | Great Hill Pond Portland | 77.5 | Great Hill Pond Road, Portland, 0.75 miles due north of Rt. 66, near East Hampton border. | Lake |
| CT4009-00-2-L4_01 | Angus Park Pond | 9.4 | Impoundment of Roaring Brook, east of Rte 83 Glastonbury. | Lake |
| CT4010-00-1-L1_01 | 1860 Reservoir (Griswold Pond) Wethersfield | 35.0 | Highland St, Wethersfield, near Rocky Hill border; head of Goff Brook. | Lake |
| CT4013-05-1-L1_01 | Crystal Lake Middletown | 35.5 | South of Randolph Road, Middletown. | Lake |
| CT4013-08-1-L1_01 | Dooley's Pond Middletown | 28.0 | East of Rt 17, Middletown, 1.5 miles South of Randolph Rd. | Lake |
| CT4014-03-2-L1_01 | Higganum Reservoir Haddam | 32.0 | West of Rt 81 just south of Higganum center. | Lake |
| CT4017-03-1-L3_01 | Pattaconk Reservoir Chester | 55.5 | 1.25 miles north of Rt 148, Cockaponset State Forest, Chester. | Lake |
| CT4017-03-1-L4_01 | Cedar Lake Chester | 68.0 | North of Rt. 148, Chester. | Lake |
| CT4019-00-1-L3_01 | Messerschmidt's Pond | 70.0 | Rt 145 Westbrook; straddles Westbrook/Deep River border. | Lake |
| CT4019-00-1-L4_01 | Wright's Pond Deep River, Essex, Westbrook | 37.0 | Meeting point of Westbrook, Deep River and Essex. | Lake |
| CT4020-06-1-L1_01 | Rogers Lake Lyme, Old Lyme | 264.9 | Lyme - Old Lyme border. | Lake |
| CT4300-00-1+-L1_01 | Colebrook River Reservoir Colebrook | 736.0 | Northeast corner of Colbrook, extends slightly into MA and Hartland. | Lake |
| CT4300-00-5+-L5_01 | Rainbow Reservoir Windsor | 235.0 | Northwest corner of Windsor. Impoundment of the Farmington River. | Lake |
| CT4300-05-1-L2_01 | Howell's Pond Hartland | 17.3 | Northwest corner of Hartland, Dish Mill Road. | Lake |
| CT4302-16-1-L1_01 | Highland Lake Winchester | 444.0 | Southeast corner of Winchester. | Lake |
| CT4303-02-1-L1_01 | Burr Pond Torrington | 85.0 | South of Burr Mountain Rd, Northeast corner of Torrington. | Lake |
| CT4305-00-1-L1_01 | West Hill Pond New Hartford | 238.0 | Northwest corner of New Hartford. | Lake |
| CT4308-00-1-L2_01 | Compensating Reservoir (McDonough) Barkhamsted New Hartford | 387.0 | Southeast Barkhamsted - northeast New Hartford. | Lake |
| CT4315-05-1-L1_01 | Birge Pond | 10.8 | West of Rt 69 and Pond Street, Bristol | Lake |
| CT4315-10-1-L1_01 | Pine Lake (Malone's Pond) | 12.0 | East Bristol, south of Pine Street | Lake |
| CT4318-03-1-L1_01 | Stratton Brook Park Pond | 2.4 | Small impoundment of Stratton Brook, Simsbury; south of Rte 309. | Lake |
| CT4321-00-1-L2_01 | Barber Pond, Bloomfield | 9.4 | NE corner of Bloomfield, near Windsor border, N of Newberry Road. | Lake |
| CT4401-00-1-L1_01 | Batterson Park Pond Farmington New Britain | 162.7 | Southeast Farmington - northeastern border of New Britain. | Lake |
| CT4402-04-2-L1_01 | Mill Pond - Newington | 2.8 | Municipal park in Newington; S of Rt 175 near intersection of Rts 175 and 176 | Lake |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT4500-00-1-L1_01 | SHENIPSIT LAKE | 522.8 | At meeting point of Ellington, Vernon and Tolland. CT Water Company watershed. | Lake |
| CT4500-00-3-L3_01 | Union Pond | 50.0 | Impoundment of Hockanum River in Manchester at Union Street. | Lake |
| CT4500-14-1-L1_01 | Center Spring Park Pond | 6.1 | Center of Manchester, impoundment of Bigalow Brook. | Lake |
| CT4601-00-1-L2_01 | Silver Lake Berlin Meriden | 151.0 | Southeast corner of Berlin, extending slightly into northeast Meriden. | Lake |
| CT4607-10-1-L1_01 | Beseck Lake Middlefield | 119.6 | East central Middlefield. | Lake |
| CT4607-13-0-L1_01 | Wadsworth Falls Park Pond | 1.4 | Small pond within Wadsworth Falls State Park, between mouths of Laurel Brook and Wadsworth Brook, Middlefield. | Lake |
| CT4700-02-1-L1_01 | Day Pond | 7.4 | Impoundment and headwaters of Day Pond Brook. Day Pond Road, Colchester (east of Rte. 149). | Lake |
| CT4704-00-1-L3_01 | Babcock Pond Colchester | 146.7 | South of Rt 16, southeastern Colchester. Within Babcock Pond Wildlife Management Area. | Lake |
| CT4705-00-1-L1_01 | Holbrook Pond Hebron | 72.5 | Northeast corner of Hebron; northeast of Rt 85. | Lake |
| CT4707-00-2-L2_01 | Gay City Pond | 5.1 | Gay City State Park. Impoundment of Black Ledge River. NW corner of Hebron. | Lake |
| CT4708-00-1-L1_01 | Terramuggus, Lake Marlborough | 83.0 | Intersection of Routes 2 & 66, northwest corner of Marlborough. | Lake |
| CT4709-04-1-L1_01 | Pocotopaug, Lake East Hampton | 511.7 | North of Rt 66, East Hampton. | Lake |
| CT4710-00-1-L1_01 | Bashan Lake East Haddam | 276.3 | North Central East Haddam, drains to Moodus Reservoir. | Lake |
| CT4710-00-1-L2_01 | Moodus Reservoir East Haddam | 451.0 | Northeast East Haddam. | Lake |
| CT4710-06-1-L1_01 | Pickerel Lake Colchester | 88.6 | Southeast corner of Colchester, extending slightly into E. Haddam. Drains to Moodus Reservoir | Lake |
| CT4800-04-1-L1_01 | Lake Hayward East Haddam | 198.9 | Northeast corner of East Haddam. | Lake |
| CT4800-10-1-L1_01 | Norwich Pond Lyme | 27.5 | Southeast corner of Lyme, located within Nehantic State Forest. Drains to Uncas Lake. | Lake |
| CT4800-16-1-L2_01 | Uncas Lake Lyme | 69.0 | Southeast Lyme, located within Nehantic State Forest. | Lake |
| CT5105-00-2-L1_01 | Schreeder Pond | 4.0 | Chatfield Hollow State Park. Impoundment of Chatfield Hollow Brook, US of Rte 80 crossing, Killingworth. | Lake |
| CT5105-00-2-L2_00 | FORSTER POND | 28.6 | South of Rt. 80, across from Chatfield Hollow State Park, Killingworth. | Lake |
| CT5110-04-1-L1_01 | Quonnipaug Lake Guilford | 111.6 | Guilford just east of Rt 77, 2 miles north of Rt 80. | Lake |
| CT5111-09-1-L1_01 | Cedar Pond North Branford | 21.8 | South of Lake Gaillard, North Branford, just upstream of Linsley Pond along Pisgah Brook (trib to Branford River). | Lake |
| CT5111-09-1-L2_01 | Linsley Pond North Branford | 23.3 | South of Lake Gaillard, North Branford, just downstream of Cedar Pond along Pisgah Brook (trib to Branford River). Linsley Pond straddles Branford-North Branford town line. | Lake |
| CT5111-09-2-L3_01 | Branford Supply Pond - West(Pisgah & Pine Gutter Brook) | 9.5 | West Branford Supply Pond receives water from Pisgah Brook & Pine Gutter Brooks, and discharges to East Branford Supply Pond. (east of Lake Saltonstall, north of I95). | Lake |
| CT5111-09-2-L3_02 | Branford Supply Pond - East | 17.2 | West Branford Supply Pond receives water from Pisgah Brook and Pine Gutter Brook, and discharges to East Branford Supply Pond. (east of Lake Saltonstall, north of I95) | Lake |
| CT5200-00-4-L2_01 | Hanover Pond Meriden | 73.0 | Southwest corner of Meriden, impoundment along Quinnipiac River below Gorge. | Lake |
| CT5206-01-1-L2_01 | Black Pond Meriden Middlefield | 75.6 | On Meriden-Middlefield line near Rt 66. | Lake |
| CT5207-00-1-L1_01 | North Farms Reservoir Wallingford | 62.5 | 0.5 miles west of Rt. 91, north side of Rt. 68, Wallingford. Headwaters of Wharton Brook. | Lake |
| CT5207-02-1-L1_01 | Allen Brook Pond | 4.8 | Wharton Brook State Park. Impoundment off Allen Brook, near mouth and confluence with Wharton Brook; Wallingford/North Haven boundary. | Lake |
| CT5302-00-4-L3_01 | Lake Whitney | 178.0 | Impoundment of Mill River, Hamden. East of Rt. 10. | Lake |
| CT5305-00-3-L1_01 | Edgewood Park Pond | 2.7 | Along eastern bank of West River, just US of Chapel St, New Haven. | Lake |
| CT6000-00-5+-L1_01 | Lillinonah, Lake Southbury, Bridgewater | 1900.0 | Impoundment of Houatonic River; Southbury, Bridgewater along east bank, Brookfield along west bank. | Lake |
| CT6000-00-5+-L2_01 | Zoar, Lake Monroe, Newtown, Oxford, Southbury | 650.0 | From Stevenson Dam US to Riverside. | Lake |
| CT6000-00-5+-L2_02 | Zoar, Lake Monroe, Newtown, Oxford, Southbury | 325.0 | From Riverside US about 5 miles to Shepaug dam. | Lake |
| CT6000-00-5+-L4_01 | Housatonic, Lake Shelton | 328.2 | First major impoundment of Housatonic River at Derby Dam. | Lake |
| CT6000-88-1-L1_01 | Brewsters Pond | 4.0 | Stratford, east of Main Street (Rte 113). | Lake |
| CT6002-00-1-L1_01 | East Twin Lake (Washining Lake) Salisbury | 562.2 | Northestern Salisbury | Lake |
| CT6005-00-1-L1_01 | Wononscopomuc, Lake (Lakeville L.) Salisbury | 352.6 | South central Salisbury. | Lake |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT6005-04-1-L1_01 | Riga Lake Salisbury | 169.5 | Northwestern Salisbury near NY border. | Lake |
| CT6008-00-1-L1_01 | Cream Hill Pond Cornwall | 72.0 | Northeastern Cornwall. | Lake |
| CT6016-00-1-L2_01 | Leonard Pond Kent | 15.0 | Central Kent, headwaters of Womenshenuck Brook. | Lake |
| CT6016-00-1-L3_01 | Hatch Pond Kent | 61.0 | South central Kent, DS of Leonard Pond along Womenshenuck Brook. | Lake |
| CT6018-00-1-L1_01 | Taunton Pond Newtown | 126.0 | Central Newtown. | Lake |
| CT6023-00-1-L1_01 | Quassapaug, Lake Middlebury | 271.0 | Northwestern Middlebury; headwaters of Eightmile Brook. | Lake |
| CT6100-04-1-L1_01 | Wood Creek Pond Norfolk | 151.0 | North-central Norfolk, near MA border; headwaters of Wood Creek. | Lake |
| CT6301-00-2-L1_01 | Wononpakook, Lake (Long Pond) Salisbury | 164.0 | Southwestern Salisbury. | Lake |
| CT6301-00-2-L2_01 | Mudge Pond Sharon | 201.0 | Northwest Sharon. | Lake |
| CT6400-00-1-L5_01 | Candlewood, Lake Danbury New Milford | 5420.0 | Parts of Brookfield, Danbury, New Milford, New Farfield, & Sherman. | Lake |
| CT6400-03-L1_01 | Squantz Pond New Fairfield | 288.0 | Northeast corner of New Fairfield; a large cove of Candlewood Lake. | Lake |
| CT6402-00-1-L1_01 | Ball Pond New Fairfield | 89.9 | New Fairfield | Lake |
| CT6500-00-1-L1_01 | South Spectacle Pond Kent | 93.0 | East central Kent at headwaters of the West Aspetuck River. | Lake |
| CT6502-00-1-L2_01 | Waramaug, Lake Kent, Warren, Washington | 680.2 | Southwest corner of Warren, Northwest corner of Washington; headwaters of East Aspetuck River. | Lake |
| CT6600-01-1-L3_01 | Kenosia, Lake Danbury | 56.0 | Impoundment of Still River, Danbury. | Lake |
| CT6700-03-1-L2_01 | Mohawk Pond Goshen | 15.2 | Goshen - Cornwall boundary within Mohawk State Forest. | Lake |
| CT6701-00-1-L1_01 | Tyler Lake Goshen | 182.0 | West central Goshen; headwaters of Marshepaug River. | Lake |
| CT6701-01-1-L1_01 | West Side Pond Goshen | 42.4 | West central Goshen; drains to West Side Pond Brook to Tyler Lake | Lake |
| CT6703-00-2-L1_01 | Dog Pond Goshen | 71.3 | South central Goshen; along West Branch of Bantam River | Lake |
| CT6705-00-3-L3_01 | Bantam Lake Litchfield Morris | 916.0 | Litchfield, Morris | Lake |
| CT6705-14-1-L1_01 | Mount Tom Pond Litchfield, Morris | 61.5 | Northwest corner of Morris, southwest corner of Litchfield, within Mount Tom State Park. | Lake |
| CT6804-02-1-L1_01 | Long Meadow Pond Bethlehem | 110.5 | North central Bethlehem, borders Morris. | Lake |
| CT6904-00-3-L1_00 | Stillwater Pond Torrington | 95.0 | Impoundment of West Branch of the Naugatuck River, Torrington; east of Rte 272. | Lake |
| CT6905-00-1-L3_01 | Winchester Lake Winchester | 229.0 | | Lake |
| CT6905-00-1-L4_01 | Park Pond Winchester | 76.7 | Southwest corner of Winchester; drains to East Branch of Naugatuck River | Lake |
| CT6909-00-2-L1_01 | Northfield Brook Lake | 5.3 | Impoundment of Northfield Brook, northeast corner of Thomaston. | Lake |
| CT6910 -14--1-L3_01 | Black Rock Lake | 9.5 | Impoundment of Purgatory Brook (trib to Branch Brook), Thomaston; west of Rte 6. | Lake |
| CT6912-05-1-L2_01 | Winnemaug, Lake Watertown | 120.0 | Southwest Watertown. | Lake |
| CT6914-06-1-L2_01 | Hitchcock Lake Wolcott | 118.4 | Southeast corner of Wolcott, near Cheshire border. | Lake |
| CT6916-00-3-L4_01 | Hop Brook Lake | 25.8 | Impoundment of Hop Brook, Middlebury. | Lake |
| ct7103-00-2-L3_01 | Success Lake | 16.0 | US of Stillman Pond, Pembroke Lakes & Yellowmill Channel, Bridgeport. | Lake |
| CT7103-00-2-L4_01 | Stillman Pond | 5.0 | Upstream of Yellow Mill Channel, Bridgeport. Downstream of Success Lake. | Lake |
| CT7103-00-2-L5_01 | Pembroke Lakes | 2.0 | Just upstream of Yellow Mill Channel, Bridgeport. Downstream of Stillman Pond. | Lake |
| CT7105-10-1-L2_01 | Lake Forest | 66.6 | Headwaters of Island Brook, a tributary to the Pequonnock River, Bpt. | Lake |
| CT7108-00-3-L3_01 | Lake Mohegan | 15.0 | Impoundment of Mill River, Fairfield; upstream of Samp Mortar Reservoir | Lake |
| CT7409-00-1-L3_01 | Putnam Lake | 105.0 | Impoundment of Horseneck Brook, just south of Rt. 15, Greenwich. | Lake |
| CT8104-00-1-L5_01 | Mamanasco Lake Ridgefield | 95.0 | Northwest Ridgefield. | Lake |
| CT1000-E_01 | PAWCATUCK RIVER ESTUARY | 0.1 | Upper part of estuary from Stanton Weir Point US to head of tide. | Estuary |
| CT1000-E_02 | PAWCATUCK RIVER ESTUARY | 0.3 | CT portion of Pawcatuck River estuary from Stanton Weir Point to Pawcatuck Point. | Estuary |
| CT2001-E_01 | STONINGTON HARBOR | 1.6 | SB waters of harbor south of Amtrak. Portion of SA waters offshore, which are open for direct shellfishing. | Estuary |
| CT2001-E_02 | STONINGTON HARBOR | 0.8 | 0.4 sq mi of SB/SA waters north of Amtrak line, closed to direct harvest; 0.4 sq mi of SA water offshore. | Estuary |
| CT2002-E_01 | Offshore from West Cove | 0.8 | Waters extendinng offshore from West and Palmer Covers (offshore from a line between Groton Long Point and Morgan Point, Noank). All SA. | Estuary |
| CT2002-E_02 | West and Palmer Coves | 0.6 | West and Palmer Coves, as enclosed by a line drawn between Groton Long Point to Morgan Point, Noank. West Cove, SB/SA. Palmer Cove & offshore from SA. | Estuary |
| CT2003-E_01 | MUMFORD COVE | 2.0 | Mumford Cove and offshore waters | Estuary |
| CT2004-E_01 | ALEWIFE COVE | 0.1 | Alewife Cove, Waterford. | Estuary |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT2005-E_01 | GOSHEN COVE | 0.0 | West of Goshen Point, Waterford, adjacent to Harkness Memorial State Park. | Estuary |
| CT2006-E_01 | LONG ISLAND SOUND EAST - OFFSHORE_01 | 21.6 | Offshore portion of Long Island Sound in Southeast Coastal, Thames River and Connecticut River Major Basins out to 50 ft contour. | Estuary |
| CT2006-E_02 | LONG ISLAND SOUND EAST - OFFSHORE_02 | 35.0 | Offshore portion of Long Island Sound in Southeast Coastal, Thames River and Connecticut River Major Basins, from 50 ft contour to state line. | Estuary |
| CT2006-E_03 | Long Island Sound East - Old Lyme shore_03 | 0.2 | Nearshore Old Lyme, Soundview Beach to Old Lyme Shores Beach. | Estuary |
| CT2101-E_01 | WEQUETEQUOCK COVE | 2.0 | Wequetequock Cove, Stonington Point and offshore area. INCLUDES AREAS OF LITTLE NARRAGANSETT BAY. | Estuary |
| CT2102-E_01 | Outer Quiambaug Cove | 3.4 | Nearshore waters from tip of Masons Island (Enders Island) east to Wamphassuc Point Stonington, excluding coves and inlets. | Estuary |
| CT2102-E_02 | Inner Quaimbaug Cove | 0.6 | Quiambaug Cove (SB/SA) north of Amtrak, mouth of Quaimbaug Cove, and coves and inlets from Mason's Island east to Wamphassuc Point(SA). | Estuary |
| CT2106-E_01 | MYSTIC RIVER ESTUARY | 3.4 | Offshore area from a line drawn between Morgan Point, Noank and the tip of Mason's Island. | Estuary |
| CT2106-E_02 | MYSTIC RIVER ESTUARY | 0.6 | All of Mystic River Estuary north of a line drawn between Morgan Point, Noank and Mason's Island. | Estuary |
| CT2107-E_01 | Poquonuck River Estuary/Baker Cove | 1.1 | Poquonock River estuary, Baker Cove and Pine Island Bay plus offshore area from Bushy Point Beach and Bluff Point.. | Estuary |
| CT2107-E_02 | Offshore of Eastern, Avery & Bushy Points | 0.9 | Waters offshore from Easten Point east to Bushy Point Beach, excludes Pine Island Bay. | Estuary |
| CT2201-E_01 | JORDAN COVE | 1.1 | Cove and offshores waters Between Millstone and Seaside Points, Waterford. | Estuary |
| CT2204-E_01 | Niantic Bay - SW corner | 0.2 | Small area adjacent to Pond Point and McCook Point, Niantic, north to RR tracks, excluding area immediately adjacent to Crescent Beach. | Estuary |
| CT2204-E_02 | Niantic Bay - upper bay & river | 0.3 | Niantic River, Gold Spur area. | Estuary |
| CT2204-E_03 | Niantic Bay and offshore | 4.0 | Niantic River, Niantic Bay and offshore, excluding 0.2 sq mi near shore between Pond Point north to RR tracks, Niantic. | Estuary |
| CT2206-E_01 | Bride Brook Estuary | 0.0 | Bride Brook estuary portion; from Rte 156 to mouth. | Estuary |
| CT2206-E_02 | Pattagansett/Fourmile River & coast | 2.3 | Pattagansett River and Fourmile River estuaries; nearshore and offshore area from Hatchett Point east to Black Point. | Estuary |
| CT3000-E_01 | THAMES RIVER ESTUARY | 8.6 | Most of Thames River and offshore, excluding upper reach from Norwich harbor ds to Poquetanuck Cove, Poquetanuck Cove, Trading Cove, Horton Cove, areas adjacent to sub base and lower section of river. | Estuary |
| CT3000-E_02 | THAMES RIVER ESTUARY | 2.3 | Areas adjacent to Navy sub base in Groton, Horton Cove in Montville, and lower section of river, Gold Star bridge to mouth. | Estuary |
| CT3000-E_03 | THAMES RIVER ESTUARY | 1.5 | Norwich Harbor ds to Poquetanuck Cove, Poquetanuck Cove and Trading Cove. | Estuary |
| CT4000-E_01 | CONNECTICUT RIVER ESTUARY | 2.8 | From mouth of Ct. River US to and including South Cove; then across river and US along east bank just beyond mouth of Lieutenant River. (Blackhall & Lieutenant Rivers, Old Lyme assessed separately this cycle). | Estuary |
| CT4000-E_02 | CONNECTICUT RIVER ESTUARY | 9.3 | From South Cove, Old Saybrook(west bank) and mouth of Lieutenant River (east bank) US to outlet of Chapmans Pond, East Haddam. | Estuary |
| CT4020-E_01 | Lieutenant River (Estuary)_01 | 0.0 | From mouth at head of Great Island on the CT River US to Rte 156, Old Lyme. | Estuary |
| CT4020-E_02 | Lieutenant River (Estuary)_02 | 0.1 | From Rte 156 US to Saunders Hollow Road (fall line), Old Lyme. | Estuary |
| CT4021-E_01 | Black Hall River (estuary)_01 | 0.1 | From mouth at confuence with Back River US to Shore Road, Old Lyme. | Estuary |
| CT4021-E_02 | Black Hall River (estuary)_02 | 0.0 | From Shore Road US to Sawmill Brook, Old Lyme. | Estuary |
| CT5001-E_01 | MADISON BEACHES_01 | 3.3 | Nearshore & offshore from Circle Beach and Hogs Head Pt, near Guilford, east to Tuxis Island & Gull Rock, Madison (excluding restricted relay and conditonal shellfish areas adjacent to shore-segment 02 & 03). | Estuary |
| CT5001-E_02 | MADISON BEACHES_02 | 1.6 | Nearshore from Chipman Pt east to Gull Rock/Tuxis Isl. (excluding areas immediately adjacent to shore east of Chipman Pt and east of Madison Surf Club). Near and offshore from Gull Rock east to Webster Pt. (excluding area near mouth of Fence Crk). | Estuary |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT5001-E_03 | MADISON BEACHES_03 | 1.6 | Near & offshore from Webster Point to Hammonassett Point (plus small areas of restricted relay near mouth of Fence Crk, plus areas immediately adjacent to shore at Circle Beach & east of Chipman Pt. & Madison Surf Club). | Estuary |
| CT5002-E_01 | ISLAND BAY/JOSHUA COVE-nearshore | 0.4 | Island Bay, Island Creek and Joshua Bay, Guilford. | Estuary |
| CT5002-E_02 | ISLAND BAY/JOSHUA COVE-offshore | 1.8 | Offshore area from Clark Point on Leetes Island, Branford, to Sachem Head, Guilford. | Estuary |
| CT5003-E_01 | THIMBLE ISLANDS | 1.1 | Jupiter Point, Pleasant Point sections of Stony Creek, and all tidal creeks/rivers leading to Stony Creek. | Estuary |
| CT5003-E_02 | THIMBLE ISLANDS | 1.1 | Very eastern nearshore area of Stony Creek (just west of Leetes Island). | Estuary |
| CT5003-E_03 | THIMBLE ISLANDS-offshore | 2.6 | Near & offshore from Indian Neck to Brown Point, Branford; then offshore of Stony Creek . | Estuary |
| CT5004-E_01 | LONG ISLAND SOUND CENTRAL - OFFSHORE_01 | 65.0 | Includes waters off New Haven, East Haven, and then eastern Madison Clinton, Westbrook & Old Saybrook (excludes Branford, Guilford and western Madison) off shore to 50 foot contour. | Estuary |
| CT5004-E_02 | LONG ISLAND SOUND CENTRAL - OFFSHORE_02 | 50.0 | Western offshore portion of Central Long Island Sound segment (Milford, West Haven, New Haven), beyond 50 foot contour. | Estuary |
| CT5004-E_03 | LONG ISLAND SOUND CENTRAL - OFFSHORE_03 | 75.2 | Water offshore waters from Branford, Guilford, western Madison, to 50 foot contour. Also includes open shellfish beds offshore of Milford out to 50 foot depth contour. | Estuary |
| CT5004-E_04 | LONG ISLAND SOUND CENTRAL - OFFSHORE_04 | 65.0 | Offshore of Branford, Guilford, Madison, Clinton, Westbrook & Old Saybrook, from 50 foot depth contour to state line (includes old segment 06). | Estuary |
| CT5101-E_01 | PLUM BANK/INDIAN HARBOR | 1.0 | Old Kelsey Point, Westbrook, east to Cornfield Point, Old Saybrook (includes Indiantown Harbor & Plum Bank Beach) | Estuary |
| CT5102-E_01 | PATCHOGUE RIVER/MENUNKETESUCK RIVER | 3.5 | Tidal portions of Patchogue & Menunketesuck Rivers, Westbrook  Offshore area from Kelsey Point, Clinton, east to Old Kelsey Point, Westbrook. | Estuary |
| CT5106-E_01 | Upper Hammonasset, Indian and Hammock Rivers. | 0.1 | Tidal portion of Hammonassett River & Indian River above Rte 1.  Hammock River above Hammock Rd.  Cedar Island Marina area in Clinton Harbor.. | Estuary |
| CT5106-E_02 | HAMMONASSETT RIVER/Hayden Creek | 0.0 | Hayden Creek, tributary to Hammonassett River, near mouth.  Originates near Rte 1 & Grove Street, Clinton. | Estuary |
| CT5106-E_03 | Lower Hammonasset River/Inner Clinton Harbor | 0.3 | Inner Clinton Harbor; Hammonasset and Indian Rivers up to Rte 1; Hammock River up to Hammock Rd. Exclude Cedar Island Marina area. | Estuary |
| CT5106-E_04 | CLINTON HARBOR-offshore | 1.8 | Offshore from Cedar Island east to Kelsey Point. | Estuary |
| CT5110-E_01 | GUILFORD HARBOR | 0.3 | Inner harbors and estuaries from Sachem's Head east to Hogshead Point, including Guilford Harbor. | Estuary |
| CT5110-E_02 | GUILFORD HARBOR | 2.8 | Nearshore Guilford waters from Sachems Head east to Hogshead Point, excluding restricted and prohibited areas (segment 01). | Estuary |
| CT5111-E_01 | BRANFORD HARBOR | 0.3 | Inner Branford Harbor and tidal portions of the Branford River and Farm River. | Estuary |
| CT5111-E_02 | BRANFORD HARBOR | 4.6 | From Mansfield Point, East Haven east to Branford Point and Indian Neck, & offshore waters (excludes inner Branford Harbor Segment 01). | Estuary |
| CT5200-E_01 | New Haven - Inner Harbor/Mill, Q & West Rivers | 4.2 | Inner New Haven Harbor (bounded by Morse Park, W. Haven, and Black Rock, E. Haven) and tidal portions of the Quinnipiac, Mill & West Rivers. | Estuary |
| CT5200-E_02 | New Haven Harbor - West Haven shore/Cove & Oyster Rivers | 0.6 | From mouth of Oyster River along West Haven shore to Morse Park/Sandy Point, West Haven, and tidal portions of Cove & Oyster Rivers. | Estuary |
| CT5200-E_03 | New Haven Harbor - Outer Harbor / Morris Cove | 6.7 | Oyster River Point, West Haven, east across harbor to Black Rock, E. Haven, then out to Morgan Pt and outer NH breakwater (includes Morris Cove). | Estuary |
| CT5200-E_04 | New HavenHarbor Offshore_04 | 7.0 | Merwin Point, Milford, east to Mansfield Point, East Haven and a band of water comprising 7 sq. miles south of outer New Haven breakwater. | Estuary |
| CT5200-E_05 | New Haven harbor Offshore_05 | 6.6 | From Pond Point, Milford, due east to a point 2 miles south of Mansfield Point, East Haven and inshore to meet segment 04. | Estuary |
| CT5306-E_01 | MILFORD HARBOR/GULF POND | 0.4 | Milford Harbor, Gulf Pond and tidal portions of the Wepawaug and Indian Rivers. | Estuary |
| CT5306-E_02 | MILFORD - THE GULF_02 | 0.5 | The Gulf bounded by Charles Island and Welches Point, Milford (excluding a central parcel of SB/SA - segment 03). | Estuary |
| CT5306-E_03 | Milford - The Gulf_03 | 0.5 | This parcel of water in the Gulf is classified as SB/SAand is surrounded on three sides by segment 02. | Estuary |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT6000-E_01 | Housatonic River Estuary - Upper | 0.5 | Upper tidal portion of Housatonic River; from Rte 15 crossing US to end of saltwater at northern tip of Wooster Island. | Estuary |
| CT6000-E_02 | Housatonic River Estuary - lower | 2.2 | Lower tidal portion of Housatonic River, from Rte 15 crossing DS to mouth; segment excludes 0.44 sq mi comprising eastern section of mouth (see segment 04), and a small (0.1 sq mi) area along western shore from Ferry Crk DS to Crimbo Pt. | Estuary |
| CT6000-E_03 | Housatonic River Estuary - Ferry Creek & shore | 0.1 | Near coastal areas of lower Housatonic River estuary on western shore, from and including Ferry Creek DS to Crimbo Pt. and Marine Basin at head of Short Beach. | Estuary |
| CT6000-E_04 | Housatonic River Estuary - mouth | 0.4 | Eastern portion of River mouth, from Milford Point to Wildermere Beach. | Estuary |
| CT6000-E_05 | Housatonic River Estuary - offshore Lordship | 2.6 | From Point No Point east to Lordship Point (Lordship Beach area) along coast, extending about 2 miles offshore (triangular segment). | Estuary |
| CT7001-E_01 | INNER BRIDGEPORT HARBOR/LEWIS GUT | 1.4 | Inner Bridgeport Harbor out to harbor entrance buoys. Includes Yellow Mill Channel (7103), Lewis Gut (7101) & estuaries of Johnson Creek (7102), Bruce Brook (7102), Island Brook (7105), & the Pequonnock River(7105). | Estuary |
| CT7002-E_01 | OUTER BRIDGEPORT HARBOR_01 | 8.8 | From Pine Creek Point, Fairfield, east to Point No Point, Stratford, along coast and extending about 0.5 miles offshore. | Estuary |
| CT7002-E_02 | OUTER BRIDGEPORT HARBOR_02 | 8.8 | 0.5 miles offshore from Pine Creek Point, Fairfield, east to 0.5 miles offshore of Point No Point, Stratford and south to 1.5 miles offshore of Point No Point (Outer Waters of Bridgeport). | Estuary |
| CT7003-E_01 | BLACKROCK HARBOR | 0.4 | Black Rock Harbor, Burr Creek & Cedar Creek, bounded by Grove Hill & Fayerweather Island. | Estuary |
| CT7004-E_01 | SHERWOOD MILLPOND/COMPO COVE- pond | 0.5 | Sherwood Millpond and upper Compo Cove, west of Sherwood Island State Park, Westport. | Estuary |
| CT7004-E_02 | SHERWOOD MILLPOND/COMPO COVE-cove | 0.6 | Outer Compo Cove & west to Cedar Point (includes Compo Beach), Westport. | Estuary |
| CT7005-E_01 | SCOTT COVE | 0.9 | Scott Cove & offshore to a transect from Long Neck Point to the Fish Islands, Darien. | Estuary |
| CT7006-E_01 | WESTCOTT COVE- Cove | 0.5 | Westcott Cove out to Greenway Island, Stamford. | Estuary |
| CT7006-E_02 | WESTCOTT COVE- Offshore | 0.3 | Offshore from Westcott Cove from the end of Shippan Ave on Shippan Point east to a point one mile due south of Greenway Island, Stamford. | Estuary |
| CT7007-E_01 | GREENWICH COVE_01 | 0.1 | Inner Greenwich Cove and cove areas adjacent to Greenwich Point. | Estuary |
| CT7007-E_02 | GREENWICH COVE_02 | 0.9 | Body of Greenwich Cove (excluding segment 01), bounded by a transect from Todd Point to Greenwich Point. | Estuary |
| CT7008-E_01 | Byram Harbor_01 | 1.0 | Byram Harbor, Greenwich, Byram Point east to Field Point inside Calf Islands (does not include Byram River Estuary - see CT7411-E) | Estuary |
| CT7009-E_01 | CAPTAIN HARBOR | 3.4 | From Byram Point to Great Captain Island to Greenwich Point, excluding Byram Harbor (CT7008-E), Cos Cob Harbor( CT7407-E) & Greenwich Harbor (CT7409-E) and Greenwich Cove (CT7007-E). | Estuary |
| CT7010-E_01 | Long Island Sound West_01 | 6.0 | Offshore areas of Bridgeport & Stratford to 50 ft isobath. | Estuary |
| CT7010-E_02 | Long Island Sound West_02 | 30.0 | Offshore areas of Bridgeport & Stratford from 50 ft isobath to state line. | Estuary |
| CT7010-E_03 | Long Island Sound West_03 | 55.5 | Offshore area of western Connecticut from NY border to the mouth of the Housatonic River (excluding Restricted Relay waters off Bridgeport & Stratford - segment 01) out to 50 foot depth contour. | Estuary |
| CT7010-E_04 | Long Island Sound West_04 | 53.0 | Offshore area of western Connecticut from NY border to the mouth of the Housatonic River from 50-foot depth contour to mid-Sound state line (excluding segment 02). | Estuary |
| CT7106-E_01 | ASH CREEK | 0.2 | From mouth of Rooster River, Rte 95 crossing, DS to mouth of Ash Creek. Ash Creek forms border of Bridgeport & Fairfield. | Estuary |
| CT7106-E_02 | Ash Creek near Tourney Rd. | 0.0 | Small arm of Ash Creek located on the western side near the mouth receiving water from a small unnamed tributary along Tourney Road (called Tourney Creek in 1998 303d). | Estuary |
| CT7108-E_01 | Southport- Upper Mill Pond | 0.0 | Tidal portion of Mill River, from US of Rte 95 US to dam on Perry Mill Pond. | Estuary |
| CT7108-E_02 | Southport- Lower Mill Pond | 0.0 | Tidal portion of Mill River, from tide gates at head of Southport Harbor US to Rte 95. | Estuary |
| CT7108-E_03 | Southport - Sasco Brook Estuary | 0.0 | Tidal portion of Sasco Brook, from Long Island Sound US to Rte 1. | Estuary |
| CT7108-E_04 | Southport Harbor & Offshore | 2.1 | Southport Harbor and offshore waters, from Sherwood Point, Westport, to a point about 0.5 mi. south of Pine Creek Point, Fairfield. | Estuary |

| WBIDSEGID | Segment Name | Segment Size | Location Description | Waterbody Type |
|---|---|---|---|---|
| CT7200-E_01 | SAUGATUCK RIVER ESTUARY | 0.4 | From dam on Lee Pond (0.7 miles ds of Merritt Pkwy crossing) DS to Stony Point, near Burrit Cove at mouth of Saugatuck River, Westport. Also includes Yacht Basin and adj waters, Grays Creek & adjacent waters. | Estuary |
| CT7200-E_02 | SAUGATUCK RIVER ESTUARY | 0.6 | Saugatuck River Estuary, From Stony Point, near Burrit Cove, at mouth of river to a transect connecting Bluff Point & inside of Seymour Point (excluding prohibited areas of Yacht Basin, Grays Creek & adjacent shore area). | Estuary |
| CT7300-E_01 | Norwalk Hbr - Norwalk River Estuary/Mill Pond | 0.4 | Mouth of Norwalk River near Fitch Point US to Rte 1, incuding Mill Pond. Also includes cove between Calf Pasture and Gregory Points & nearshore waters on west side of Norwalk Harbor inside Long Beach Island. | Estuary |
| CT7300-E_02 | NORWALK HARBOR (INNER) | 0.6 | Norwalk Harbor from mouth of Norwalk River near Fitch Point to Calf Pasture Point (excluding prohibited shellfish areas inside Long Beach Island and cove inside Calf Pasture Island). | Estuary |
| CT7300-E_03 | NORWALK HARBOR- Adjacent Waters | 1.6 | Coves & nearshore waters east & west of Norwalk Harbor (Wilson Cove, Village Creek, Keyser Point, Shorehaven). | Estuary |
| CT7300-E_04 | NORWALK HARBOR- Offshore Waters | 5.3 | Offshore areas of Norwalk, inside Norwalk Islands (Sheffield Island east to Cockenoe Island). | Estuary |
| CT7401-E_01 | FIVEMILE RIVER ESTUARY | 0.2 | Estuary portion of Fivemile River, Darien & Norwalk, from a line drawn between Butler's Island and Roton, then US to Tokeneke Road crossing, Darien. | Estuary |
| CT7401-E_02 | FIVEMILE RIVER ESTUARY- offshore | 0.9 | Offshore of Fivemile River Estuary, from a line drawn from Butler's Island to Roton Poind, and then out to a line drawn between the Fish Islands to Sheffield Island. | Estuary |
| CT7402-E_01 | DARIEN COVE | 0.4 | Darien Cove, inside a line between Noroton Neck (Pratt Island Two) & Long Neck, at mouth of Goodwives River. | Estuary |
| CT7403-E_01 | HOLLY POND/COVE HARBOR - pond | 0.5 | Holly Pond & Upper Cove Harbor. | Estuary |
| CT7403-E_02 | HOLLY POND/COVE HARBOR - cove | 0.3 | Cove Harbor, excluding small upper section. | Estuary |
| CT7403-E_03 | HOLLY POND/COVE HARBOR-offshore | 0.4 | Offshore from Cove Harbor. | Estuary |
| CT7405-E_01 | STAMFORD HARBOR (E & W Branches) | 0.3 | East & West Branches of Inner Harbor. | Estuary |
| CT7405-E_02 | STAMFORD HARBOR (Inner) | 0.4 | Inner Harbor, from Cemetary Point out to Davenport Point (west) & Shippan Point (east). | Estuary |
| CT7405-E_03 | STAMFORD HARBOR (Outer) | 0.5 | Outer harbor from a transect between Davenport Point & Shippan Point out to Harbor entrance buoys & west to Greenwich townline. | Estuary |
| CT7405-E_04 | STAMFORD HARBOR (East Greenwich shore) | 1.1 | Nearshore & offshore waters from Greenwich Point to Greenwich/Stamford townline, & offshore east to Shippan point (beyond harbor entrance buoys). | Estuary |
| CT7407-E_01 | COS COB HARBOR | 0.9 | From Mianus Pond outlet at Rte 1 out to a transect from Tweed Island to Todd Point. | Estuary |
| CT7409-E_01 | GREENWICH HARBOR | 0.1 | Greenwich Harbor, from mouth of Horseneck Brook (Rte 95) out to Round Island. | Estuary |
| CT7409-E_02 | GREENWICH HARBOR - INDIAN COVE | 0.3 | Smith Cove, Indian Harbor, then offshore to a transect from Field Point to Tweed Island (excluding Greenwich Harbor proper). | Estuary |
| CT7411-E_01 | BYRAM RIVER ESTUARY | 0.1 | Byram River Estuary: US of Rte 1 (Upland Street) to Byram Point, Greenwich. | Estuary |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT1000-00_01 | 01090005 | PAWCATUCK RIVER | 5.3 | **2004** | M | 120,231,321,420 | F20,F21,T1,T42 | 1700,1750 | 4000,9000 |
| CT1001-00_01 | 01090005 | Wyassup Brook | 5.3 | 2002 | M | 120,230,321,420 | F1,F20,F21,F42 | | |
| CT1002-00_01 | 01090005 | Green Fall River_01 | 1.5 | 2002 | M | 120,190,830 | F21,T1,T20,T42 | 1200,1700,1750 | 1000 |
| CT1002-00_02 | 01090005 | Green Fall River_02 | 5.1 | **2004** | M | 120,230,321,420 | F1,F20,F21,F42 | | |
| CT1002-00_03 | 01090005 | Green Fall River_03 | 1.9 | 2002 | E | | F21,X1,X20,X42 | | |
| CT1004-00_01 | 01090005 | Shunock River_01 | 4.3 | **2004** | M | 120,242,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT1004-00_02 | 01090005 | Shunock River_02 | 4 | 2002 | E | | F21,X1,X20,X42 | | |
| CT1100-00_01 | 01090005 | Wood River | 5 | 2002 | M | 120,230,321,420 | F21,F42,T1,T20 | 200,1200,1500 | 1000,7000,7350,7400 |
| CT2000-30_01 | 01100003 | Fenger Brook | 3 | 2002 | M | 120,230,321,420 | F21,P1,P20,P42 | 0,1200,1700,1750 | 4000,9000 |
| CT2102-00_01 | 01100003 | Copps Brook_01 | 0.8 | 2002 | M | 120,230,321,420 | F21,F42,N1,N20 | 0,500,530,1500 | 7000,7350,7400 |
| CT2102-00_02 | 01100003 | Copps Brook_02 | 4.2 | 2002 | E | 120 | F20,F21,F50,X1,X42 | | |
| CT2103-00_01 | 01100003 | Seth Williams Brook_01 | 0.4 | 2002 | E | | F21,X1,X20,X42 | | |
| CT2103-00_02 | 01100003 | Seth Williams Brook_02 | 0.6 | 2002 | M | 120,230,322,331,340,420,840 | F21,T1,T20,T42 | 0,1700,1750 | 1000,9000 |
| CT2103-00_03 | 01100003 | Seth Williams Brook_03 | 1 | **2004** | M | 120,230,322,331,340,420,840 | F1,F20,F21,F42 | | |
| CT2104-00_01 | 01100003 | Whitford Brook_01 | 1.6 | **2004** | M | 120,230,321,420 | F1,F20,F21,F42 | | |
| CT2104-00_02 | 01100003 | Whitford Brook_02 | 0.7 | 2002 | M | 120,230,321,420 | F21,F42,P1,P20 | 1500 | 7000,7350,7400 |
| CT2104-00_03 | 01100003 | Whitford Brook_03 | 0.7 | 2002 | E | 120,190,230,321,420 | F1,F20,F21,F42 | | |
| CT2104-00_04 | 01100003 | Whitford Brook_04 | 1.3 | 2002 | E | | F21,X1,X20,X42 | | |
| CT2202-00_01 | 01100003 | Latimer Brook_01 | 4.2 | 2002 | E | | F21,X1,X20,X42 | | |
| CT2202-00_02 | 01100003 | Latimer Brook_02 | 3.4 | **2004** | M | 120,230,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT2202-00_03 | 01100003 | Latimer Brook_03 | 1.3 | 2002 | E | 120,190,860 | F1,F20,F21,F42,F50 | | |
| CT2205-00_01 | 01100003 | Patagansett River_01 | 1.2 | 2002 | M | 120,230,321,420 | F21,F42,P1,P20 | 0 | 9000 |
| CT2205-00_02 | 01100003 | Patagansett River_02 | 1.9 | 2002 | M | 120,230,321,420 | F21,P1,P20,T42 | 0,1700,1750 | 9000 |
| CT2205-00_03 | 01100003 | Patagansett River_03 | 1 | 2002 | E | 120 | F21,T20,X1,X42 | 0,1500 | 7000,7350,7400,9000 |
| CT2206-00_01 | 01100003 | Bride Brook_01 | 0.7 | 2002 | M | 120,230,321,420 | F21,N1,N42,P20 | 0,1500,1700,1750 | 7000,7400,8650,8920,9000 |
| CT2206-00_02 | 01100003 | Bride Brook_02 | 2 | 2002 | E | 120,222,860 | F21,T20,X1,X42 | 500,550 | 8500 |
| CT3000-08_01 | 01100005 | Flat Brook, Ledyard_01 | 1.1 | **2004** | M | 242,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT3001-00_01 | 01100003 | Trading Cove Brook | 7.2 | 2002 | M | 120,230,321,420 | F1,F20,F21,F42 | | |
| CT3003-00_01 | 01100003 | Poquetanuck Brook/Hewitt Brook | 1.6 | 2002 | M | 120,230,321,420 | F1,F20,F21,F42 | | |
| CT3004-00_01 | 01100003 | Oxoboxo Brook_01 | 2.6 | 2002 | M | 120,230,321,420 | F21,F42,T1,T20 | 0,1200,1500 | 7000,7400,8500,8520,9000 |
| CT3004-00_02 | 01100003 | Oxoboxo Brook_02 | 2.9 | 2002 | M | 120,230,321,420 | F1,F20,F21,F42 | | |
| CT3100-00_01 | 01100002 | WILLIMANTIC RIVER_01 | 2.7 | 2001 | E | | F21,X1,X20,X42 | | |
| CT3100-00_02 | 01100002 | WILLIMANTIC RIVER _02 | 6.4 | 2001 | M | 125,230,321 | F1,F20,F21,F42 | | |
| CT3100-00_03 | 01100002 | WILLIMANTIC RIVER _03 | 9.5 | **2004** | M | 125,230,321,375,420 | F21,T1,T20,T42 | 0,1700,1750 | 200,4000,4400,9000 |
| CT3100-00_04 | 01100002 | WILLIMANTIC RIVER _04 | 3.1 | **2004** | E | 125 | F21,T20,X1,X42 | 0,1700,1750 | 200,4000,9000 |
| CT3100-00_05 | 01100002 | WILLIMANTIC RIVER _05 | 1.6 | **2004** | M | 230,321,375 | F21,T1,T20,T42 | 500,550 | 200,4000 |
| CT3100-00_06 | 01100002 | WILLIMANTIC RIVER _06 | 0.5 | **2004** | M | 230,321,375 | F21,T1,T20,T42 | 500,530,550,1700,1750 | 4000,9000 |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT3100-19_01 | 01100002 | Eagleville Brook_01 | 0.7 | 2004 | M | 120,322,331 | F21,P1,P20,X42 | 0 | 9000 |
| CT3100-19_02 | 01100002 | Eagleville Brook_02 | 1.7 | 2004 | M | 120,322,331 | F21,N1,N20,X42 | 0,500,530,1100 | 3000,3200,4000,6000,6300,7550,7700 |
| CT3102-00_01 | 01100002 | MIDDLE RIVER_01 | 0.2 | 2004 | M | 175,230,321,375,420 | F21,F42,T1,T20 | 500,530,550 | 4000,4400,9000 |
| CT3102-00_02 | 01100002 | MIDDLE RIVER_02 | 3.7 | 2004 | M | 230,321,375,420 | F1,F21,F42,T20 | 500,530,550 | 9000 |
| CT3102-00_03 | 01100002 | MIDDLE RIVER_03 | 2.5 | 2001 | E | 125 | F21,X1,X20,X42 | | |
| CT3102-03_01 | 01100002 | Still Brook | 0.3 | 2004 | M | 242,322,331,340,420 | F1,F20,F21,F42 | | |
| CT3103-00_01 | 01100002 | Furnace Brook_01 | 0.2 | 2004 | M | 175,230,420 | A1,A20,F21,P42 | 1600,1700,1750 | 7000,7100,9000 |
| CT3103-00_02 | 01100002 | Furnace Brook_02 | 4.6 | 2004 | M | 125,230,321,375,420 | F1,F20,F21,T42 | | |
| CT3104-00_01 | 01100002 | Roaring Brook_01 | 7.25 | 2004 | M | 125,230,321,375,420 | F1,F20,F21,F42 | | |
| CT3104-00_02 | 01100002 | Roaring Brook_02 | 3 | 2001 | M | 125,230,321,375,860 | F1,F20,F21,F42,F50 | | |
| CT3104-00-2-L8 outlet_01 | 01100002 | Ruby Lake outlet stream_01 | 0.1 | 2004 | M | 130,140,175,242,321 | N1,N20,X21,X42 | 300,750 | 8200 |
| CT3104-00-2-L8 outlet_02 | 01100002 | Ruby Lake outlet stream_02 | 0.2 | 2004 | E | 242,322 | F20,F21,X1,X42 | | |
| CT3104-01_01 | 01100002 | Stckney Hill Brook | 2.4 | 2004 | M | 242,321,331,340,420 | F1,F20,F21,F42 | | |
| CT3106-00_01 | 01100002 | SKUNKAMAUG RIVER_01 | 15.6 | 2004 | M | 125,230,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT3108-00_01 | 01100002 | HOP RIVER_01 | 14.5 | 2004 | M | 125,242,321,331,375,420 | F1,F20,F21,F42 | | |
| CT3110-00_01 | 01100002 | Tenmile River - Willimantic_01 | 7.6 | 2001 | M | 125,231,321,375,420 | F1,F20,F21,F42 | | |
| CT3200-00_01 | 01100002 | NATCHAUG RIVER_01 | 3.3 | 2004 | M | 125,150,152,420,860 | F20,F21,P42,T1 | 1700,1750 | 9000 |
| CT3200-00_02 | 01100002 | NATCHAUG RIVER_02 | 11.7 | 2004 | M | 125,231,321,375,420 | F1,F21,F50,P20,P42 | 1700,1750 | 1000,9000 |
| CT3201-00_01 | 01100002 | Bungee Brook_01 | 5.5 | 2001 | M | 230,321,375,420 | F20,F21,F50,P1,P42 | 1700,1750 | 9000 |
| CT3201-00_02 | 01100002 | Bungee Brook_02 | 1.9 | 2001 | E | | F21,F50,X1,X20,X42 | | |
| CT3202-00_01 | 01100002 | STILL RIVER_01 | 2.5 | 2001 | M | 125,230,321,375,420 | F20,F21,F50,P1,P42 | 1700,1750 | 9000 |
| CT3202-00_02 | 01100002 | STILL RIVER_02 | 3.9 | 2001 | E | 125,130,170 | F20,F21,F50,X1,X42 | | |
| CT3203-00_01 | 01100002 | BIGELOW BROOK_01 | 5.2 | 2001 | M | 125,230,321,375,420 | F1,F20,F21,F42,F50 | | |
| CT3203-00_02 | 01100002 | BIGELOW BROOK_02 | 4.6 | 2001 | E | 125,130,170 | F20,F21,F50,X1,X42 | | |
| CT3203-00_03 | 01100002 | BIGELOW BROOK_03 | 1.7 | 2001 | E | 125 | F21,F50,X1,X20,X42 | | |
| CT3206-00_01 | 01100002 | MOUNT HOPE RIVER_01 | 5.3 | 2001 | M | 125,230,321,375,420 | F1,F20,F21,F42,F50 | | |
| CT3206-00_02 | 01100002 | MOUNT HOPE RIVER_02 | 9.6 | 2001 | E | 130,170 | F20,F21,F50,X1,X42 | | |
| CT3207-00_01 | 01100002 | FENTON RIVER_01 | 5.8 | 2001 | M | 125,230,321,375,420 | F21,F42,F50,T1,T20 | 1500 | 7000,7400,8920 |
| CT3207-00_02 | 01100002 | FENTON RIVER_02 | 10.3 | 2001 | E | 125,130,150,170 | F20,F21,F50,X1,X42 | | |
| CT3208-00_02 | 01100002 | Sawmill Brook (Mansfield) | 4.2 | 2004 | M | 242,322,340,375,420 | F1,F20,F21,F42 | | |
| CT3300-00_01 | 01100001 | FRENCH RIVER_01 | 4.6 | 2004 | M | 125,231,260,321,375,420 | F21,N1,N42,P20 | 0,900,1700,1750,2210 | 9000 |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT3300-00_02 | 01100001 | FRENCH RIVER | 1.1 | **2004** | E | 150,152,153,260,322,331 | F21,X1,X20,X42 | | |
| CT3400-00_01 | 01100001 | FIVEMILE RIVER_01 | 1 | 2001 | E | 125 | F21,X1,X20,X42 | | |
| CT3400-00_02 | 01100001 | FIVEMILE RIVER_02 | 4.2 | 2001 | M | 125,230,250,321,331,375,420 | F1,F20,F21,F42 | | |
| CT3400-00_03 | 01100001 | FIVEMILE RIVER_03 | 9.7 | 2001 | E | 125,150,321,331 | F20,F21,X1,X42 | | |
| CT3400-00_04 | 01100001 | FIVEMILE RIVER_04 | 4.5 | 2001 | E | | F21,X1,X20,X42 | | |
| CT3401-00_02 | 01100001 | Rocky Brook_02 | 0.2 | **2004** | M | 242,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT3404-00_01 | 01100001 | Whetstone Brook_01 | 4.3 | 2001 | M | 230,321,375,420 | F1,F20,F21,F42 | | |
| CT3500-00_01 | 01100001 | MOOSUP RIVER_01 | 1.5 | 2001 | E | 125,150,322,331 | F1,F20,F21,F42 | | |
| CT3500-00_02 | 01100001 | MOOSUP RIVER_02 | 4.1 | 2001 | M | 125,230,321,420 | F1,F20,F21,F42 | | |
| CT3500-00_03 | 01100001 | MOOSUP RIVER_03 | 6.4 | **2004** | M | 242,322,331,340,375,420 | F1,F20,F21,F42 | | |
| CT3501-00_01 | 01100001 | Quanduck Brook_01 | 3.9 | 2001 | M | 230,321,331,375,420 | F1,F20,F21,F42 | | |
| CT3503-00_01 | 01100001 | Ekonk Brook | 4.5 | **2004** | M | 242,321,322,340,375,420 | F1,F20,F21,F42 | | |
| CT3600-00_01 | 01100001 | PACHAUG RIVER_01 | 0.7 | 2001 | E | 175,230,321,375,420 | F1,F20,F21,F42 | | |
| CT3600-00_02 | 01100001 | PACHAUG RIVER_02 | 0.7 | 2001 | E | | F21,X1,X20,X42 | | |
| CT3600-00_03 | 01100001 | PACHAUG RIVER_03 | 1.9 | 2001 | E | | F21,X1,X20,X42 | | |
| CT3600-00_04 | 01100001 | PACHAUG RIVER_04 | 1.2 | 2001 | E | 125,150,322,331,375 | F20,F21,X1,X42 | | |
| CT3600-00_05 | 01100001 | PACHAUG RIVER_05 | 2.6 | 2001 | E | 150,322,331,375 | F21,X1,X20,X42 | | |
| CT3600-05_01 | 01090005 | Crooked Brook | 1.9 | **2004** | M | 242,322,331,340,420 | F21,F42,T1,T20 | 500,550 | 9000 |
| CT3601-00_01 | 01100001 | Great Meadow Brook | 1.1 | 2002 | E | 130,175 | F21,X1,X20,X42 | | |
| CT3604-00_01 | 01100001 | Myron Kinney Brook_01 | 4.2 | 2001 | M | 230,321,331,375,420 | F1,F20,F21,F42 | | |
| CT3700-00_01 | 01100001 | QUINEBAUG RIVER_01 | 7.6 | **2004** | M | 231,321,340,375,420,840 | F21,N1,N20,N42 | 0,900,1200,1500,1700,1750,2210 | 200,400,1000,4000,7000,7400,9000 |
| CT3700-00_02 | 01100001 | QUINEBAUG RIVER_02 | 3 | 2001 | E | 125,130 | F21,T20,X1,X42 | 0,900,1500,1700,1750,2400 | 200,1000,6000,6300,7000,7400,8910 |
| CT3700-00_03 | 01100001 | QUINEBAUG RIVER_03 | 6.4 | 2001 | E | 125 | F21,X1,X20,X42 | | |
| CT3700-00_04 | 01100001 | QUINEBAUG RIVER_04 | 17.5 | **2004** | M | 125,231,420,840 | F21,P1,P20,P42 | 0,900,1200,1500,1700,1750,2210 | 200,1000,7000,7400,9000 |
| CT3700-00_05 | 01100001 | QUINEBAUG RIVER_05 | 3.3 | **2004** | M | 125,231,321,420 | F21,N1,N42,T20 | 900,1200,1500,1700,1750 | 200,1000,7000,7400,9000 |
| CT3700-00_06 | 01100001 | QUINEBAUG RIVER_06 | 0.3 | 2001 | E | 125 | F21,X1,X20,X42 | | |
| CT3700-00_07 | 01100001 | QUINEBAUG RIVER_07 | 6.3 | **2004** | M | 125,231,321,375,420 | F20,F21,N1,N42 | 900,1700,1750,2500 | 200,1000,7000,7400,9000 |
| CT3708-00_01 | 01100001 | LITTLE RIVER (PUTNAM)_01 | 2.5 | 2001 | M | 125,230,321,375,420,860 | F20,F21,N1,N42 | 1700,1750 | 9000 |
| CT3708-00_02 | 01100001 | LITTLE RIVER (PUTNAM)_02 | 1.7 | 2001 | E | 125,130 | F21,F50,X1,X20,X42 | 0,900,1700 | 1000,1600 |
| CT3708-01_01 | 01100001 | Muddy Brook - Woodstock_01 | 5.2 | 2001 | E | | F21,X1,X20,X42,X50 | | |
| CT3708-01_02 | 01100001 | Muddy Brook_02 | 2 | 2001 | M | 230,321,375,420 | F21,F50,P1,P20,T42 | 0,1700,1750 | 1000,9000 |
| CT3708-01_03 | 01100001 | Muddy Brook_03 | 1.8 | 2001 | E | | F21,X1,X20,X42,X50 | | |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT3708-10_01 | 01100001 | North Running Brook_01 | 0.3 | **2004** | M | 175,242,322,331,340,375,420 | F21,F42,N1,N20 | 0,900,1200,1210 | 1000,1050 |
| CT3708-10_02 | 01100001 | North Running Brook_02 | 2.7 | **2004** | M | 175,242,322,331,340,375,420 | F1,F20,F21,F42 | | |
| CT3709-00_01 | 01100001 | Wappaquoia Brook | 3.2 | **2004** | M | 322,331,340,420 | F20,F21,T1,T42 | 1700,1750 | 9000 |
| CT3710-00_01 | 01100001 | MASHAMOQUET BROOK_01 | 3 | **2004** | M | 125,230,321,331,375,420 | F20,F21,T1,T42 | 1700,1750 | 9000 |
| CT3710-00_02 | 01100001 | MASHAMOQUET BROOK_02 | 4.4 | **2004** | M | 125,420,810,820 | F20,F21,N1,N42 | 1700,1750 | 1000,9000 |
| CT3711-00_01 | 01100001 | BLACKWELL BROOK | 12.1 | 2001 | M | 230,321,375,420 | F1,F20,F21,F42 | | |
| CT3712-02_01 | 01100001 | Horse Brook | 2.2 | 2002 | E | | F21,X1,X20,X42 | | |
| CT3713-00_01 | 01100001 | Mill Brook - Plainfield_01 | 1.9 | 2001 | M | 125,230,322,375,420,840 | F1,F20,F21,F42 | | |
| CT3713-00_02 | 01100001 | Mill Brook - Plainfield_02 | 2.2 | 2001 | M | 125,230,321,375,420 | F1,F20,F21,F42 | | |
| CT3800-00_01 | 01100002 | SHETUCKET RIVER_01 | 1.6 | 2001 | E | 230,340 | F21,N1,N42,X20 | 1500,1700,1750,2210 | 200,400,7000,7400 |
| CT3800-00_02 | 01100002 | SHETUCKET RIVER_02 | 6 | 2002 | E | | F21,X1,X20,X42 | | |
| CT3800-00_03 | 01100002 | SHETUCKET RIVER_03 | 5 | 2001 | E | 125,190 | F21,T20,X1,X42 | 1500,2210 | 7000,7400 |
| CT3800-00_04 | 01100002 | SHETUCKET RIVER_04 | 2.3 | 2002 | E | | F21,X1,X20,X42 | | |
| CT3800-00_05 | 01100002 | SHETUCKET RIVER_05 | 5 | **2004** | M | 231,321,375,420 | F20,F21,P1,P42 | 1700,1750 | 9000 |
| CT3803-00_01 | 01100002 | Merrick Brook_01 | 11.8 | 2001 | M | 125,230,321,375,420 | F1,F20,F21,F42 | | |
| CT3805-00_01 | 01100002 | LITTLE RIVER (SPRAGUE)_01 | 0.5 | 2001 | E | 150,250,260,331 | F21,X1,X20,X42 | 410 | 100 |
| CT3805-00_02 | 01100002 | LITTLE RIVER (SPRAGUE)_02 | 1 | 2001 | M | 175,230,250,260,321,375,420,710 | F42,N1,N20,N21 | 0,410,500,560,2400 | 100,6000,6300,8500,9000 |
| CT3805-00_03 | 01100002 | LITTLE RIVER (SPRAGUE)_03 | 17.3 | 2001 | M | 230,321,331,375,420 | F1,F20,F21,F42,F62 | | |
| CT3900-00_01 | 01100003 | YANTIC RIVER | 6.3 | 2002 | E | 120,230,321,420 | F1,F20,F21,F42 | | |
| CT3900-00_02 | 01100003 | YANTIC RIVER | 5.8 | 2002 | E | 120,230,321,420 | F1,F20,F21,F42 | | |
| CT3900-07_01 | 01100003 | Kahn Brook_01 | 0.6 | 2002 | M | 120,230,321,420 | F21,P1,P20,P42 | 0,900,910,930,1700,1750 | 1000,1600,9000 |
| CT3900-07_02 | 01100003 | Kahn Brook_02 | 2.3 | 2002 | E | 120,320 | F20,F21,X1,X42 | | |
| CT3900-09_01 | 01100003 | Bentley Brook | 2.1 | **2004** | M | 242,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT3903-00_01 | 01100003 | Sherman Brook | 1 | 2002 | M | 230,321,420 | F1,F20,F21,F42 | | |
| CT3905-00_01 | 01100003 | Pease Brook | 9.2 | 2002 | M | 321,331,375 | F20,F21,X1,X42 | | |
| CT3906-00_01 | 01100003 | Gardner Brook | 4.76 | 2002 | M | 230,321,420 | F1,F20,F21,F42 | | |
| CT3907-00_01 | 01100003 | Susquetonscut Brook | 12.7 | 2002 | M | 230,321,420 | F20,F21,T1,T42 | 1700,1750 | 9000 |
| CT4000-00_01 | 01080205 | CONNECTICUT RIVER_01 | 9 | **2004** | M | 120,231,260,420,510 | F20,F42,P1,P21 | 410 | 9000,9050 |
| CT4000-00_02 | 01080205 | CONNECTICUT RIVER_02 | 11.1 | **2004** | M | 120,231,260,420,510 | F20,P1,P21,P42 | 410,1700 | 400,9000,9050 |
| CT4000-00_03 | 01080205 | CONNECTICUT RIVER_03 | 34.5 | **2004** | M | 120,231,260,420,510 | F20,P1,P21,P42 | 410,1700,1750 | 200,220,400,9000,9050 |
| CT4000-54_02 | 01080205 | Clark Creek | 0.5 | **2004** | M | 242,322,331,340,375,420 | F1,F20,F21,F42 | | |
| CT4003-00_04 | 01080207 | Freshwater Brook_01 | 0.3 | **2004** | M | 242,322,331,340,375,420 | F21,T42,X1,X20 | 1700,1750 | 9000 |
| CT4006-00_01 | 01080205 | Salmon Brook Glastonbury | 2.9 | 2000 | M | 120,230,321,420 | F1,F20,F21,F42 | | |
| CT4006-00_02 | 01080205 | Salmon Brook Glastonbury | 4.1 | 2000 | M | 120,230,321,420 | F1,F20,F21,F42 | | |
| CT4007-00_01 | 01080205 | Hubbard Brook | 5.1 | 2000 | M | 242,420,530,540,840 | F21,F42,T1,T20 | 580 | 4000,4200 |
| CT4009-00_01 | 01080205 | ROARING BROOK | 6.4 | 2000 | M | 153,230,321,420 | F1,F20,F21,F42 | | |
| CT4009-00_02 | 01080205 | ROARING BROOK | 2.8 | 2000 | E | 120,152,153,170,322,331 | F1,F20,F21,F42 | | |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT4009-00_03 | 01080205 | ROARING BROOK | 2.4 | 2000 | E | 152,153,170,322,331,860 | F1,F20,F21,F42,F50 | | |
| CT4013-00_01 | 01080205 | Sumner Brook | 0.8 | 2002 | E | 175 | F21,N1,N42,X20 | 1700 | 500 |
| CT4013-08_01 | 01080205 | Long Hill Brook | 0.4 | 2002 | E | 175 | F21,N1,N42,X20 | 1700 | 500 |
| CT4015-02_01 | 01080205 | Beaver Meadow Brook | 2.6 | **2004** | M | 242,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT4017-03_01 | 01080205 | Pattaconk Brook_01 | 4 | 2000 | M | 125,230,321,375,420 | F1,F20,F21,F42 | | |
| CT4017-03_02 | 01080205 | Pattaconk Brook_02 | 1.4 | 2000 | E | 125,152,153,375 | F20,F21,X1,X42 | | |
| CT4018-00trib_01 | 01080205 | Un-named Trib to the Deep River | 0.4 | 2001 | M | 150,151,152,230,322 | F21,T20,X1,X42 | 500 | 6000,6300 |
| CT4019-00_01 | 01080205 | Fall River | 9.3 | 2000 | M | 120,153,230,420,820 | F1,F20,F21,F42 | | |
| CT4020-06_01 | 01080205 | Mill Brook - Old Lyme_01 | 1.2 | 2000 | E | 120,860 | F20,F21,T1,T42 | 1700,1750 | 8650,9000 |
| CT4020-06_02 | 01080205 | Mill Brook - Old Lyme_02 | 0.7 | 2000 | E | 120,860 | F20,F21,T1,T42 | 1700,1750 | 8650,9000 |
| CT4021-00_01 | 01080205 | Black Hall River | 2.6 | 2000 | E | 860 | F20,F21,T1,T42 | 1700,1750 | 8650,9000 |
| CT4100-00_01 | 01080205 | Stony Brook | 3.4 | 2000 | E | 125,152,153 | F21,X1,X20,X42 | | |
| CT4100-00_02 | 01080205 | Stony Brook | 3.9 | 2000 | E | 125,152,153,322,331,375 | F21,X1,X20,X42 | | |
| CT4100-00_03 | 01080205 | Stony Brook | 3.6 | 2000 | M | 230,321,331,375,420 | F21,F42,P1,P20 | 0,1200,1220 | 1000,9000 |
| CT4101-00_01 | 01080205 | Muddy Brook_01 | 2.2 | 2000 | M | 230,321,331,375,420 | F21,P1,P20,P42 | 0,1700,1750 | 9000 |
| CT4101-00_02 | 01080205 | Muddy Brook_02 | 7.4 | **2004** | E | | F21,X1,X20,X42 | | |
| CT4200-00_01 | 01080205 | SCANTIC RIVER_01 | 8.5 | 2000 | M | 153,230,321,331,375,420 | F21,F42,P1,P20 | 0 | 9000 |
| CT4200-00_02 | 01080205 | SCANTIC RIVER_02 | 10.9 | 2000 | E | 120,125,150,153,240,331,375 | F20,F21,X1,X42 | | |
| CT4200-00_03 | 01080205 | SCANTIC RIVER_03 | 5.9 | 2000 | E | 120,125,152,153,322,331,375 | F20,F21,X1,X42 | | |
| CT4206-00_01 | 01080205 | Broad Brook_01 | 0.8 | **2004** | M | 120,230,250,321,331,375,420 | F21,N1,N42,P20 | 0,900,1200,1700,1750 | 1000,9000 |
| CT4206-00_02 | 01080205 | Broad Brook_02 | 8.9 | 2000 | E | 120,150,152,153,230,322,331,375,420 | F21,P1,P20,P42 | 0,900,1100,1200,1700 | 1000,1350,1600,9000 |
| CT4300-00_01 | 01080207 | FARMINGTON RIVER -01 | 8.5 | 2000 | E | 120,190,191 | F20,F21,X1,X42 | | |
| CT4300-00_02 | 01080207 | Farmington River -02 | 19.6 | **2004** | M | 120,231,321,375,420,600,700 | F20,F21,P1,P42 | 1700,1750 | 9000 |
| CT4300-00_03 | 01080207 | Farmington River - 03 | 8.4 | **2004** | M | 231,321,331,375,420 | F1,F20,F21,F42 | | |
| CT4300-00_04 | 01080207 | Farmington River - 04 | 14.9 | **2004** | M | 242,322,331,340,375,420 | F1,F20,F21,F42 | | |
| CT4300-00_05 | 01080207 | Farmington River - 05 | 2.3 | 2000 | E | 120,130,175 | F21,T20,X1,X42 | 1500 | 7000,7350,7400 |
| CT4300-48_01 | 01080207 | Perkins Brook | 0.73 | 2002 | E | 860 | P1,P20,X21,X42 | 1800 | 100,8500 |
| CT4300-50_01 | 01080207 | Rainbow Brook | 1.7 | 2000 | M | 120,230,321,375,420 | F21,F42,N1,N20,N62 | 400,1200 | 4000,4300 |
| CT4300-51_01 | 01080207 | Seymour Hollow Brook | 1.3 | 2000 | M | 120,230,322,375,420 | F21,N1,N20,N62,T42 | 400,1700,1750 | 4000,4300,9000 |
| CT4302-00_01 | 01080207 | MAD RIVER (WINCHESTER) | 2.3 | 2000 | M | 120,230,321,375,420 | F1,F20,F21,F42 | | |
| CT4302-00_02a | 01080207 | MAD RIVER (WINCHESTER) | 1.7 | 2000 | E | 120,125,130,170 | F20,F21,X1,X42 | | |
| CT4302-00_02b | 01080208 | MAD RIVER (WINCHESTER) | 0.5 | 2001 | E | 120,125,130,171 | P20,F21,P1,X42 | 1500 | 7000, 7400 |
| CT4302-00_03 | 01080207 | MAD RIVER (WINCHESTER) | 4.6 | 2000 | E | 130,152,153,170,322,331,370,860 | F20,F21,F50,X1,X42 | | |
| CT4302-09_01 | 01080207 | Indian Meadow Brook_01 | 0.5 | **2004** | M | 242,321,331,340,420 | F1,F20,F21,F42 | | |
| CT4303-00_01 | 01080207 | STILL RIVER_01 | 1.3 | 2000 | M | 120,153,230,321,375,420 | F1,F20,F21,F42 | | |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT4303-00_02 | 01080207 | STILL RIVER_02 | 2.5 | **2004** | M | 120,230,321,375,420,600 | F21,T1,T20,T42 | | |
| CT4303-00_03 | 01080207 | STILL RIVER_03 | 1.7 | 2000 | M | 120,153,321,375,420 | F1,F20,F21,F42 | | |
| CT4303-00_04 | 01080207 | STILL RIVER_04 | 7.4 | 2000 | E | | F21,X1,X20,X42 | | |
| CT4304-00_01 | 01080207 | SANDY BROOK | 8.6 | **2004** | M | 120,125,153,230,321,331,340 | F1,F20,F21,F42 | | |
| CT4308-00_01 | 01080207 | FARMINGTON RIVER, EAST BRANCH | 1 | 2000 | E | 120,175 | F21,N1,N20,N42 | 1500 | 7000,7350,7400 |
| CT4310-00_01 | 01080207 | NEPAUG RIVER_01 | 0.9 | 2000 | E | 120,175 | F21,N1,N20,N42 | 1500 | 7000,7350,7400 |
| CT4310-00_02 | 01080207 | NEPAUG RIVER_02 | 5.6 | 2000 | M | 120,125,153,230,321,331,375,420 | F1,F20,F21,F42,F50 | | |
| CT4311-00_01 | 01080207 | Burlington Brook | 4.6 | **2004** | M | 120,125,153,231,321,375,420 | F21,F42,T1,T20 | 2500 | 9000 |
| CT4314-00_01 | 01080207 | Coppermine Brook_01 | 2.4 | 2000 | M | 230,331,375,420,810 | F21,N1,N20,N42 | 0,1700,1750 | 500,9000 |
| CT4314-00_02 | 01080207 | Coppermine Brook_02 | 2.6 | 2000 | E | 125,130,153,170,331 | F20,F21,F50,X1,X42 | | |
| CT4314-04trib_01 | 01080207 | Wildcat Brook tributary | 0.3 | 2000 | E | | F21,X1,X20,X42 | | |
| CT4315-00_01 | 01080207 | PEQUABUCK RIVER_01 | 5.1 | **2004** | M | 120,230,321,330,375,420,600 | F21,N1,N42,P20 | 0,1700,1750,2500 | 200,4000 |
| CT4315-00_02 | 01080207 | PEQUABUCK RIVER_02 | 3.5 | 2000 | M | 120,230,242,321,420,510,600 | F21,N1,N20,N42,N62 | 0,600,1700,1750,2500 | 100,200,4000 |
| CT4315-00_03 | 01080207 | PEQUABUCK RIVER_03 | 1.3 | 2000 | M | 120,230,242,330,375,420,600 | F21,F42,P1,P20 | 0,500,580 | 100,200,4000,9000 |
| CT4315-00_04 | 01080207 | PEQUABUCK RIVER_04 | 0.3 | 2000 | E | 130,175 | A1,A20,A42,F21 | 1600 | 7000,7100 |
| CT4315-00_05 | 01080207 | PEQUABUCK RIVER_05 | 2.6 | 2000 | M | 120,230,331,420,600 | F21,T1,T20,T42 | 0,1700,1750 | 100,200,4000,5000,5100,6000,6300 |
| CT4315-00_06 | 01080207 | PEQUABUCK RIVER_06 | 5.2 | 2000 | M | 120,230,331,375,420 | F21,F42,T1,T20 | 0 | 9000 |
| CT4317-00_01 | 01080207 | Nod Brook | 1 | **2004** | M | 322,820 | F20,F21,X1,X42 | | |
| CT4318-00_01 | 01080207 | Hop Brook | 6.7 | **2004** | M | 321,820 | F20,F21,T1,T42 | 1700,1750 | 9000 |
| CT4318-03_01 | 01080207 | Stratton Brook | 1 | **2004** | M | 322,820 | F20,F21,X1,X42 | | |
| CT4319-00_01 | 01080207 | SALMON BROOK, WEST BRANCH | 10 | 2000 | M | 120,230,321,375,420 | F1,F20,F21,F42 | | |
| CT4319-07_01 | 01080207 | Beach Brook_01 | 2.4 | **2004** | M | 242,322,331,340,375,420 | F1,F20,F21,F42 | | |
| CT4320-00_01 | 01080207 | SALMON BROOK | 13.3 | **2004** | M | 120,230,331,340,375,420 | F21,T1,T20,T42 | 900,1100,1700,2500 | 1000,3000,3200,4000,4600 |
| CT4320-05_01 | 01080207 | Beldon Brook | 4.1 | **2004** | M | 322,820 | F20,F21,X1,X42 | | |
| CT4320-08_01 | 01080207 | Mountain Brook | 2.5 | **2004** | M | 242,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT4320-09_01 | 01080207 | Dismal Brook | 3.5 | **2004** | M | 322,820 | F20,F21,X1,X42 | | |
| CT4400-00_01 | 01080205 | PARK RIVER | 2.2 | 2000 | E | 120,175,230 | A1,A20,F21,N42 | 1600,1700,1750 | 100,400,7000,7100 |
| CT4400-01_01 | 01080205 | South Branch of Park River_01 | 0.2 | 2000 | E | 120,175 | A1,A20,F21,N42 | 1600,1700 | 100,400,4000,7000,7100 |
| CT4400-01_02 | 01080205 | South Branch of Park River_02 | 2.7 | 2000 | E | 120,153,190,191 | F21,N1,N42,P20 | 0,1600,1700 | 100,400,4000,7550,7600 |
| CT4402-00_01 | 01080205 | Piper Brook_01 | 0.1 | 2000 | E | 175 | A1,A20,A42,F21 | 1600 | 7000,7100 |
| CT4402-00_02 | 01080205 | Piper Brook_02 | 4.8 | 2000 | M | 230,331,420 | F21,N1,N42,P20 | 0,500,530,1200,1220,1700,1750 | 400,500,4000,9000 |
| CT4403-00_01 | 01080205 | Trout Brook_01 | 1.1 | 2000 | M | 120,230,321,331,420,810,820,830 | F21,N1,N42,P20 | 0,1600,1700 | 400,4000,7550,7600 |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT4403-00_02 | 01080205 | Trout Brook_02 | 0.9 | 2000 | E | 120,175 | F21,N1,N20,N42 | 0,1600,1700 | 400,4000,7000,7100,7550,7600 |
| CT4403-00_03 | 01080205 | Trout Brook_03 | 5.9 | 2000 | E | 120,175,810,820,830 | F21,N1,N42,P20 | 0,1600,1700 | 400,4000,7550,7600 |
| CT4404-00_01 | 01080205 | PARK RIVER, NORTH BRANCH | 0.5 | 2000 | E | 120,175 | A1,A20,A42,F21 | 1600,1700 | 400,4000,7000,7100 |
| CT4404-00_02 | 01080205 | PARK RIVER, NORTH BRANCH | 4.3 | 2000 | M | 120,230,420,810,820,830 | F21,P1,P20,P42 | 0,1700,1750 | 400,4000 |
| CT4500-00_01 | 01080205 | HOCKANUM RIVER_01 | 4.1 | 2000 | E | 120,190,191,250,260,330,550 | F21,P1,P20,X42 | 0 | 4000,9000 |
| CT4500-00_02 | 01080205 | HOCKANUM RIVER_02 | 3.6 | **2004** | M | 120,230,250,260,321,420,550 | F21,N1,N42,P20 | 0,1700,1750,2500 | 200,4000,6000,6300 |
| CT4500-00_03 | 01080205 | HOCKANUM RIVER_03 | 3.4 | 2000 | M | 120,125,230,250,321,420 | F21,P1,P20,X42 | 0,1200,2210 | 4000,6000,6300,9000 |
| CT4500-00_04 | 01080205 | HOCKANUM RIVER_04 | 3.2 | **2004** | M | 120,125,230,321,330,340,375,420 | F21,P1,P20,T42 | 0 | 200,4000,9000 |
| CT4500-00_05 | 01080205 | HOCKANUM RIVER_05 | 2.3 | **2004** | M | 120,230,321,330,375,420 | F21,P1,P20,P42 | 0,1700,1750 | 200,4000,9000 |
| CT4500-00_06 | 01080205 | HOCKANUM RIVER_06 | 3.8 | **2004** | M | 120,125,231,321,330,420 | F21,N1,N42,P20 | 0,500,530,550,1200,1600,1700,1750,2500 | 1000,4000,7000,7100,7550 |
| CT4500-00_07 | 01080205 | HOCKANUM RIVER_07 | 0.7 | **2004** | M | 120,175 | A1,A20,A42,F21 | 1600 | 7000,7100 |
| CT4500-00_08 | 01080205 | HOCKANUM RIVER_08 | 0.7 | **2004** | M | 130,170 | F21,P1,P20,X42 | 0,1500 | 7000,7350,7400,9000 |
| CT4501-00_01 | 01080205 | Charters Brook | 6.1 | **2004** | M | 242,322,420 | F1,F20,F21,F42 | | |
| CT4503-00_01 | 01080205 | Tankerhoosen River_01 | 1.5 | **2004** | M | 230,321,375,420,830 | F21,F42,P1,P20 | 0,1500 | 7000,7350,7400,9000 |
| CT4503-00_02 | 01080205 | Tankerhoosen River_02 | 4.1 | **2004** | M | 230,321,375,420,830 | F1,F20,F21,F42 | | |
| CT4503-01_01 | 01080205 | Gages Brook | 2 | **2004** | M | 321,820 | F20,F21,X1,X42 | | |
| CT4600-00_01 | 01080205 | MATTABASSET RIVER_01 | 3.3 | **2004** | E | 120,170 | F21,P62,X1,X20,X42 | 2100,2500 | 4000 |
| CT4600-00_02 | 01080205 | MATTABASSET RIVER_02 | 3.8 | **2004** | M | 120,230,231,321,375,420,810,820,830 | F21,N1,N42,P20,P62 | 0,1100,1700,1750,2500 | 500,4000 |
| CT4600-00_03 | 01080205 | MATTABASSET RIVER_03 | 3.8 | 2000 | M | 120,810,820,830 | F21,N1,N42,P20,P62 | 0,900,1100,1700,1750,2500 | 500,1000,4000,6000,6300 |
| CT4600-00_04 | 01080205 | MATTABASSET RIVER_04 | 1.8 | **2004** | M | 120,322,331,375,420,810,820,830 | F21,P1,P20,P42,P62 | 0,900,1100,1700,1750,2500 | 1000,4000,8650 |
| CT4600-00_05 | 01080205 | MATTABASSET RIVER_05 | 1 | 2000 | E | 175 | F21,P1,P20,P62,T42 | 0,900,1100,1700,1750,2210,2500 | 4000,8650 |
| CT4600-00_06 | 01080205 | MATTABASSET RIVER_06 | 1.3 | **2004** | M | 120,230,330,420,810,820,830,860 | F21,P1,P20,P42,T62 | 0,900,1100,1700,1750,2500 | 3000,3200,8650,8700,8710,9000 |
| CT4600-00_07 | 01080205 | MATTABASSET RIVER_07 | 1.6 | 2000 | M | 120,810,820,830,860 | F21,F50,T42,T62,X1,X20 | 900,1700,1750 | 8650 |
| CT4600-01_01 | 01080205 | John Hall Brook_01 | 2.3 | 2002 | E | | F21,X1,X20,X42 | | |
| CT4600-01_02 | 01080205 | John Hall Brook_02 | 1 | **2004** | E | 420,830 | F21,F50,P1,P42,X20 | 1700,1750 | 1000,4000,9000 |
| CT4600-07_01 | 01080205 | Little Brook (Rocky Hill) | 1.9 | **2004** | E | 420,830 | F21,N1,N42,X20 | 1700,1750 | 500,4000,9000 |
| CT4600-13_01 | 01080205 | Spruce Brook (Berlin) | 5.1 | **2004** | E | 420,830 | F21,P1,P42,X20 | 1700,1750 | 500,4000,9000 |
| CT4600-23_01 | 01080205 | Coles Brook | 3.5 | **2004** | E | 420,830 | F21,N1,N42,X20 | 1700,1750 | 500,4000,9000 |
| CT4600-26_01 | 01080205 | Miner Brook | 2.9 | **2004** | E | 420,830 | F21,P1,P42,X20 | 1700,1750 | 4000,9000 |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT4600-27_01 | 01080205 | Willow Brook (Cromwell) | 1.4 | **2004** | E | 420,830 | F21,N1,N42,X20 | 1700,1750 | 500,4000,9000 |
| CT4601-00_01 | 01080205 | Belcher Brook | 3.6 | **2004** | E | 420,830 | F21,N1,N42,X20 | 1700,1750 | 500,4000,9000 |
| Ct4601-01_01 | 01080205 | Crooked Brook_01 | 1.1 | 2002 | E | | F21,X1,X20,X42 | | |
| Ct4601-01_02 | 01080205 | Crooked Brook_02 | 0.3 | 2002 | E | 175,800 | F21,P1,P20,X42 | 1500 | 7000,7400,8920 |
| Ct4601-01_03 | 01080205 | Crooked Brook_03 | 1.4 | 2002 | E | | F21,X1,X20,X42 | | |
| CT4602-00_01 | 01080205 | Willow Brook_01 | 3.6 | **2004** | M | 321,331,420 | F21,N1,N20,N42 | 0,1700,1750,2400 | 500,4000,9000 |
| CT4602-00_02 | 01080205 | Willow Brook_02 | 2.5 | 2002 | E | | F21,X1,X20,X42 | | |
| CT4603-00_01 | 01080205 | Webster Brook | 3.4 | **2004** | E | 420,830 | F21,P1,P42,X20 | 1700,1750 | 500,4000,9000 |
| CT4604-00_01 | 01080205 | Sawmill Brook (Middletown) | 3 | **2004** | E | 420,830 | F21,P1,P42,X20 | 1700,1750 | 500,4000,9000 |
| CT4607-00_01 | 01080205 | COGINCHAUG_01 | 1.9 | 2000 | E | 120,190,191 | F21,T42,X1,X20 | 1700,1750 | 9000 |
| CT4607-00_02 | 01080205 | COGINCHAUG_02 | 0.3 | **2004** | M | 120,153,190,230,331,420,810,830 | F20,F21,N1,N42 | 1700,1750 | 9000 |
| CT4607-00_03 | 01080205 | COGINCHAUG_03 | 0.9 | 2000 | M | 120,153,230,321,331,375,420,830 | F1,F20,F21,F42 | | |
| CT4607-00_04 | 01080205 | COGINCHAUG_04 | 4.2 | **2004** | M | 120,152,153,230,322,331,375,420,830 | F20,F21,N1,N42 | 1700,1750 | 8650 |
| CT4607-00_05 | 01080205 | COGINCHAUG_05 | 4.7 | 2000 | M | 120,152,153,230,322,331,375,420,830 | F21,N1,N42,P62,T20 | 900,910,1700,1750,2210 | 1000,1050,1600,8600,8650 |
| CT4607-00_06 | 01080205 | COGINCHAUG_06 | 3.1 | **2004** | M | 230,420,830 | F21,N1,N42,X20 | 900,910,1700,1750 | 1000,1600 |
| CT4700-00_01 | 01080205 | Salmon River | 10.3 | **2004** | M | 120,231,321,375,420 | F1,F20,F21,F42 | | 9000,9070 |
| CT4703-01_01 | 01080205 | Cabin Brook | 1.5 | **2004** | M | 242,322,331,340,375,420 | F21,F42,X1,X20 | | |
| CT4705-00_01 | 01080205 | JEREMY RIVER_01 | 1.2 | 2000 | M | 120,230,321,375,420 | F1,F20,F21,F42 | | |
| CT4705-00_02 | 01080205 | JEREMY RIVER_02 | 7.3 | 2000 | E | 120,152,375,810,820,830 | F1,F20,F21,F42 | | |
| CT4707-00_01 | 01080205 | BLACKLEDGE RIVER | 10.2 | 2000 | M | 120,125,230,331 | F1,F20,F21,F42 | | |
| CT4707-06_01 | 01080205 | Flat Brook, Marlborough | 2 | **2004** | M | 242,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT4707-12_01 | 01080205 | Lyman Brook | 3.7 | 2000 | M | 230,322,375,420 | F1,F20,F21,F42 | | |
| CT4709-00_01 | 01080205 | Pine Brook_01 | 2.9 | 2000 | M | 120,125 | F1,F20,F21,F42 | | |
| CT4709-00_02 | 01080205 | Pine Brook_02 | 4.5 | 2000 | M | 120,125,150,152,153,322,331 | F20,F21,X1,X42 | | |
| CT4709-04_01 | 01080205 | Pocotopaug Creek_01 | 2 | 2000 | E | 120,150,321 | F20,F21,X1,X42 | | |
| CT4709-04_02 | 01080205 | Pocotopaug Creek_02 | 2.1 | 2000 | M | 120,222 | F21,F42,P1,P20 | 0,500,530,2210 | 100,120,4000,9000 |
| CT4800-00_01 | 01080205 | EIGHTMILE RIVER - Lyme | 8.1 | **2004** | M | 120,230,242,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT4802-00_01 | 01080205 | Eightmile River, E. Branch - Salem | 8.1 | 2000 | M | 120,153,230,321,331,375,420 | F1,F20,F21,F42 | | |
| CT5000-55_01 | 01100004 | Oyster River trib_01 - Milford | 1.3 | 2000 | M | 250,260,330 | P1,P20,T21,X42 | 0,500,560 | 4000,4500,8500 |
| CT5000-55_02 | 01100004 | Oyster River trib_02 - Milford | 0.4 | 2000 | M | 250,260,330 | F21,P1,P20,X42 | 0,500,560 | 100,4000,4500,8400,8500 |
| CT5103-00_01 | 01100004 | MENUNKETESUCK RIVER_01 | 2 | 2000 | E | 190,230,321,331,375,420 | F21,T1,T20,T42 | 1500 | 7000,7350,7400 |
| CT5103-00_02 | 01100004 | MENUNKETESUCK RIVER_02 | 2 | 2002 | M | 120,230,321,331,375,420 | F21,P1,P20,T42 | 1500 | 7000,7350,7400 |
| CT5103-00_03 | 01100004 | MENUNKETESUCK RIVER_03 | 5.7 | 2000 | M | 322,375 | F20,F21,F50,X1,X42 | | |
| CT5104-00_01 | 01100004 | Indian River - Clinton | 5.7 | 2000 | E | 120 | F21,X1,X20,X42 | | |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT5105-01_01 | 01100005 | Pond Meadow Brook | 0.7 | **2004** | M | 242,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT5106-00_01 | 01100004 | HAMMONASSET RIVER | 7.8 | 2000 | M | 120,230,321,331,420 | F21,F42,T1,T20 | 1500 | 7000,7350,7400 |
| CT5106-00_02 | 01100004 | HAMMONASSET RIVER | 2.6 | 2000 | M | 120,210 | F1,F20,F21,F42,F50 | | |
| CT5106-00_03 | 01100004 | HAMMONASSET RIVER | 3.3 | 2000 | E | 120,130,190,191 | F1,F20,F21,F42,F50 | | |
| CT5107-00_01 | 01100004 | Neck River | 9 | **2004** | M | 242,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT5108-00_01 | 01100004 | East River - Guilford | 3 | 2000 | E | 120 | F21,X1,X20,X42 | | |
| CT5110-00_01 | 01100004 | WEST RIVER (GUILFORD) | 2.1 | 2000 | E | 120,130,150,170,190,331 | F20,F21,X1,X42 | | |
| CT5110-00_02 | 01100004 | WEST RIVER (GUILFORD) | 5.2 | 2000 | E | 230,321,375,420 | F1,F20,F21,F42 | | |
| CT5111-00_01 | 01100004 | BRANFORD RIVER | 2.8 | 2000 | E | 120 | F21,X1,X20,X42 | | |
| CT5111-00_02 | 01100004 | BRANFORD RIVER | 3 | 2000 | M | 230,321,331,375,420 | F20,F21,T1,T42 | 1700,1750 | 9000 |
| CT5112-00_01 | 01100004 | FARM (EAST HAVEN) RIVER | 6 | **2004** | M | 242,331,340,375,420 | F21,T1,T42,X20 | 1700,1750 | 9000 |
| CT5112-00_02 | 01100004 | FARM (EAST HAVEN) RIVER | 1.1 | 2000 | M | 230,321,331,375,420,860 | F21,N1,N42,P20,P50 | 0,900,1700,1750 | 1000,1350,1600 |
| CT5112-00_03 | 01100004 | FARM (EAST HAVEN) RIVER | 8.3 | **2004** | E | 150,322,331,375,860 | F20,F21,T50,X1,X42 | 900 | 1000,1350,3000,3200,4000 |
| CT5112-10_01 | 01100004 | Burrs Brook | 1.6 | 2000 | E | 210,860 | F21,P1,P20,P62,T50,X42 | 900,1300,2500 | 5000,5100 |
| CT5200-00_01 | 01100004 | QUINNIPIAC RIVER_01 | 5 | **2004** | M | 231,321,330,420,510,520,530,540,840,850 | F21,N1,N42,P20 | 0,400,900,920,1100,1200,1700,1750 | 100,200,3000,3200,4000,6000,6300,9000 |
| CT5200-00_02 | 01100004 | QUINNIPIAC RIVER_02 | 8.3 | **2004** | M | 231,250,260,321,330,375,420,550 | F21,N1,N42,P20 | 0,400,900,920,1100,1200,1700,1750 | 100,200,3000,3200,4000,6000,6300,9000 |
| CT5200-00_03 | 01100004 | QUINNIPIAC RIVER_03 | 1.5 | **2004** | M | 231,260,321,331,375,420,550 | N1,N42,P20,P21 | 0,410,900,1100,1200,1500,1700,1750 | 200,3000,3200,4000,6000,6300,7000,7400,8200,8920,9000 |
| CT5200-00_04 | 01100004 | QUINNIPIAC RIVER_04 | 4.6 | 2000 | M | 231,321,331,375,420 | N1,N21,N42,P20 | 0,410,900,1100,1200,1500,1700,1750 | 3000,3200,4000,6000,6300,7000,7400,8200,8920,9000 |
| CT5200-00_05 | 01100004 | QUINNIPIAC RIVER_05 | 7.7 | 2000 | M | 230,260,321,331,375,810,830 | F42,N1,N21,P20 | 0,410,900,1100,1200,1500 | 200,3000,3200,6000,6300,7000,7400,8200,8920,9000 |
| CT5200-00_06 | 01100004 | QUINNIPIAC RIVER_06 | 2.9 | 2000 | M | 260,550,820 | N1,N20,N21,T42 | 0,410,900,1100,1200,1500,1700,1750 | 200,3000,3200,4000,6000,6300,7000,7400,8200,8920,9000 |
| CT5200-00_07 | 01100004 | QUINNIPIAC RIVER_07 | 3.6 | 2000 | M | 820 | F21,N1,N20,X42 | 0,1600 | 4000,5000,5100,7000,7100,9000 |
| CT5200-02_01 | 01100004 | Patton Brook | 2.6 | 2002 | E | 130,175 | F21,T20,X1,X42 | 1500 | 7000,7400,8920 |
| CT5200-07_01 | 01100004 | Honeypot Brook | 4.1 | 2000 | M | 321,331,810,820,830 | F21,T1,T20,T42 | 0,1500 | 7000,7400,8920,9000 |
| CT5200-23_01 | 01100004 | Hemingway Creek | 0.8 | **2004** | M | 322,820 | F21,P20,X1,X42 | 0 | 9000 |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT5201-00_01 | 01100004 | EIGHTMILE RIVER - Southington | 3.3 | **2004** | M | 230,260,321,331,375,420 | F20,N1,N21,T42 | 410,1700,1750 | 8200,9000 |
| CT5201-00_02 | 01100004 | EIGHTMILE RIVER - Southington | 2.4 | 2000 | M | 230,260,321,370,420 | F1,F20,F21,F42 | | |
| CT5201-04_01 | 01100004 | Dayton Brook | 1.7 | 2000 | M | 120,820 | F20,F21,X1,X42 | | |
| CT5201-08_01 | 01100004 | Roaring Brook | 2.1 | 2002 | E | 120,130,175 | F21,T20,X1,X42 | 1500 | 7000,7350,7400 |
| CT5202-00_01 | 01100004 | Tenmile River - Southington_01 | 3.6 | 2000 | M | 230,321 | F21,F42,P1,P20 | 0,1100 | 4000,6000,6300,9000 |
| CT5202-00_02 | 01100004 | Tenmile River - Southington_01 | 1.7 | 2000 | M | 230,321,331,375,420 | F1,F20,F21,F42 | | |
| CT5203-00_01 | 01100004 | Misery Brook_01 | 4.2 | 2000 | M | 120,331,810,820,830 | F21,P1,P20,T42 | 0,1500 | 1000,1050,1200,7000,7400,8920 |
| CT5203-00_02 | 01100004 | Misery Brook_02 | 0.8 | 2002 | E | | F21,X1,X20,X42 | | |
| CT5205-00_01 | 01100004 | Sodom Brook | 3.8 | 2002 | M | 331,420,810,820,830 | F21,N1,N20,N42 | 0,1100,1500,1700,1750 | 4000,7000,7350,7400,8920,9000 |
| CT5206-00_01 | 01100004 | Harbor Brook_01 | 2.1 | 2002 | M | 230,331,370,420,810,820,830 | F21,P1,P20,T42 | 0,1100,1500,1700,1750 | 4000,7000,7350,7400,8920,9000 |
| CT5206-00_02 | 01100004 | Harbor Brook_02 | 0.4 | 2000 | E | 175 | A1,A20,A42,F21 | 1600 | 7000,7100 |
| CT5206-00_03 | 01100004 | Harbor Brook_03 | 1.5 | 2002 | M | 150,331,370,820 | F21,P1,P20,X42 | 0,1100,1500 | 4000,7000,7350,7400,8920,9000 |
| CT5207-00_01 | 01100004 | Wharton Brook_01 | 3.8 | 2000 | E | 120,810,820,830 | F21,P1,P20,T42 | 0,1100,1700,1750 | 3000,3200,4000,4600,8700,8710,9000 |
| CT5207-00_02 | 01100004 | Wharton Brook_02 | 2.8 | 2000 | M | 820 | F20,F21,X1,X42 | | |
| CT5207-02_01 | 01100004 | Allen Brook_01 | 0.1 | **2004** | M | 420 | F21,T1,T42,X20 | 1700,1750 | 8600 |
| CT5207-02_02 | 01100004 | Allen Brook_02 | 1.8 | | M | 420 | F21,N1,N42,X20 | 1700,1750 | 8600 |
| CT5208-00_01 | 01100004 | Muddy Brook_01 | 0.8 | 2000 | E | 120 | F21,X1,X20,X42 | | |
| CT5208-00_02a | 01100004 | Muddy Brook_02a | 8.7 | 2002 | M | 120,230,321,331,375,420,810,820,830 | F21,T1,T20,T42 | 1500,1700,1750 | 1000,1050,1200,7000,7350,7400,9000 |
| CT5208-00_02b | 01100005 | Muddy Brook_02b | 1.2 | **2004** | M | 120,230,321,331,375,420,810,820,831 | F21,P1,P20,T42 | 1400, 1500,1700,1750 | 1000,7000,7350,7400,9000 |
| CT5208-00_03 | 01100004 | Muddy Brook_03 | 2 | 2000 | M | 230,321,331,375,420,810,820,830,860 | F21,T1,T20,T42,T50 | 1200,1500,1700,1750 | 1000,7000,7350,7400,9000 |
| CT5208-00_04 | 01100004 | Muddy Brook_04 | 0.9 | 2000 | M | 810,820,830 | F21,T20,T50,X1,X42 | 0 | |
| CT5302-00_01 | 01100004 | Mill River - New Haven_01 | 1.7 | 2000 | E | 120,175,230,420,820 | F21,N1,N42,P20 | 0,900,1200,1700,1750 | 400,4000 |
| CT5302-00_02 | 01100004 | Mill River - Hamden/Cheshire_02 | 8.8 | **2004** | M | 120,230,321,331,340,375,420,860 | F21,T1,T20,T42,T50 | 900,1100,1200,1500,1700,1750 | 3000,3100,3200,4000,4500,6000,6350,7000,7400,8920 |
| CT5302-00_03 | 01100004 | Mill River - Cheshire_03 | 3 | 2000 | E | 120 | F21,X1,X20,X42 | | |
| CT5303-00_01 | 01100004 | Sargent River | 3.9 | 2000 | E | 150,820,860 | F20,F21,F50,X1,X42 | | |
| CT5305-00_01 | 01100004 | WEST RIVER (WEST HAVEN) | 3.3 | 2000 | M | 120,230,321,331,375,420,810,820 | F21,N1,N20,N42 | 0,1100,1500,1700,1750 | 400,4000,7000,7350,7400 |
| CT5305-00_02 | 01100004 | WEST RIVER (WEST HAVEN) | 3.2 | 2000 | M | 810,820,830 | F21,F42,F50,T1,T20 | 1500 | 7000,7350,7400 |
| CT5306-00_01 | 01100004 | Indian River - Milford | 4.9 | 2000 | E | 120 | F21,X1,X20,X42 | | |
| CT5307-00_01 | 01100004 | WEPAWAUG RIVER | 0.8 | 2000 | M | 230,420 | F20,F21,N1,N42 | 1700,1750 | 8650 |
| CT5307-00_02 | 01100004 | WEPAWAUG RIVER | 4.2 | 2000 | M | 230,321,331,375,420 | F20,F21,P1,P42 | 1700,1750 | 8650,9000 |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT5307-00_03 | 01100004 | WEPAWAUG RIVER | 2.3 | 2000 | E | 130,190,191 | F1,F20,F21,F42 | | |
| CT5307-00_04 | 01100004 | WEPAWAUG RIVER | 3.1 | 2000 | M | 130,190,191 | F1,F20,F21,F42,F50 | | |
| CT5307-00_05 | 01100004 | WEPAWAUG RIVER | 1 | 2000 | M | 230,420,820 | F20,F21,X1,X42 | | |
| CT6000-00_01 | 01100005 | HOUSATONIC RIVER_01 | 2.8 | 2002 | E | 170,191,510 | F20,F21,P1,P42 | 1700,1750 | 200,4000 |
| CT6000-00_02 | 01100005 | HOUSATONIC RIVER_02 | 1.5 | 2002 | M | 170,191,231,331,420 | F20,F21,P1,P42 | 1700,1750 | 200,4000 |
| CT6000-00_03 | 01100005 | HOUSATONIC RIVER_03 | 5.1 | **2004** | M | 231,250,260,321,375,420,510 | F20,F42,P1,P21 | 410 | 100,8500,9050 |
| CT6000-00_04 | 01100005 | HOUSATONIC RIVER_04 | 8 | **2004** | M | 120,231,250,260,321,375,420,510 | F42,P1,P20,P21 | 410,1500 | 100,7000,7400,7450,8500,9050 |
| CT6000-00_05 | 01100005 | HOUSATONIC RIVER_05 | 6.6 | 2002 | M | 231,250,260,321,375,420,510 | F20,F42,P1,P21 | 410 | 100,8500,9050 |
| CT6000-00_06 | 01100005 | HOUSATONIC RIVER_06 | 18.3 | **2004** | M | 231,250,260,321,340,375,420,510 | F42,P1,P20,P21 | 410,1500 | 100,7000,7400,7450,8500,9050 |
| CT6000-00_07 | 01100005 | HOUSATONIC RIVER_07 | 7.3 | **2004** | M | 231,250,260,321,375,420,510 | F20,P1,P21,T42 | 410,1700,1750 | 100,8500,9000,9050 |
| CT6000-62_01 | 01100005 | Fivemile Brook | 2.2 | **2004** | M | 242,322,331,340,375 | F1,F20,F21,F42 | | |
| CT6001-00_01 | 01100005 | Sages Ravine Brook_01 | 0.7 | **2004** | E | | F21,X1,X20,X42 | | |
| CT6001-00_02 | 01100005 | Sages Ravine Brook_02 | 0.7 | **2004** | M | 242,321,331,340,420 | F1,F20,F21,F42 | | |
| CT6004-00_01 | 01100005 | Konkapot River | 2 | 2002 | M | 130,150,260,330 | P1,P21,T20,X42 | 500,560,900 | 1000,9000 |
| CT6005-00_01 | 01100005 | FACTORY BROOK | 1.7 | 2002 | M | 120,240,322,331,375,510,820 | F21,P1,P20,T42 | 0,500,530,550,580,600 | 200 |
| CT6005-00_02 | 01100005 | FACTORY BROOK | 1.1 | 2002 | M | 120,231,240,510,820 | F1,F20,F21,F42 | | |
| CT6006-00_01 | 01100005 | SPRUCE SWAMP CREEK | 2.7 | 2002 | E | 150,331,820 | F20,F21,X1,X42 | | |
| CT6006-01_01 | 01100005 | Moore Brook | 1.7 | 2002 | E | 130,190,191 | F20,F21,X1,X42 | | |
| CT6007-00_01 | 01100005 | SALMON CREEK | 5.8 | 2002 | M | 120,242,321,820 | F1,F20,F21,F42 | | |
| CT6008-00_01 | 01100005 | Mill Brook - Cornwall_01 | 1.6 | 2002 | E | | F21,X1,X20,X42 | | |
| CT6008-00_02 | 01100005 | Mill Brook - Cornwall_02 | 2.2 | 2002 | E | 230,321,331,420 | F21,P1,P20,T42 | 0,900,910,1700,1750 | 1000,1350,9000 |
| CT6010-00_01 | 01100005 | FURNACE BROOK | 3.6 | 2002 | M | 120,331,820 | F1,F20,F21,F42 | | |
| CT6013-00_01 | 01100005 | COBBLE BROOK | 3.3 | 2002 | M | 331,820 | F1,F20,F21,F42 | | |
| CT6016-03_02 | 01100005 | Bull Mountain Brook | 3 | **2004** | M | 242,321,331,340,420 | F1,F20,F21,F42 | | |
| CT6019-00_01 | 01100005 | DEEP BROOK | 5.3 | 2002 | M | 120,150,331 | F20,F21,X1,X42 | | |
| CT6020-00_01 | 01100005 | POOTATUCK RIVER_01 | 2.3 | 2002 | M | 120,150,240,321,331,510,700 | F21,T1,T20,T42 | 0 | 200 |
| CT6020-00_02 | 01100005 | POOTATUCK RIVER_02 | 7.7 | 2002 | M | 120,150,240,321,331,510,700 | F20,F21,T1,T42 | 1700,1750 | 9000 |
| CT6023-00_01 | 01100005 | EIGHTMILE BROOK | 11.4 | 2002 | M | 120,240,321,820 | F1,F20,F21,F42 | | |
| CT6025-00_01 | 01100005 | FARMILL RIVER | 0.6 | 2002 | E | 120,190,191 | F21,T20,X1,X42 | | |
| CT6025-00_02 | 01100005 | FARMILL RIVER_02 | 3.9 | 2002 | M | 120,220,321,420 | F20,F21,P1,P42 | | |
| CT6025-00_03 | 01100005 | FARMILL RIVER_03 | 3 | 2002 | E | | F21,X1,X20,X42 | | |
| CT6025-00_04 | 01100005 | FARMILL RIVER_04 | 3.6 | 2002 | E | 130,150,152,153,322,331,860 | F1,F20,F21,F42,F50 | | |
| CT6026-00_01 | 01100005 | Pumpkin Ground Brook | 2.9 | **2004** | M | 242,322,331,340,375,420 | F21,T42,X1,X20 | 1700,1750 | 9000 |
| CT6100-00_01 | 01100005 | BLACKBERRY RIVER_01 | 0.8 | **2004** | M | 120,150,180,190,240,321,331,510 | F42,P1,P20,P21 | 100,410,600 | 5000,5100,8200,9050 |
| CT6100-00_02a | 01100005 | BLACKBERRY RIVER_02a | 2.5 | **2004** | M | 120,240,260,321,331 | F42,P1,P20,P21 | 100,410,600 | 5000,5100,8200,9050 |
| CT6100-00_02b | 01100005 | BLACKBERRY RIVER_02b | 1.3 | **2004** | M | 120,240,260,321,331 | F20,F42,P1,P21 | 410 | 8200,9050 |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT6100-00_03 | 01100005 | BLACKBERRY RIVER_03 | 3.6 | **2004** | E | 120,190,240,260,321,331,420 | F20,F21,T1,T42 | 1700,1750 | 1000,1050 |
| CT6100-00_04 | 01100005 | BLACKBERRY RIVER_04 | 1 | 2002 | M | 120,150,180,190,240,331,510,700 | F21,T1,T20,T42 | 600,700 | 200,220 |
| CT6100-00_05 | 01100005 | BLACKBERRY RIVER_05 | 1 | 2002 | E | | F21,X1,X20,X42 | | |
| CT6200-00_01 | 01100005 | HOLLENBECK RIVER | 12.9 | **2004** | M | 120,240,321,331,340 | F1,F20,F21,F42 | | |
| CT6300-00_01 | 01100005 | Tenmile River - Sherman_01 | 0.6 | 2002 | M | 120,150,231,322 | F1,F20,F21,F42 | | |
| CT6301-00_01 | 01100005 | Mudge Pond Brook_01 | 1.2 | 2002 | M | 120,230,322,510,840 | F1,F20,F21,F42 | | |
| CT6301-00_02 | 01100005 | Mudge Pond Brook_02 | 1.3 | 2002 | M | 120,230,321 | F1,F20,F21,F42 | | |
| CT6401-00_01 | 01100005 | Sawmill Brook (Sherman) | 2.4 | **2004** | M | 242,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT6500-00_01 | 01100005 | ASPETUCK RIVER | 12.9 | 2002 | M | 120,240,321 | F20,F21,X1,X42,X50 | | |
| CT6502-00_01 | 01100005 | EAST ASPETUCK RIVER | 1.4 | 2002 | M | 120,240,321,820 | F1,F20,F21,F42 | | |
| CT6502-00_02 | 01100005 | EAST ASPETUCK RIVER | 4.6 | 2002 | M | 120,240,321 | F21,T1,T20,T42 | 0,1100 | 1000,1350,1410,4000,4500 |
| CT6502-00_03 | 01100005 | EAST ASPETUCK RIVER | 3.3 | 2002 | E | 120,190 | F1,F20,F21,F42 | | |
| CT6502-01_01 | 01100005 | Lake Waramaug Brook | 5 | **2004** | M | 130,150,152,242,321,331,340,375,420 | F20,F21,T1,T42 | 1700,1750 | 1000,1350,1400 |
| CT6600-00_01 | 01100005 | STILL RIVER_01 | 6.8 | 2002 | E | 120,190,191,610,700 | F21,P1,P20,P42 | 0,1100,1700,1750 | 200,4000,8700,8710 |
| CT6600-00_02 | 01100005 | STILL RIVER_02 | 5.7 | **2004** | M | 120,230,260,321,331,350,420,510,540,700 | F21,N1,N42,P20 | 0,1100,1700,1750 | 200,4000,8700,8710 |
| CT6600-00_03 | 01100005 | STILL RIVER_03 | 2.2 | 2002 | M | 120,230,260,321,331,350,375,420 | F21,F42,P1,P20 | 0,1100 | 4000,8700,8710 |
| CT6600-00_04 | 01100005 | STILL RIVER_04 | 1.5 | 2002 | M | 120,230,321,331,350,375,420 | F21,F42,P1,P20 | 0 | 4000,9000 |
| CT6600-00_05 | 01100005 | STILL RIVER_05 | 3.3 | 2002 | M | 120,230,260,321,331,350,375,420 | F21,F42,P1,P20 | 0 | 4000,9000 |
| CT6600-00_06 | 01100005 | STILL RIVER_05 | 0.9 | 2002 | E | | F21,X1,X20,X42 | | |
| CT6603-00_01 | 01100005 | PADANARAM BROOK | 3.7 | 2002 | M | 120,175,230,420,820 | F21,P1,P20,T42 | 0,1100,1600,1700,1750 | 4000,7000,7100,7350,7550,7600 |
| CT6604-00_01 | 01100005 | SYMPAUG BROOK_01 | 0.6 | 2002 | M | 120,240,321,700 | F21,P1,P20,T42 | 0,900,910,1200,1700,1750 | 4000,9000 |
| CT6604-00_02 | 01100005 | SYMPAUG BROOK_02 | 2.9 | 2002 | E | 240,331,420 | F20,F21,T1,T42 | 1700,1750 | 9000 |
| CT6606-00_01 | 01100005 | LIMEKILN BROOK_01 | 0.3 | **2004** | M | 120,240,260,331,420,510,700 | F21,P1,P20,T42 | 500,530,580,600,700,1700,1750 | 200,210,6000,6300 |
| CT6606-00_02 | 01100005 | LIMEKILN BROOK_02 | 1.1 | 2002 | M | 120,240,260,331,510,700 | F1,F20,F21,F42 | | |
| CT6606-00_03 | 01100005 | LIMEKILN BROOK_03 | 5.3 | **2004** | M | 120,242,260,321,331,340,375,420,510,700 | F1,F20,F21,F42 | | |
| CT6700-00_01 | 01100005 | SHEPAUG RIVER | 17.7 | **2004** | M | 120,230,321,331,350 | F20,F21,P1,P42,X50 | 1700,1750 | 9000 |
| CT6700-00_02 | 01100005 | SHEPAUG RIVER | 3.5 | 2002 | M | 120,230,321,331,350 | F21,F50,P1,P20,P44,P62,T42 | 1400,1500 | 7000,7350,7400 |
| CT6705-00_01 | 01100005 | BANTAM RIVER_01 | 4.4 | 2002 | M | 120,240,321,331 | F1,F20,F21,F42 | | |
| CT6705-00_02 | 01100005 | BANTAM RIVER_02 | 2 | 2002 | E | 120,331,510,840 | F21,T20,X1,X42 | 700,1500 | 200,220,7000,7450 |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT6705-00_03 | 01100005 | BANTAM RIVER_03 | 1.5 | 2002 | E | | F21,F82,X1,X20,X42 | | |
| CT6705-00_04 | 01100005 | BANTAM RIVER_04 | 10.8 | **2004** | M | 242,322,331,340,375,420 | F1,F20,F21,F42 | | |
| CT6705-12_01 | 01100005 | Hill Brook | 2.5 | 2002 | E | | F21,X1,X20,X42 | | |
| CT6800-00_01 | 01100005 | POMPERAUG RIVER_01 | 2.6 | **2004** | E | 130,190 | F20,F21,X1,X42 | | |
| CT6800-00_02 | 01100005 | POMPERAUG RIVER_02 | 2 | 2002 | M | 120,240,321 | F20,F21,X1,X42 | | |
| CT6800-00_03 | 01100005 | POMPERAUG RIVER_03 | 1.3 | 2002 | E | 120,240,260,322,331 | F21,T1,T20,T42 | 1700,1750 | 200,220 |
| CT6800-00_04 | 01100005 | POMPERAUG RIVER_04 | 7.2 | **2004** | M | 120,242,260,321,331,340,375,420 | F1,F20,F21,F42 | | |
| CT6802-00_01 | 01100005 | NONEWAUG RIVER_01 | 4 | 2002 | M | 120,240,321,331 | F1,F20,F21,F42 | | |
| CT6802-00_02 | 01100005 | NONEWAUG RIVER_02 | 4.4 | 2002 | E | 130,190,191 | F21,F42,T1,T20 | 1500 | 7000,7400,8920 |
| CT6802-00_03 | 01100005 | NONEWAUG RIVER_03 | 1.1 | 2002 | E | | F21,X1,X20,X42 | | |
| CT6802-05_01 | 01100005 | Harvey Brook | 2.1 | 2002 | E | | F21,X1,X20,X42 | | |
| CT6804-00_01 | 01100005 | WEEKEEPEEMEE RIVER | 9 | 2002 | E | 120,130,170,322,331 | F20,F21,X1,X42 | | |
| CT6804-04_01 | 01100005 | Wood Creek | 3.3 | **2004** | M | 242,322,331,340,375,420 | F1,F20,F21,F42 | | |
| CT6806-00_01 | 01100005 | TRANSYLVANIA BROOK_01 | 1.1 | 2002 | M | 230,321,331,420,510 | F21,P1,P20,T42 | 500,530,580,600,700,900,910,1100,1700,1750 | 200,220,7550,7700 |
| CT6806-00_02 | 01100005 | TRANSYLVANIA BROOK_02 | 0.4 | 2002 | M | 230,321,331,420 | F20,F21,P1,P42 | 1700,1750 | 9000 |
| CT6806-00_03 | 01100005 | TRANSYLVANIA BROOK_03 | 3.8 | 2002 | M | 150,152,322,331 | F20,F21,X1,X42 | | |
| CT6900-00_01 | 01100005 | NAUGATUCK RIVER_01 | 6 | **2004** | M | 120,231,260,321,331,350,420,510,610 | F21,N1,N42,P20 | 0,1700,1750 | 100,200,500,4000 |
| CT6900-00_02 | 01100005 | NAUGATUCK RIVER_02 | 11 | **2004** | M | 120,175,231,260,321,331,350,420,510,610,700 | F21,N1,N42,P20 | 0,1700,1750 | 100,200,500,4000,5000,5400 |
| CT6900-00_03 | 01100005 | NAUGATUCK RIVER_03 | 3.9 | **2004** | M | 230,260,321,331,340,350,375,420,510,610,700 | F21,N1,N42,P20 | 0,500,530,1700,1750 | 100,200,500,4000 |
| CT6900-00_04 | 01100005 | NAUGATUCK RIVER_04 | 1.5 | 2002 | M | 120,130,175,230,260,321,331,350,510,610,700 | F21,N1,N42,P20 | 0,1700,1750 | 100,200,500,4000 |
| CT6900-00_05 | 01100005 | NAUGATUCK RIVER_05 | 4.7 | **2004** | M | 231,260,321,331,340,350,375,420,510,520,610 | F21,P1,P20,P42 | 0,500,1200,1600,1700,1750,2400 | 100,200,4000,5000,5400 |
| CT6900-00_06 | 01100005 | NAUGATUCK RIVER_06 | 8.9 | **2004** | M | 120,230,260,321,331,350,420,510,520,610 | F21,T1,T20,T42 | 0,1700,1750,2400 | 100,9000 |
| CT6900-00_07 | 01100005 | NAUGATUCK RIVER_07 | 2.6 | 2002 | M | 120,125,230,260,321,331,350,510,610 | F21,P1,P20,X42 | 0,1500,1600 | 100,200,4000,7000,7400 |
| CT6900-00_08 | 01100005 | NAUGATUCK RIVER_08 | 1.5 | 2002 | M | 120,125,230,260,321,331,350 | F21,T20,X1,X42 | 0,1600 | 100,4000,7000,7100 |
| CT6900-22_01 | 01100005 | Great Brook | 2 | **2004** | E | 230,420 | A1,A20,F21,N42 | 1600,1700,1750 | 500,7000,7100,9000 |
| CT6900-27_01 | 01100005 | SPRUCE BROOK | 2.5 | 2002 | M | 120,240,321,331 | F1,F20,F21,F42 | | |
| CT6900-28_01 | 01100005 | HOCKANUM BROOK | 3 | 2002 | M | 120,240,321,331,420 | F1,F20,F21,F42 | | |
| CT6902-00_01 | 01100005 | Hart Brook | 0.5 | 2002 | E | 120 | F21,P1,P20,X42 | 1500 | 7000,7350,7400 |
| CT6903-00_01 | 01100005 | Nickel Mine Brook | 0.3 | 2002 | E | 120 | F21,P1,P20,X42 | 1500 | 7000,7350,7400 |
| CT6903-02_01 | 01100005 | Lovers Lane Brook | 2.9 | 2002 | E | | F21,X1,X20,X42 | | |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT6904-00_01 | 01100005 | NAUGATUCK RIVER, WEST BRANCH | 1 | 2002 | E | 120,130,175 | F21,P1,P20,X42 | 0,1600 | 4000,7000,7100,7550,7600 |
| CT6904-00_02 | 01100005 | NAUGATUCK RIVER, WEST BRANCH_02 | 0.6 | 2002 | E | | F21,X1,X20,X42 | | |
| CT6904-00_03 | 01100005 | NAUGATUCK RIVER, WEST BRANCH_03 | 2 | 2002 | M | 120,240,321,331,420 | F1,F20,F21,F42 | | |
| CT6904-00_04 | 01100005 | NAUGATUCK RIVER, WEST BRANCH_04 | 1.1 | 2002 | E | 130,150,190 | F20,F21,X1,X42 | | |
| CT6905-00_01 | 01100005 | Naugatuck River, East Branch_01 | 0.8 | 2002 | M | 120,240,321,331,420 | F21,T1,T20,T42 | 0,1600,1700,1750 | 7550,7600,9000 |
| CT6905-00_02 | 01100005 | Naugatuck River, East Branch_01 | 6.6 | 2002 | M | 120,321,331 | F20,F21,X1,X42 | | |
| CT6910-00_01 | 01100005 | Branch Brook_01 | 2 | 2002 | E | 120 | F21,T1,T20,X42 | 1500 | 7000,7350,7400 |
| CT6910-00_02 | 01100005 | Branch Brook_2 | 1.9 | 2002 | E | 120 | F21,P1,P20,X42 | 1500 | 7000,7350,7400 |
| CT6912-00_01 | 01100005 | STEELE BROOK_01 | 1 | **2004** | M | 120,230,321,331,420,540,820 | F21,N1,N20,N42 | 500,530,1100,1700,1750 | 100,4000,8910,9000 |
| CT6912-00_02 | 01100005 | STEELE BROOK_02 | 3.7 | **2004** | M | 120,240,321,331,420,510,540,820 | F21,P1,P20,P42 | 0,500,530,1100,1700,1750 | 4000,6000,6300,7000,7100,9000 |
| CT6912-00_03 | 01100005 | STEELE BROOK_03 | 3.6 | **2004** | M | 120,240,321,331,420,510,540,820 | F1,F21,F42,T20 | 500,530,550 | |
| CT6914-00_01 | 01100005 | MAD RIVER (WATERBURY)_01 | 1.7 | **2004** | M | 120,240,260,321,420,540 | F21,N1,N20,P42 | 0,500,530,1100,1600,1700,1750,2400 | 100,4000,6000,6100,7000,7100,9000 |
| CT6914-00_02 | 01100005 | MAD RIVER (WATERBURY)_02 | 0.8 | 2002 | E | 120,130,190,191 | F21,P1,P20,P42 | 0,1100,1600,1700,1750,2400 | 100,500,4000,7000,7100,9000 |
| CT6914-00_03 | 01100005 | MAD RIVER (WATERBURY)_03 | 3.9 | 2002 | E | 120,130,150,322,331 | F21,P20,X1,X42 | 0,1100,1600 | 100,4000,7000,7100,9000 |
| CT6914-00_04 | 01100005 | MAD RIVER (WATERBURY)_04 | 3.9 | 2002 | E | | F21,X1,X20,X42 | | |
| CT6919-00_01 | 01100005 | BLADENS RIVER_01 | 0.6 | 2002 | M | 120,240,321,331,420,540 | F21,P1,P20,P42 | | |
| CT6919-00_02 | 01100005 | BLADENS RIVER_02 | 3.8 | **2004** | M | 120,240,321,331,420,540,820 | F1,F20,F21,F42 | | |
| CT6919-04_01 | 01100005 | Bladdens River Trib | 0.3 | **2004** | E | 140 | F21,P1,P20,X42 | 1900 | 8400 |
| CT6920-00_01 | 01100005 | LITTLE RIVER (SEYMOUR)_01 | 1.1 | 2002 | M | 120,240,322,331,420,540 | F21,T42,X1,X20 | 0,1600,1700,1750 | 7000,7350,7550,7600,9000 |
| CT6920-00_02 | 01100005 | LITTLE RIVER (SEYMOUR)_02 | 2.8 | 2002 | M | 120,240,321,331,540 | F20,F21,X1,X42 | | |
| CT6920-00_03 | 01100005 | LITTLE RIVER (SEYMOUR)_02 | 4.4 | 2002 | M | 120,190,191 | F1,F20,F21,F42 | | |
| CT7000-22_01 | 01100006 | Indian River_01 | 0.6 | **2004** | E | 200,420,810,830 | F21,N1,N42,T20 | 1600,1700,1750 | 6000,6500 |
| CT7000-22_02 | 01100006 | Indian River_02 | 0.2 | **2004** | E | 200,420,810,830 | F21,T1,T20,T42 | 1600,1700,1750 | 9000 |
| CT7105-00_01 | 01100006 | Pequonnock River - lower section | 1.4 | 2000 | E | 120 | F21,X1,X20,X42 | | |
| CT7105-00_02 | 01100006 | Pequonnock River | 2.1 | 2000 | M | 230,321,375,420 | F21,P1,P20,T42 | 0,1200,1700,1750 | 9000 |
| CT7105-00_03 | 01100006 | PEQUONNOCK RIVER | 3.8 | 2000 | E | 130,150,170,190,331,375 | F21,P1,P20,X42 | | |
| CT7105-00_04 | 01100006 | PEQUONNOCK RIVER | 1.5 | **2004** | M | 230,321,420 | F20,F21,T1,T42 | 1700,1750 | 9000 |
| CT7105-00_05 | 01100006 | Pequonnock River | 2.5 | 2000 | E | 120 | F21,X1,X20,X42 | | |
| CT7106-00_01 | 01100006 | Rooster River | 5.4 | **2004** | M | 175,860 | F21,N42,X1,X20 | 1700,1750 | 400,500,4000,9000 |
| CT7108-00_01 | 01100006 | MILL RIVER - Fairfield_01 | 2.8 | **2004** | M | 150,152,153,210,331,420,860 | F20,F21,T1,T42 | 1700,1750 | 9000 |
| CT7108-00_02 | 01100006 | MILL RIVER - Fairfield/Easton_02 | 4 | **2004** | M | 120,125,140,230,321,375,420,820,860 | F21,N1,N42,P20 | 700,1500,1700,1750 | 1000,4000,7000,7350,7400,8400,9000 |
| CT7108-00_03 | 01100006 | MILL RIVER - Easton/Monroe_03 | 3.3 | 2000 | E | 130,150,322,375 | F21,T20,T50,X1,X42 | 0 | |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT7109-00_01 | 01100006 | Sasco Brook | 1.3 | **2004** | M | 210,231,321,420 | F20,F21,N1,N42 | 1700,1750 | 4000,6000,6500,9000 |
| CT7109-00_02 | 01100006 | Sasco Brook | 4.8 | **2004** | M | 150,210,231,321,331,420,860 | F20,F21,N1,N42 | 1700,1750 | 1000,1350,4000,6000,6500,9000 |
| CT7200-00_01 | 01100006 | SAUGATUCK RIVER | 0.8 | **2004** | M | 120 | F21,F42,X1,X20 | | |
| CT7200-00_02 | 01100006 | SAUGATUCK RIVER | 5.9 | **2004** | M | 120,230,321,331,375,420 | F20,F21,T1,T42 | 1700,1750 | 9000 |
| CT7200-00_03 | 01100006 | Saugatuck River | 3.6 | **2004** | M | 231,321,331,375,420,860 | F1,F20,F21,F42,F50 | | |
| CT7200-00_04 | 01100006 | SAUGATUCK RIVER | 5 | 2000 | E | 321,331 | F20,F21,X1,X42 | | |
| CT7202-00_01 | 01100006 | Aspetuck River | 5.1 | **2004** | M | 230,321,331,375,420,830,860 | F20,F21,P1,P42 | 1700,1750 | 9000 |
| CT7202-00_02 | 01100006 | Aspetuck River | 8.6 | 2000 | E | 150,860 | F21,T20,T50,X1,X42 | 900,1100 | 1000,3000,3200,6000,6300,8600,8700,8710 |
| CT7203-00_01 | 01100006 | West Branch Saugatuck River_01 | 6.1 | **2004** | M | 420 | F21,F42,X1,X20 | | |
| CT7203-00_02 | 01100006 | West Branch Saugatuck River_02 | 3.2 | **2004** | M | 242,322,331,375,420 | F1,F20,F21,F42 | | |
| CT7300-00_01 | 01100006 | NORWALK RIVER | 5.6 | **2004** | M | 230,231,321,331,375,420,830 | F21,N1,N42,P20 | 0,1700,1750 | 4000,9000 |
| CT7300-00_02 | 01100006 | NORWALK RIVER | 5.6 | **2004** | M | 230,321,331,420,830 | F21,P1,P42,T20 | 500,530,1700,1750 | 9000 |
| CT7300-00_03 | 01100006 | NORWALK RIVER | 0.7 | **2004** | M | 230,321,375,510,520,830 | F21,P1,P20,P42 | 0,1700,1750 | 4000,6000,6100,9000 |
| CT7300-00_04 | 01100006 | NORWALK RIVER | 0.7 | **2004** | M | 230,321,331,375,420,830 | F20,F21,P1,P42 | 1700,1750 | 9000 |
| CT7300-00_05 | 01100006 | NORWALK RIVER | 4.4 | **2004** | M | 230,321,331,375,420,705,830 | F20,F21,P1,P42 | 1700,1750 | 9000 |
| CT7300-02_01 | 01100006 | Ridgefield Brook_01 | 1 | 2000 | M | 230,321,331,375,420,705,830 | F20,F21,P1,P42 | 1700,1750 | 9000 |
| CT7300-02_02 | 01100006 | Ridgefield Brook_02 | 3.6 | **2004** | M | 150,240,340,705,810,830 | F21,N1,N42,P20 | 0,900,910,920,1200,1220,1700,1750 | 200,4000,6000,6300,8600,8650 |
| CT7300-07_01 | 01100006 | Cooper Pond Brook - DS of Candees | 0.4 | 2000 | M | 230,321,375,420 | F21,T1,T20,T42 | 1700,1750 | 9000 |
| CT7300-07_02 | 01100006 | Cooper Pond Brook - US of Candees | 1.8 | 2000 | E | 130,150,190,322,331,375 | F20,F21,X1,X42 | | |
| CT7302-00_01 | 01100006 | Silvermine River_01 | 1.1 | **2004** | E | 120,420,830 | F21,P1,P42,X20 | 1700,1750 | 9000 |
| CT7302-00_02 | 01100006 | Silvermine River_02 | 4.8 | **2004** | M | 120,230,321,331,375,420,830 | F20,F21,T1,T42 | 1700,1750 | 9000 |
| CT7302-13-trib_01 | 01100006 | Tributary to Belden Hill Brook | 1.5 | 2000 | E | 130,175,840 | F21,T1,T20,T42 | 1700,1750 | 200,222 |
| CT7401-00_01 | 01100006 | Fivemile River | 5 | 2000 | E | | F21,X1,X20,X42 | | |
| CT7401-00_02 | 01100006 | Fivemile River | 0.2 | **2004** | M | 230,275,321,322,331,340,375,420 | F21,F42,N1,N20 | 0,500,580,900 | 200,4000,6000,6300,9000 |
| CT7401-00_03 | 01100006 | Fivemile River | 1.4 | 2000 | M | 230,321,331,375,420 | F21,P1,P20,T42 | 0,1700,1750 | 4000,9000 |
| CT7401-00_04 | 01100006 | Fivemile River | 1.7 | 2000 | E | | F21,X1,X20,X42 | | |
| CT7403-00_01 | 01100006 | Noroton River | 2.7 | 2002 | E | 190 | F21,P1,P20,X42 | 0 | 9000 |
| CT7403-00_02 | 01100006 | Noroton River | 2.4 | 2000 | M | 230,321,331,375,420 | F21,P1,P20,T42 | 0,1700,1750 | 9000 |
| CT7403-00_03 | 01100006 | Noroton River | 3.6 | 2000 | E | | F21,X1,X20,X42 | | |
| CT7405-00_01 | 01100006 | RIPPOWAM RIVER_01 | 5.3 | 2000 | M | 120,210,321,331,370,420 | F21,P1,P20,T42 | 0,1700,1750 | 9000 |
| CT7405-00_02 | 01100006 | RIPPOWAM RIVER_02 | 2 | 2000 | M | 150,321,375 | F21,T20,X1,X42 | 900,1100,1500 | 4000,7000,7350,7400 |

| wbidsegid | CU | Segment Name | Miles | Cycle | Category | Assessment Methods | Uses Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT7405-00_03 | 01100006 | RIPPOWAM RIVER_03 | 4.3 | 2000 | E | 120,860 | F21,T50,X1,X20,X42 | 900,1100 | 4000,4500,4600,8650 |
| CT7407-00_01 | 01100006 | MIANUS RIVER_01 | 1.9 | 2000 | E | 120 | F21,X1,X20,X42 | | |
| CT7407-00_02 | 01100006 | MIANUS RIVER_02 | 5.8 | 2000 | M | 153,230,321,331,375,420 | F21,F42,F50,T1,T20 | 1500 | 7000,7400 |
| CT7409-00_01 | 01100006 | Horseneck Brook | 5.2 | 2000 | E | 150,152,153,860 | F21,T20,X1,X42 | 700,900,1500 | 4000,4300,7000,7350,7400 |
| CT7410-00_01 | 01100006 | East Branch of Byram River_01 | 2.8 | 2000 | E | 150,210,331,420 | F1,F20,F21,F42 | | |
| CT7410-00_02 | 01100006 | East Branch of Byram River_02 | 2.7 | **2004** | M | 242,321,331,340,420 | F21,F42,T1,T20 | 500,530,1500 | 7000,7400 |
| CT7411-00_01 | 01100006 | BYRAM RIVER_01 | 0.5 | 2000 | M | 230,321,331,375,420,860 | F21,P1,P20,T42 | 0,1700,1750 | 400,4000,4500,8650,9000,9050 |
| CT7411-00_02 | 01100006 | BYRAM RIVER_02 | 6.9 | 2000 | E | 120,150,210,321,331,375,420,860 | F1,F20,F21,F42 | | |
| CT8101-00_01 | 02030101 | Quaker Brook | 4.7 | **2004** | M | 230,321,420 | F1,F20,F21,F42 | | |
| CT8104-00_01 | 02030101 | Titicus River | 3 | **2004** | M | 230,321,331,340,375,420 | F1,F20,F21,F42 | | |

| WBIDSEGID | CU | Segment Name | Acres | Cycle | Trophic Category | Assessment Category | Assessment Methods | Use Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|---|
| CT1001-00-1-L1_01 | 01090005 | Wyassup Lake North Stonington | 92.4 | 2002 | Mesotrophic | E | 150,210,250,260,340 | F20,P1,P21,P42,P44,P62 | 500,560,2200,2600 | 8100,9000 |
| CT1002-00-1-L1_01 | 01100001 | Green Falls Reservoir Voluntown | 46.9 | **2004** | Mesotrophic | M | 150,210,340,420 | F1,F20,F21,F42,F44,F62 | | |
| CT1100-00-1-L1_01 | 01090005 | Porter Pond | 10.4 | 2002 | Unknown | M | 240,250,260,330,420 | F20,F21,T1,T42 | 1700,1750 | 1000,9000 |
| CT2104-00-1-L1_01 | 01100003 | Lantern Hill Pond Ledyard, North Stonington | 15.1 | 2002 | Hypereutrophic | E | 210,340 | F20,F21,F42,T1,T44,T62 | 2200,2600 | 9000 |
| CT2104-00-1-L2_01 | 01100003 | Long Pond Ledyard, North Stonington | 98.6 | 2002 | Mesotrophic | M | 210,340,420 | F1,F20,F21,F42,F44,T62 | | |
| CT2205-00-1-L1_01 | 01100003 | Powers Lake East Lyme | 152.6 | 2002 | Mesotrophic | E | 210,250,260,340 | F1,F20,F21,F42,F44,F62 | | |
| CT2205-00-1-L2_01 | 01100003 | Pataganset Lake East Lyme | 123 | 2002 | Mesotrophic | M | 110,120,210,250,260,340,420 | F20,F21,F42,T1,T44,T62 | 2200,2600 | 9000 |
| CT2205-00-1-L3_01 | 01100003 | Gorton Pond East Lyme | 53 | 2002 | Mesotrophic | M | 110,210,340,420 | F1,F20,F21,F44,T42,T62 | 2200,2600 | 9000 |
| CT2205-02-1-L1_01 | 01100003 | Dodge Pond East Lyme | 33 | 2002 | Mesotrophic | E | 120,210,250,260,330,340 | F42,F44,F62,P1,P21,T20 | 500,560 | 8400,8500 |
| CT3002-02-1-L2_01 | 01100003 | Amos Lake Preston | 105.1 | 2002 | Eutrophic | E | 120,210,250,260,340 | F21,F44,P62,T1,T20,T42 | 900,1200,2210 | 6000,6500,8650,9000 |
| CT3002-04-1-L1_01 | 01100003 | Avery Pond Preston | 50.6 | 2002 | Eutrophic | E | 210,340 | F1,F20,F21,F42,F44,F62 | | |
| CT3002-06-1-L1_01 | 01100003 | Lake Of Isles North Stonington | 87.1 | 2002 | Hypereutrophic | E | 210,250,260,340 | F20,F21,T1,T42,T44,T62 | 2200,2600 | 9000 |
| CT3100-00-3-L1_01 | 01100002 | Eagleville Lake Mansfield | 80 | 2002 | Hypereutrophic | E | 150,151,190,210,250,340 | F21,T1,T20,T42,T44,T62 | 1700,1750,2200 | 9000 |
| CT3101-03-1-L1_01 | 01100002 | Crystal Lake Ellington Stafford | 201 | **2004** | Mesotrophic | M | 150,151,210,250,260,340,420 | F20,F21,T1,T42,T44,T62 | 1700,1750,2200,2210,2600 | 3000,3200,4000,6000,6500,8650 |
| CT3105-00-1-L1_01 | 01100002 | Waumgumbaug Lake Coventry | 378 | **2004** | Mesotrophic | M | 150,151,210,250,260,340,420 | F21,T1,T20,T42,T62 | 1100,1600,1700,1750 | 4000,6000,6500,7000,7400 |
| CT3106-00-2_L2_01 | 01100002 | Crandau Pond | 2.5 | **2004** | Unknown | M | 420,860 | F21,F42,X1,X20,X44,X62 | | |
| CT3108-02-1-L2_01 | 01100002 | Bolton Lake, Middle Vernon | 114.9 | 2002 | Mesotrophic | M | 210,340,420 | F20,F21,T1,T42,T44,T62 | 900,1700,1750,2200,2600 | 6000,6500,9000 |
| CT3108-02-1-L3_01 | 01100002 | Bolton Lake, Lower Bolton - Vernon | 178.4 | **2004** | Mesotrophic | M | 150,151,210,250,260,340,420 | F20,F21,F44,T1,T42,T62 | 1700 | 6000,6500,8650 |
| CT3108-13-1-L1_01 | 01100002 | Columbia Lake Columbia | 277.2 | **2004** | Mesotrophic | M | 150,151,210,340,420 | F1,F20,F21,F42,F44,F62 | | |
| CT3109-01-1-L1_01 | 01100002 | Mono Pond Columbia | 94.8 | 2002 | Hypereutrophic | E | 150,151,210,340 | F1,F20,F21,F42,F62,T44 | 2200 | 8540 |
| CT3200-01-1-L1_01 | 01100002 | Halls Pond Eastford Ashford | 82.3 | 2002 | Mesotrophic | M | 150,210,340,420 | F1,F20,F21,F42,F44,F62 | | |
| CT3201-01-1-L1_01 | 01100002 | Black Pond Woodstock | 73.4 | 2002 | Mesotrophic | E | 150,210,340 | F1,F20,F21,F42,F44,F62 | | |
| CT3203-00-1-L1_01 | 01100002 | Mashapaug Lake Union | 297.1 | **2004** | Oligotrophic | E | 150,151,210,250,260,340 | F1,F20,F21,F42,F44,F62 | | |
| CT3203-00-1-L2_01 | 01100002 | Bigelow Pond Union | 18.5 | 2002 | Mesotrophic | E | 150,151,210,340 | F1,F20,F21,F42,F44,F62 | | |
| CT3206-00-1-L1_01 | 01100002 | Morey Pond Ashford, Union | 40 | 2002 | Mesotrophic | E | 150,151,210,340 | F1,F20,F21,F42,T44,T62 | 1100,2200,2600 | 8300,9000 |
| CT3300-00-3+L3_01 | 01100001 | North Grosvenordale Impoundment | 59 | 2002 | Hypereutrophic | E | 150,250,340 | F21,F44,T20,T62,X1,X42 | 500,900,1200 | 100,200,8500,8530 |
| CT3400-00-1-L1_01 | 01100001 | Little (schoolhouse) Pond Thompson | 65.4 | **2004** | Mesotrophic | E | 110,150,151,210,340,860 | F21,T1,T20,T42,T44,T62 | 1100,2200,2210 | 4000,4500,4600,6000,6500 |
| CT3400-00-2-L11_01 | 01100001 | Quaddick Reservoir Thompson | 466.8 | **2004** | Mesotrophic | M | 110,210,250,260,340,420,860 | F20,F21,T1,T42,T44,T62 | 900,1700,1750,2200,2600 | 4000,4500,6000,6500,8650 |

| WBIDSEGID | CU | Segment Name | Acres | Cycle | Trophic Category | Assessment Category | Assessment Methods | Use Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|---|
| CT3404-01-1-L1_01 | 01100001 | Killingly Pond Killingly | 137.5 | 2002 | Mesotrophic | E | 110,150,151,210,340 | F1,F20,F21,F42,F44,F62 | | |
| CT3502-07-1-L1_01 | 01100001 | Moosup Pond Plainfield | 97.2 | **2004** | Eutrophic | M | 130,150,151,210,340,420,860 | F20,F21,F44,T1,T42,T62 | 900,1700,1750 | 4000 |
| CT3600-00-1-L1_01 | 01100001 | Beach Pond Voluntown | 394.3 | **2004** | Oligotrophic | M | 120,210,250,260,340,420 | F21,F42,F44,F62,T1,T20 | 1100,1200,1600,2210,2600 | 3000,4000,4600,7550,7700 |
| CT3600-00-3-L1_01 | 01100001 | Glasgo Pond Griswold | 184.2 | 2002 | Mesotrophic | E | 210,250,260,340 | F1,F20,F21,F42,F62,T44 | 2200 | 8600 |
| CT3600-00-3-L3_01 | 01100001 | Beachdale Pond Voluntown | 46 | 2002 | Hypereutrophic | E | 210,340 | F1,F20,F21,F42,F62,T44 | 2200 | 8600 |
| CT3600-00-3-L7_01 | 01100001 | Pachaug Pond Griswold | 830.9 | 2002 | Mesotrophic | E | 210,250,260,340 | F1,F20,F21,F42,F62,T44 | 2200,2600 | 9000 |
| CT3600-00-3-L8_01 | 01100001 | Hopeville Pond Griswold | 149.4 | **2004** | Hypereutrophic | M | 210,340,420 | F20,F21,T1,T42,T44,T62 | 2200,2600 | 9000 |
| CT3605-00-1-L1_01 | 01100001 | Billings Lake North Stonington | 105.1 | 2002 | Oligotrophic | E | 210,250,260,340 | F20,F21,F62,T1,T42,T44 | 2200,2600 | 9000 |
| CT3605-01-1-L1_01 | 01100001 | Anderson's Pond North Stonington | 54.3 | 2000 | Mesotrophic | E | 210,340 | F20,F21,F62,T1,T42,T44 | 2200,2600 | 9000 |
| CT3700-00-2+-L1_01 | 01100001 | West Thompson Lake Thompson | 195 | **2004** | Eutrophic | M | 230,250,260,340 | F21,P1,P20,P42,P44,P62 | 900,910,1200,1700,1750,2210 | 200,1000,8530,9000,9050 |
| CT3700-00-5+-L3_01 | 01100001 | Wauregan Pond Killingly | 68 | 2002 | Mesotrophic | E | 210,250,260,340 | F1,F20,F21,F42,F44,F62 | | |
| CT3700-00-5+-L4_01 | 01100001 | Aspinook Pond Canterbury, Griswold, Lisbon | 333.3 | 2002 | Eutrophic | E | 210,250,260,340 | F21,F44,P1,P42,T20,T62 | 900,2210 | 9000 |
| CT3700-23-1-L1_01 | 01100001 | Alexander Lake | 190.4 | **2004** | Mesotrophic | E | 210,340 | F20,F21,F44,T62,X1,X42 | 900,1700,2210 | 3000,3200,8650,8920 |
| CT3705-00-1-L1_01 | 01100001 | Griggs Pond Woodstock | 43 | 2002 | Hypereutrophic | M | 250,340 | F1,F20,F21,F42,F62 | | |
| CT3708-00-1-L1_01 | 01100001 | Roseland Lake Woodstock | 88 | **2004** | Hypereutrophic | E | 150,210,340 | F20,F21,P1,P42,P44,T62 | 900,2200,2600 | 1000,9000 |
| CT3800-00-6+L3_01 | 01100003 | Spaulding Pond | 14.3 | **2004** | Unknown | M | 420,860 | F21,P1,P42,X20,X44,X62 | 1700,1750 | 8650 |
| CT3805-00-3-L6_01 | 01100001 | Papermill Pond | 77.15 | 2002 | Unknown | M | 260 | P1,P21,X20,X42,X44 | 410,500,560 | 100,8500 |
| CT3805-00-3-L7_01 | 01100002 | Versailles Pond | 57.2 | 2002 | Unknown | M | 240,250,260,860 | P1,P20,P21,X42,X44,X62 | 410,500,560,1200 | 100,8500 |
| CT3900-00_01pd & trib_01 | 01100003 | Yantic pond & tributary - Norwich Landfill | 0.6 | 2002 | Unknown | M | 240,250,420 | F21,N1,N20,N62,T42 | 100,500,520,530,550,600,1200 | 6000,6100,6300 |
| CT3900-00-4-L1_01 | 01100003 | Fitchville Pond Bozrah | 71.1 | 2002 | Mesotrophic | E | 210,250,340 | F20,F21,T1,T42,T44,T62 | 1100 | 3000,3100,4000,4500 |
| CT3900-01-1-L1_01 | 01100003 | Red Cedar Lake Lebanon | 141 | 2002 | Eutrophic | E | 210,340 | F20,F21,T1,T42,T44,T62 | 2200,2600 | 9000 |
| CT3906-00-1-L1_01 | 01100003 | Gardner Lake Salem, Montville, Bozrah | 486.8 | **2004** | Mesotrophic | M | 120,210,250,260,340,420 | F1,F20,F21,F42,F62,T44 | 2200,2600 | 9000 |
| CT4000-40-1-L1_01 | 01080205 | Great Hill Pond Portland | 77.5 | **2004** | Mesotrophic | E | 120,210,340,420 | F20,F21,F62,T1,T42,T44 | 1700,1750,2200,2600 | 9000,9070 |
| CT4009-00-2-L4_01 | 01080205 | Angus Park Pond | 9.35 | **2004** | Unknown | M | 420 | P1,P42,X20,X21,X44,X62 | 1700,1750 | 8650 |
| CT4010-00-1-L1_01 | 01080205 | 1860 Reservoir (Griswold Pond) Wethersfield | 35 | 2000 | Eutrophic | M | 110,210,340 | F20,F21,F44,F62,X1,X42 | | |
| CT4013-05-1-L1_01 | 01080205 | Crystal Lake Middletown | 35.5 | **2004** | Eutrophic | M | 150,210,250,260,340,420,860 | F20,F21,P1,P42,T44,T62 | 900,1700,1750,2200,2600 | 4000,6000,6500,8650,9000,9070 |
| CT4013-08-1-L1_01 | 01080205 | Dooley's Pond Middletown | 28 | 2002 | Hypereutrophic | E | 150,210,340 | F20,F21,T44,T62,X1,X42 | 900,2210 | 8600,9000 |
| CT4014-03-2-L1_01 | 01080205 | Higganum Reservoir Haddam | 32 | 2000 | Mesotrophic | M | 150,210,340,420 | F21,X1,X20,X42,X62 | | |

| WBIDSEGID | CU | Segment Name | Acres | Cycle | Trophic Category | Assessment Category | Assessment Methods | Use Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|---|
| CT4017-03-1-L3_01 | 01080205 | Pattaconk Reservoir Chester | 55.5 | 2000 | Mesotrophic | E | 150,210,340 | F20,F21,F44,F62,T1,T42 | 1700,1750 | 8650 |
| CT4017-03-1-L4_01 | 01080205 | Cedar Lake Chester | 68 | **2004** | Mesotrophic | M | 150,210,340,420 | F1,F20,F21,F42,F44,F62 | | |
| CT4019-00-1-L3_01 | 01080205 | Messerschmidt's Pond | 70 | 2000 | Hypereutrophic | E | 150,210,340 | F20,F21,T1,T42,T44,T62 | 2200,2600 | 8600,9000 |
| CT4019-00-1-L4_01 | 01080205 | Wright's Pond Deep River, Essex, Westbrook | 37 | 2002 | Mesotrophic | E | 120,150,210,340 | F1,F20,F21,F42,F62,T44 | 2200,2600 | 9000 |
| CT4020-06-1-L1_01 | 01080205 | Rogers Lake Lyme, Old Lyme | 264.9 | **2004** | Mesotrophic | M | 150,210,250,260,340,420 | F20,F21,F42,F62,T1,T44 | 2200,2600 | 9000 |
| CT4300-00-1+-L1_01 | 01080207 | Colebrook River Reservoir Colebrook | 736 | 2002 | Oligotrophic | M | 120,230,340 | F1,F21,F42,F44,F62,T20 | 1500 | 7000,7400 |
| CT4300-00-5+-L5_01 | 01080207 | Rainbow Reservoir Windsor | 235 | 2002 | Eutrophic | E | 120,150,210,250,340 | F1,F20,F21,F42,F44,F62 | | |
| CT4300-05-1-L2_01 | 01080207 | Howell's Pond Hartland | 17.3 | 2000 | Eutrophic | E | 120,150,210,340 | F1,F20,F21,F42,F44,F62 | | |
| CT4302-16-1-L1_01 | 01080207 | Highland Lake Winchester | 444 | **2004** | Oligotrophic | M | 210,250,260,340,420 | F1,F20,F21,F42,T44,T62 | 2200,2600 | 9000 |
| CT4303-02-1-L1_01 | 01080207 | Burr Pond Torrington | 85 | **2004** | Mesotrophic | M | 120,150,210,340,420 | F1,F20,F21,F42,F44,F62 | | |
| CT4305-00-1-L1_01 | 01080207 | West Hill Pond New Hartford | 238 | 2002 | Oligotrophic | E | 120,150,210,250,340 | F1,F20,F21,F42,F44,F62 | | |
| CT4308-00-1-L2_01 | 01080207 | Compensating Reservoir (McDonough) Barkhamsted New Hartford | 387 | **2004** | Oligotrophic | M | 120,210,250,260,340,420 | F20,F42,F44,F50,F62,P1,P21 | 500,560 | 8100 |
| CT4315-05-1-L1_01 | 01080207 | Birge Pond | 10.8 | **2004** | Eutrophic | E | 120,150,151,220,250,340,860 | F21,P1,P42,P44,P62,T20 | 900,1100,2200,2210 | 4000,4500,4600 |
| CT4315-10-1-L1_01 | 01080207 | Pine Lake (Malone's Pond) | 12 | **2004** | Hypereutrophic | E | 120,150,175 | F21,P1,P44,P62,T20,X42 | 900,1100,2200,2210 | 4000,4500,4600,8650 |
| CT4318-03-1-L1_01 | 01080207 | Stratton Brook Park Pond | 2.4 | **2004** | Unknown | M | 190,420,820 | F1,F20,F21,F42 | | |
| CT4321-00-1-L2_01 | 01080207 | Barber Pond, Bloomfield | 9.4 | 2002 | Unknown | E | 250 | F21,X1,X20,X42,X62 | | |
| CT4401-00-1-L1_01 | 01080205 | Batterson Park Pond Farmington New Britain | 162.7 | **2004** | Eutrophic | M | 130,150,210,260,310,340,420 | F21,F44,P1,P42,P62,T20 | 900,2210 | 4000,4500,4600,8650 |
| CT4402-04-2-L1_01 | 01080205 | Mill Pond - Newington | 2.8 | 2002 | Eutrophic | E | 170 | F1,F20,F21,F44,F62 | | |
| CT4500-00-1-L1_01 | 01080205 | SHENIPSIT LAKE | 522.8 | 2000 | Mesotrophic | E | 120,150,210,250,340,550 | F21,T20,T50,T62,X1,X42,X44 | 900,910,920,1200,2000,2210,2500 | 1000,1350,3000,3200,7900,7910 |
| CT4500-00-3-L3_01 | 01080205 | Union Pond | 50 | **2004** | Unknown | M | 120,190,191,250,260,330 | F44,N1,N21,P20,P62,T42 | 200,1100,1200,2210 | 100,200,1000,4000,4600,8500 |
| CT4500-14-1-L1_01 | 01080205 | Center Spring Park Pond | 6.1 | **2004** | Unknown | E | 120,130,150 | F1,F20,F21,F44,T62 | 2100 | 4000,4500,4600 |
| CT4601-00-1-L2_01 | 01080205 | Silver Lake Berlin Meriden | 151 | **2004** | Hypereutrophic | M | 210,250,260,340 | F44,P1,P20,P21,T42,T62 | 500,560,1200,2200,2500,2600 | 8100,8520,8530 |
| CT4607-10-1-L1_01 | 01080205 | Beseck Lake Middlefield | 119.6 | **2004** | Eutrophic | M | 110,120,210,340,420 | F21,F44,T1,T20,T42,T62 | 900,910,2200,2210,2600 | 4000,8530,9000 |
| CT4607-13-0-L1_01 | 01080205 | Wadsworth Falls Park Pond | 1.4 | **2004** | Unknown | M | 420 | P1,P42,X20,X21 | 1700,1750 | 8650,9000 |
| CT4700-02-1-L1_01 | 01080205 | Day Pond | 7.4 | **2004** | Unknown | M | 420 | F21,F42,X1,X20 | | |
| CT4704-00-1-L3_01 | 01080205 | Babcock Pond Colchester | 146.7 | 2002 | Hypereutrophic | E | 120,210,250,340 | F1,F20,F21,F42,F44,F62 | | |
| CT4705-00-1-L1_01 | 01080205 | Holbrook Pond Hebron | 72.5 | 2000 | Hypereutrophic | E | 150,210,340 | F20,F21,F44,F62,X1,X42 | | |
| CT4707-00-2-L2_01 | 01080205 | Gay City Pond | 5.1 | **2004** | Unknown | M | 420 | F21,P1,P42,X20 | 1700,1750 | 8650 |
| CT4708-00-1-L1_01 | 01080205 | Terramuggus, Lake Marlborough | 83 | **2004** | Mesotrophic | M | 120,150,151,210,340,420 | F21,F42,F44,T1,T20,T62 | 1100,2210 | 4000,4600,6000,6500,8530 |

| WBIDSEGID | CU | Segment Name | Acres | Cycle | Trophic Category | Assessment Category | Assessment Methods | Use Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|---|
| CT4709-04-1-L1_01 | 01080205 | Pocotopaug, Lake East Hampton | 511.7 | **2004** | Mesotrophic | M | 110,120,210,260,340,420,530,540 | F21,F42,F44,T1,T20,T62 | 900,2210 | 9000 |
| CT4710-00-1-L1_01 | 01080205 | Bashan Lake East Haddam | 276.3 | 2002 | Oligotrophic | E | 151,210,250,260,340 | F1,F20,F21,F42,F62 | | |
| CT4710-00-1-L2_01 | 01080205 | Moodus Reservoir East Haddam | 451 | **2004** | Mesotrophic | M | 120,150,151,210,250,260,340,420 | F1,F20,F21,F42,T62 | 2200,2600 | 9000 |
| CT4710-06-1-L1_01 | 01080205 | Pickerel Lake Colchester | 88.6 | 2002 | Hypereutrophic | E | 150,210,340 | F20,F21,T44,T62,X1,X42 | 2200,2600 | 9000 |
| CT4800-04-1-L1_01 | 01080205 | Lake Hayward East Haddam | 198.9 | **2004** | Mesotrophic | M | 110,151,210,340,420 | F1,F20,F21,F42,F62,T44 | 2200,2600 | 9000 |
| CT4800-10-1-L1_01 | 01080205 | Norwich Pond Lyme | 27.5 | 2002 | Mesotrophic | E | 150,151,210,340 | F1,F20,F21,F42,F44,F62 | | |
| CT4800-16-1-L2_01 | 01080205 | Uncas Lake Lyme | 69 | 2002 | Oligotrophic | E | 150,210,340 | F1,F20,F21,F42,F44,F62 | | |
| CT5105-00-2-L1_01 | 01100004 | Schreeder Pond | 4 | **2004** | Unknown | M | 125,322,420 | F20,F21,T1,T42 | 1700,1750 | 8950,9000 |
| CT5105-00-2-L2_00 | 01100004 | FORSTER POND | 28.6 | 2002 | Mesotrophic | M | 120,222,340 | F1,F20,F21,F42,F44 | | |
| CT5110-04-1-L1_01 | 01100004 | Quonnipaug Lake Guilford | 111.6 | **2004** | Mesotrophic | M | 120,210,340,420,860 | F20,F21,T1,T42,T44,T62 | 2200,2600 | 9000 |
| CT5111-09-1-L1_01 | 01100004 | Cedar Pond North Branford | 21.8 | **2004** | Mesotrophic | M | 120,210,340,375,860 | F21,P1,P20,P42,T62 | 900,1200,2210,2500 | 4000,5000 |
| CT5111-09-1-L2_01 | 01100004 | Linsley Pond North Branford | 23.3 | **2004** | Eutrophic | M | 120,210,340,375,860 | F21,P1,P20,P42,T44,T62 | 900,1200,2210,2500 | 4000,5000 |
| CT5111-09-2-L3_01 | 01100004 | Branford Supply Pond - West(Pisgah & Pine Gutter Brook) | 9.5 | **2004** | Unknown | E | 120 | F21,P20,T62,X1,X42,X44 | 1100,2100,2500 | 4000,4600,7550,7700 |
| CT5111-09-2-L3_02 | 01100004 | Branford Supply Pond - East | 17.2 | 2000 | Unknown | E | 120 | F21,X1,X20,X42,X44,X62 | | |
| CT5200-00-4-L2_01 | 01100004 | Hanover Pond Meriden | 73 | 2002 | Hypereutrophic | M | 151,190,191,250,260,550 | N1,N42,P20,P21,T44,T62 | 410,1100,1200,1700,1750,2200,2600 | 200,4000,4500,8200,9000,9070 |
| CT5206-01-1-L2_01 | 01100004 | Black Pond Meriden Middlefield | 75.6 | 2002 | Mesotrophic | E | 120,150,210,250,260,340 | F1,F20,F21,F42,F44,F62 | | |
| CT5207-00-1-L1_01 | 01100004 | North Farms Reservoir Wallingford | 62.5 | 2002 | Hypereutrophic | E | 120,150,210,250,260,340,550 | F21,T20,T44,T62,X1,X42 | 1200,2200 | 4000,8650 |
| CT5207-02-1-L1_01 | 01100004 | Allen Brook Pond | 4.8 | **2004** | Unknown | M | 125,420 | F21,P1,P42,X20 | 1700,1750 | 9000 |
| CT5302-00-4-L3_01 | 01100004 | Lake Whitney | 178 | 2000 | Eutrophic | M | 120,860 | F21,T20,T44,T50,X1,X42 | 900,1100,1200,1700,1900,2000,2100,2210,2500 | 500,3000,3100,3200,4000,4400,4500,6000,6350,8250,8400,8600,8700,8710 |
| CT5305-00-3-L1_01 | 01100004 | Edgewood Park Pond | 2.7 | **2004** | Eutrophic | M | 120,190,220,250,310,860 | F21,F44,F62,N1,N42,T20 | 1100,1700,1750 | 4000,4600,8650 |
| CT6000-00-5+-L1_01 | 01100005 | Lillinonah, Lake Southbury, Bridgewater | 1900 | **2004** | Eutrophic | M | 120,210,250,260,340,420,700 | P1,P21,P42,P44,P62,T20 | 410,900,1500,2000,2150,2200,2210,2600 | 100,200,1000,7000,7450,8500,8520,9050 |
| CT6000-00-5+-L2_01 | 01100005 | Zoar, Lake Monroe, Newtown, Oxford, Southbury | 650 | **2004** | Eutrophic | M | 210,250,260,340,420 | F44,P1,P21,P42,T20,T62 | 410,1200,1700,1750,2200,2600 | 100,7000,7350,8500,9000,9050 |
| CT6000-00-5+-L2_02 | 01100005 | Zoar, Lake Monroe, Newtown, Oxford, Southbury | 325 | **2004** | Eutrophic | M | 210,250,260,340,420 | P1,P20,P21,T42,T62 | 410,1200,2200,2210,2600 | 100,7000,7350,8500,9050 |
| CT6000-00-5+-L4_01 | 01100005 | Housatonic, Lake Shelton | 328.2 | **2004** | Eutrophic | M | 120,210,250,260,340 | F20,P1,P21,P42,T44,T62 | 410,900,1700,1750,2200,2210,2600 | 100,8500,9000,9050 |
| CT6000-88-1-L1_01 | 01100005 | Brewsters Pond | 4 | **2004** | Unknown | M | 260 | P1,P21,T20,T44,T62,X42 | 200,2200,2600 | 9000 |

| WBIDSEGID | CU | Segment Name | Acres | Cycle | Trophic Category | Assessment Category | Assessment Methods | Use Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|---|
| CT6002-00-1-L1_01 | 01100005 | East Twin Lake (Washining Lake) Salisbury | 562.2 | **2004** | Mesotrophic | M | 110,120,210,250,340,420 | F21,T1,T20,T42,T44,T62 | 2200,2600 | 9000 |
| CT6005-00-1-L1_01 | 01100005 | Wononscopomuc, Lake (Lakeville L.) Salisbury | 352.6 | **2004** | Mesotrophic | M | 110,120,210,250,260,340,420 | F20,F21,T1,T42,T44,T62 | 2200,2600 | 9000 |
| CT6005-04-1-L1_01 | 01100005 | Riga Lake Salisbury | 169.5 | **2004** | Oligotrophic | M | 120,210,340,420 | F21,F42,F44,F62,T1,T20 | 1000 | 9000 |
| CT6008-00-1-L1_01 | 01100005 | Cream Hill Pond Cornwall | 72 | **2004** | Mesotrophic | M | 120,210,340,420 | F1,F20,F21,F42,F44,F62 | | |
| CT6016-00-1-L2_01 | 01100005 | Leonard Pond Kent | 15 | 2002 | Eutrophic | E | 120,210,340 | F20,F21,F44,F62,X1,X42 | | |
| CT6016-00-1-L3_01 | 01100005 | Hatch Pond Kent | 61 | **2004** | Mesotrophic | E | 120,210,340 | F21,T1,T20,T42,T44,T62 | 1100,2200,2600 | 1000,9000 |
| CT6018-00-1-L1_01 | 01100005 | Taunton Pond Newtown | 126 | **2004** | Mesotrophic | E | 120,170,210,250,260,340 | F21,T20,T44,T62,X1,X42 | 2210 | 9000 |
| CT6023-00-1-L1_01 | 01100005 | Quassapaug, Lake Middlebury | 271 | **2004** | Mesotrophic | M | 120,210,250,260,340,420 | F20,F21,T1,T42,T44,T62 | 2200,2600 | 9000 |
| CT6100-04-1-L1_01 | 01100005 | Wood Creek Pond Norfolk | 151 | 2002 | Hypereutrophic | E | 120,210,340 | F20,F21,F44,T62,X1,X42 | | |
| CT6301-00-2-L1_01 | 01100005 | Wononpakook, Lake (Long Pond) Salisbury | 164 | 2002 | Eutrophic | E | 120,210,250,340 | F20,F21,T1,T42,T44,T62 | 2200,2600 | 9000 |
| CT6301-00-2-L2_01 | 01100005 | Mudge Pond Sharon | 201 | 2002 | Mesotrophic | M | 120,210,250,260,340,420,700 | F20,F21,F44,F62,T1,T42 | 900,910,920,2200,2600 | 1000,1050,9000 |
| CT6400-00-1-L5_01 | 01100005 | Candlewood, Lake Danbury New Milford | 5420 | **2004** | Mesotrophic | M | 120,210,250,260,340,420 | F21,F44,T1,T20,T42,T62 | 1200,1700,1750,2200,2600 | 4000 |
| CT6400-03-L1_01 | 01100005 | Squantz Pond New Fairfield | 288 | **2004** | Mesotrophic | M | 120,210,260,340,420 | F1,F20,F21,F44,F62,T42 | 1700,1750 | 6000,6500,8650,9000 |
| CT6402-00-1-L1_01 | 01100005 | Ball Pond New Fairfield | 89.9 | **2004** | Mesotrophic | M | 120,210,250,260,340,420 | F20,F21,P1,P44,P62,T42 | 900,1700,1750,2200,2210,2600 | 4000,6000,6500,9000 |
| CT6500-00-1-L1_01 | 01100005 | South Spectacle Pond Kent | 93 | 2002 | Mesotrophic | E | 120,210,340 | F1,F20,F21,F42,F44,F62 | | |
| CT6502-00-1-L2_01 | 01100005 | Waramaug, Lake Kent, Warren, Washington | 680.2 | **2004** | Mesotrophic | M | 120,210,250,260,340,420 | F1,F21,F42,F44,T20,T62 | 2210 | 1000 |
| CT6600-01-1-L3_01 | 01100005 | Kenosia, Lake Danbury | 56 | **2004** | Eutrophic | M | 120,210,250,260,340,420 | F20,F21,F44,F50,P1,P42,P62 | 900,2200,2210,2600 | 4000,8600,9000 |
| CT6700-03-1-L2_01 | 01100005 | Mohawk Pond Goshen | 15.2 | 2002 | Mesotrophic | E | 120,210,340 | F1,F20,F21,F42,F44,F62 | | |
| CT6701-00-1-L1_01 | 01100005 | Tyler Lake Goshen | 182 | **2004** | Mesotrophic | M | 120,210,250,260,340,420 | F1,F20,F21,F42,F44,T62 | 2200,2600 | 9000 |
| CT6701-01-1-L1_01 | 01100005 | West Side Pond Goshen | 42.4 | **2004** | Mesotrophic | M | 120,210,260,340,420 | F1,F20,F21,F42,F44,F62 | | |
| CT6703-00-2-L1_01 | 01100005 | Dog Pond Goshen | 71.3 | **2004** | Eutrophic | M | 120,210,340,420 | F1,F20,F21,F42,F44,T62 | | |
| CT6705-00-3-L3_01 | 01100005 | Bantam Lake Litchfield Morris | 916 | **2004** | Eutrophic | M | 120,210,250,260,340,420 | F21,F42,F44,T1,T20,T62 | 2200,2600 | 9000 |
| CT6705-14-1-L1_01 | 01100005 | Mount Tom Pond Litchfield, Morris | 61.5 | **2004** | Mesotrophic | M | 120,210,340,420 | F1,F20,F21,F42,F44,F62 | | |
| CT6804-02-1-L1_01 | 01100005 | Long Meadow Pond Bethlehem | 110.5 | **2004** | Eutrophic | M | 120,210,340,420 | F20,F21,F42,T1,T44,T62 | 2200,2600 | 8600 |
| CT6904-00-3-L1_00 | 01100005 | Stillwater Pond Torrington | 95 | 2002 | Mesotrophic | M | 210,340 | F1,F20,F21,F42,F62 | | |
| CT6905-00-1-L3_01 | 01100005 | Winchester Lake Winchester | 229 | 2002 | Mesotrophic | E | 210,250,260,340 | F1,F20,F21,F42,F62 | | |
| CT6905-00-1-L4_01 | 01100005 | Park Pond Winchester | 76.7 | 2002 | Mesotrophic | E | 120,210,340 | F1,F20,F21,T42,T44,T62 | 2200,2600 | 9000 |
| CT6909-00-2-L1_01 | 01100005 | Northfield Brook Lake | 5.3 | **2004** | Unknown | M | 420,860 | F21,F44,N1,N42,T20,T62 | 900,1700,1750,2210 | 9000,9070 |
| CT6910 -14--1-L3_01 | 01100005 | Black Rock Lake | 9.5 | **2004** | Unknown | M | 420 | F21,F42,X1,X20 | | |

| WBIDSEGID | CU | Segment Name | Acres | Cycle | Trophic Category | Assessment Category | Assessment Methods | Use Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|---|
| CT6912-05-1-L2_01 | 01100005 | Winnemaug, Lake  Watertown | 120 | **2004** | Mesotrophic | M | 120,210,340,420 | F20,F21,T1,T42,T44,T62 | 2200,2210,2600 | 1000,8700,8710,9000 |
| CT6914-06-1-L2_01 | 01100005 | Hitchcock Lake  Wolcott | 118.4 | **2004** | Mesotrophic | M | 120,210,340,420 | F21,F44,P1,P42,T20,T62 | 1500,1700,1750,2200,2600 | 4000,8920,9000 |
| CT6916-00-3-L4_01 | 01100005 | Hop Brook Lake | 25.8 | **2004** | Unknown | M | 420,860 | F21,F44,N1,N42,T62,X20 | 1700,1750 | 1000,4000,6000,6500,9000,9070 |
| ct7103-00-2-L3_01 | 01100006 | Success Lake | 16 | 2000 | Unknown | E | 150,175,250,860 | F21,P1,P20,X42,X44,X62 | 500,550,560 | 100,8500 |
| CT7103-00-2-L4_01 | 01100006 | Stillman Pond | 5 | 2000 | Unknown | E | 150,175,250,260,860 | N1,N21,T20,X42,X44,X62 | 500,520,550,560 | 100,8500 |
| CT7103-00-2-L5_01 | 01100006 | Pembroke Lakes | 2 | 2000 | Unknown | E | 175,250 | F21,P1,P20,X42,X44,X62 | 300,410,500,550 | 100,8500 |
| CT7105-10-1-L2_01 | 01100006 | Lake Forest | 66.6 | **2004** | Unknown | M | 110,120,130,175,250,420 | F21,F42,T1,T20,X44,X62 | 900,1100 | 4000 |
| CT7108-00-3-L3_01 | 01100006 | Lake Mohegan | 15 | **2004** | Unknown | M | 420 | F21,T42,X1,X20,X44,X62 | 1700,1750 | 4000 |
| CT7409-00-1-L3_01 | 01100006 | Putnam Lake | 105 | 2000 | Unknown | E | 175,330,340,350,850 | F21,F50,P1,P20,X42 | 1600,2000,2200 | 4000,4500,7550,8520 |
| CT8104-00-1-L5_01 | 02030101 | Mamanasco Lake  Ridgefield | 95 | 2000 | Mesotrophic | M | 150,210,250,260,340,420,860 | F20,F21,F44,T1,T42,T62 | 900,910,2200,2210 | 3000,3200,4000,6000,6500 |

| WBIDSEGID | CU | Segment Name | Square Miles | Cycle | Assessment Category | Assessment Methods | Use Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT1000-E_01 | 01090005 | PAWCATUCK RIVER ESTUARY | 0.14 | 2004 | M | 120,222,410 | F21,F90,N23,P1,P20,X42 | 1200,1700,1750 | 200,4000,7900,8650 |
| CT1000-E_02 | 01090005 | PAWCATUCK RIVER ESTUARY | 0.28 | 2004 | M | 120,410 | F1,F21,F23,F42,F90,T20 | 1200 | 100,4000,7900 |
| CT2001-E_01 | 01100003 | STONINGTON HARBOR | 1.58 | 2004 | M | 120,410,420 | F1,F20,F21,F23,F42,F90 | | |
| CT2001-E_02 | 01100003 | STONINGTON HARBOR | 0.8 | 2004 | M | 120,410 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 200,4000,7900,8650 |
| CT2002-E_01 | 01100003 | Offshore from West Cove | 0.83 | 2004 | M | 120,410 | F1,F20,F21,F23,F42,F90 | | |
| CT2002-E_02 | 01100003 | West and Palmer Coves | 0.6 | 2004 | M | 100,120,410,420 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT2003-E_01 | 01100003 | MUMFORD COVE | 2 | 2004 | M | 120,410,420 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,7900,8650 |
| CT2004-E_01 | 01100003 | ALEWIFE COVE | 0.06 | 2004 | M | 120,130,151,410 | F21,F42,F90,N23,P1,P20 | 900,920,1200,1700,1750 | 4000,8650 |
| CT2005-E_01 | 01100003 | GOSHEN COVE | 0.04 | 2004 | M | 120,410 | F20,F21,F42,F90,P1,P23 | 1700,1750 | 9000 |
| CT2006-E_01 | 01100003 | LONG ISLAND SOUND EAST - OFFSHORE_01 | 21.62 | 2004 | M | 120,210,410 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 200,400,4000,7900,8650 |
| CT2006-E_02 | 01100003 | LONG ISLAND SOUND EAST - OFFSHORE_02 | 35 | 2004 | M | 120,210 | F1,F20,F21,F42,F90 | | |
| CT2006-E_03 | 01100003 | Long Island Sound East - Old Lyme shore_03 | 0.2 | 2004 | M | 120,210,410,420 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,6000,6500,7900,8650,9000 |
| CT2101-E_01 | 01100003 | WEQUETEQUOCK COVE | 2.01 | 2004 | M | 120,410 | F20,F21,F42,F90,N23,P1 | 1700 | 200,4000,6000,6500,7900,8650 |
| CT2102-E_01 | 01100003 | Outer Quiambaug Cove | 3.38 | 2004 | M | 120,410 | F1,F20,F21,F23,F42,F90 | | |
| CT2102-E_02 | 01100003 | Inner Quaimbaug Cove | 0.6 | 2004 | M | 120,410,420 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT2106-E_01 | 01100003 | MYSTIC RIVER ESTUARY | 3.37 | 2004 | M | 120,410 | F1,F20,F21,F23,F42,F90 | | |
| CT2106-E_02 | 01100003 | MYSTIC RIVER ESTUARY | 0.6 | 2004 | M | 120,410,420,840 | F20,F21,F42,F90,P1,P23 | 1700,1750 | 200,4000,7900,8650 |
| CT2107-E_01 | 01100003 | Poquonuck River Estuary/Baker Cove | 1.15 | 2004 | M | 120,410,420 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 200,4000,7900,8650 |
| CT2107-E_02 | 01100003 | Offshore of Eastern, Avery & Bushy Points | 0.9 | 2004 | M | 120,410,420 | F1,F20,F21,F23,F42,F90 | | |
| CT2201-E_01 | 01100003 | JORDAN COVE | 1.09 | 2004 | M | 120,410,420 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 100,4000,7900,8650 |
| CT2204-E_01 | 01100003 | Niantic Bay - SW corner | 0.2 | 2004 | M | 120,410,420,860 | F1,F21,F23,F42,F90,P20 | 0 | 9000 |
| CT2204-E_02 | 01100003 | Niantic Bay - upper bay & river | 0.29 | 2004 | M | 120,240,340,410,420 | F21,F90,N23,P1,P20,P42 | 0,1200,1700,1750 | 4000,6000,6500,7900,8650,9000 |
| CT2204-E_03 | 01100003 | Niantic Bay and offshore | 3.96 | 2004 | M | 120,410,420 | F21,F42,F90,N23,P1,P20 | 0,1700,1750 | 4000,6000,6500,7900,8650,9000 |
| CT2206-E_01 | 01100006 | Bride Brook Estuary | 0.03 | 2004 | M | 120,410,420 | F20,F21,F90,N23,P1,P42 | 1700,1750 | 8650,9000 |
| CT2206-E_02 | 01100006 | Pattagansett/Fourmile River & coast | 2.33 | 2004 | M | 120,410,420 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT3000-E_01 | 01100003 | THAMES RIVER ESTUARY | 8.64 | 2004 | M | 120,180,410,700,860 | F1,F20,F21,F23,F90,T42 | 1700,1750 | 200,4000,8650,9000 |
| CT3000-E_02 | 01100003 | THAMES RIVER ESTUARY | 2.26 | 2004 | M | 120,180,230,250,410,700,840,860 | F20,F21,F90,N23,P1,P42 | 1700 | 100,200,500,4000,7900,8650 |
| CT3000-E_03 | 01100003 | THAMES RIVER ESTUARY | 1.54 | 2004 | M | 120,180,230,410,700 | F21,F90,N1,N23,N42,P20 | 900,920,1200,1700 | 200,400,1000,4000,8650 |
| CT4000-E_01 | 01080205 | CONNECTICUT RIVER ESTUARY | 2.77 | 2004 | M | 120,260,410,420,840,850 | F1,F20,F21,F23,F42,F90 | | |

| WBIDSEGID | CU | Segment Name | Square Miles | Cycle | Assessment Category | Assessment Methods | Use Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT4000-E_02 | 01080205 | CONNECTICUT RIVER ESTUARY | 9.28 | 2004 | M | 120,191,260,410,840,850 | F20,F42,F90,N23,P1,P21 | 410,1700,1750 | 200,4000,6000,6500,7900,8650,9000 |
| CT4020-E_01 | 01080205 | Lieutenant River (Estuary)_01 | 0.04 | 2004 | M | 120,860 | F20,F21,N23,P1,P42 | 1700,1750 | 8650,9000 |
| CT4020-E_02 | 01080205 | Lieutenant River (Estuary)_02 | 0.1 | 2004 | M | 120,860 | F20,F21,N23,P1,P42 | 1700,1750 | 8650,9000 |
| CT4021-E_01 | 01080205 | Black Hall River (estuary)_01 | 0.12 | 2004 | M | 120,860 | F20,F21,F23,T1,T42 | 1700,1750 | 9000 |
| CT4021-E_02 | 01080205 | Black Hall River (estuary)_02 | 0.03 | 2004 | M | 120,860 | F20,F21,N23,P1,T42 | 1700,1750 | 6000,6500,8650,9000 |
| CT5001-E_01 | 01100004 | MADISON BEACHES_01 | 3.27 | 2004 | M | 120,410,420 | F1,F20,F21,F23,F42,F90 | | |
| CT5001-E_02 | 01100004 | MADISON BEACHES_02 | 1.64 | 2004 | M | 120,410,420 | F20,F21,F42,F90,P1,P23 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT5001-E_03 | 01100004 | MADISON BEACHES_03 | 1.64 | 2004 | M | 120,410,420 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT5002-E_01 | 01100004 | ISLAND BAY/JOSHUA COVE-nearshore | 0.45 | 2004 | M | 120,410 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT5002-E_02 | 01100004 | ISLAND BAY/JOSHUA COVE-offshore | 1.8 | 2004 | M | 120,410 | F1,F20,F21,F23,F42,F90 | | |
| CT5003-E_01 | 01100004 | THIMBLE ISLANDS | 1.1 | 2004 | M | 120,410 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT5003-E_02 | 01100004 | THIMBLE ISLANDS | 1.1 | 2004 | M | 120,410,420 | F20,F21,F42,F90,P1,P23 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT5003-E_03 | 01100004 | THIMBLE ISLANDS-offshore | 2.65 | 2004 | M | 120,410 | F1,F20,F21,F23,F42,F90 | | |
| CT5004-E_01 | 01100004 | LONG ISLAND SOUND CENTRAL - OFFSHORE_01 | 65 | 2004 | M | 120,130,210,310,330,410,840 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 200,400,4000,6000,6500,7900,8650 |
| CT5004-E_02 | 01100004 | LONG ISLAND SOUND CENTRAL - OFFSHORE_02 | 50 | 2004 | M | 120,130,210,310,330,840 | F21,F42,F90,P1,P20 | 900,920,1200 | 100,200,400,4000,8100 |
| CT5004-E_03 | 01100004 | LONG ISLAND SOUND CENTRAL - OFFSHORE_03 | 75.2 | 2004 | M | 120,130,210,310,330,410,840 | F1,F20,F21,F23,F42,F90 | | |
| CT5004-E_04 | 01100004 | LONG ISLAND SOUND CENTRAL - OFFSHORE_04 | 65 | 2004 | M | 120,130,210,310,330,410,840 | F1,F20,F21,F42,F90 | | |
| CT5101-E_01 | 01100004 | PLUM BANK/INDIAN HARBOR | 1 | 2004 | M | 120,410,420 | F20,F21,F42,F90,N23,P1 | 1700 | 4000,6000,6500,7900,8650 |
| CT5102-E_01 | 01100004 | PATCHOGUE RIVER/MENUNKETESUCK RIVER | 3.52 | 2004 | M | 120,410,420 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT5106-E_01 | 01100004 | Upper Hammonasset, Indian and Hammock Rivers. | 0.1 | 2004 | M | 120,410 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT5106-E_02 | 01100004 | HAMMONASSETT RIVER/Hayden Creek | 0.01 | 2004 | M | 120,410,840 | F21,F90,P1,P20,T42 | 500,530,550,580,1900 | 100,110,4000,6000,6500 |
| CT5106-E_03 | 01100004 | Lower Hammonasset River/Inner Clinton Harbor | 0.33 | 2004 | M | 120,410,420 | F21,F23,F90,P1,P20,T42 | 900,920,1200,1700,1750 | 4000,6000,6500,7900,8650 |
| CT5106-E_04 | 01100004 | CLINTON HARBOR-offshore | 1.8 | 2004 | M | 120,410,420 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT5110-E_01 | 01100004 | GUILFORD HARBOR | 0.3 | 2004 | M | 120,410,420 | F20,F21,F90,N23,P1,T42 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT5110-E_02 | 01100004 | GUILFORD HARBOR | 2.79 | 2004 | M | 120,410 | F20,F21,F42,F90,P1,P23 | 1700 | 4000,6000,6500,7900,8650 |
| CT5111-E_01 | 01100004 | BRANFORD HARBOR | 0.25 | 2004 | M | 120,410,420,840 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 200,4000,7900,8650 |
| CT5111-E_02 | 01100004 | BRANFORD HARBOR | 4.61 | 2004 | M | 120,410,420 | F1,F20,F21,F23,F42,F90 | | |

| WBIDSEGID | CU | Segment Name | Square Miles | Cycle | Assessment Category | Assessment Methods | Use Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT5200-E_01 | 01100004 | New Haven - Inner Harbor/Mill, Q & West Rivers | 4.2 | 2004 | M | 120,150,151,410,510,840 | F21,F90,N1,N23,N42,P20 | 100,300,900,920,1200,1500,1700,1750,1900 | 100,200,400,4000,4500,6000,6300,7900,8100,8200,8500,8650 |
| CT5200-E_02 | 01100004 | New Haven Harbor - West Haven shore/Cove & Oyster Rivers | 0.61 | 2004 | M | 120,150,151,410,510,840 | F21,F42,F90,N23,P1,P20 | 300,900,920,1700,1750 | 100,200,400,4000,6000,6300,7900,8100,8650 |
| CT5200-E_03 | 01100004 | New Haven Harbor - Outer Harbor / Morris Cove | 6.71 | 2004 | M | 120,150,151,410,420,840 | F21,F23,F42,F90,P1,P20 | 100,300,900,920,1200,1700,1750,1900 | 100,200,400,4000,7900,8100,8500,8650 |
| CT5200-E_04 | 01100004 | New HavenHarbor Offshore_04 | 7 | 2004 | M | 120,210,410,420 | F1,F20,F21,F23,F42,F90 | | |
| CT5200-E_05 | 01100004 | New Haven harbor Offshore_05 | 6.6 | 2004 | M | 120,210,410,420 | F21,F23,F42,F90,P1,P20 | 900,920,1200 | 100,200,4000,8100 |
| CT5306-E_01 | 01100004 | MILFORD HARBOR/GULF POND | 0.44 | 2004 | M | 120,410 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,7900,8650 |
| CT5306-E_02 | 01100004 | MILFORD - THE GULF_02 | 0.5 | 2004 | M | 120,410,420 | F1,F20,F21,F23,F90,T42 | 1700,1750 | 8650,9000 |
| CT5306-E_03 | 01100004 | Milford - The Gulf_03 | 0.5 | 2004 | M | 120,410,420 | F20,F21,F42,F90,P1,P23 | 1700,1750 | 8650,9000 |
| CT6000-E_01 | 01100005 | Housatonic River Estuary - Upper | 0.5 | 2004 | M | 120,150,222 | F21,F42,F90,P1,P20 | 1200,1600 | 200,4000,5000,5400,6000,6300 |
| CT6000-E_02 | 01100005 | Housatonic River Estuary - lower | 2.2 | 2004 | M | 120,150,222 | F20,F21,F90,P1,P42 | 1700,1750 | 4000,6000,6300,9000 |
| CT6000-E_03 | 01100005 | Housatonic River Estuary - Ferry Creek & shore | 0.1 | 2004 | M | 120,150,222 | F21,F90,P1,P20,T42 | 410,420,500,530,580,1700,1750 | 100,110,4000,4300,6000,6300,7900 |
| CT6000-E_04 | 01100005 | Housatonic River Estuary - mouth | 0.44 | 2004 | M | 120,150,222,410,420 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 200,4000,7900,8650 |
| CT6000-E_05 | 01100005 | Housatonic River Estuary - offshore Lordship | 2.6 | 2004 | M | 120,222,410,420 | F21,F42,F90,N23,P1,P20 | 900,920,1200,1700,1750 | 100,200,4000,7900,8100,8650 |
| CT7001-E_01 | 01100006 | INNER BRIDGEPORT HARBOR/LEWIS GUT | 1.43 | 2004 | M | 120,150,410,610,840 | F21,F90,N1,N23,N42,P20 | 100,300,1200,1700 | 100,200,400,4000,4500,6000,6300,7900,8500 |
| CT7002-E_01 | 01100006 | OUTER BRIDGEPORT HARBOR_01 | 8.75 | 2004 | M | 120,150,410,420,600 | F20,F21,F90,N23,P1,P42 | 1700,1750 | 200,400,4000,6000,6300,7900,8650 |
| CT7002-E_02 | 01100006 | OUTER BRIDGEPORT HARBOR_02 | 8.75 | 2004 | M | 120,150,410,600 | F21,F42,F90,N23,P1,P20 | 900,920,1200,1700,1750 | 200,400,4000,7900,8100,8650 |
| CT7003-E_01 | 01100006 | BLACKROCK HARBOR | 0.44 | 2004 | M | 120,150,240,250,410,600,700,710,840 | F21,F90,N1,N20,N23,N42 | 300,400,900,920,1200,1700,1750,1900 | 100,200,400,4000,6000,6300,7900,8100,8400,8500,8650 |
| CT7004-E_01 | 01100006 | SHERWOOD MILLPOND/COMPO COVE- pond | 0.46 | 2004 | M | 120,410 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,7900,8650 |
| CT7004-E_02 | 01100006 | SHERWOOD MILLPOND/COMPO COVE-cove | 0.6 | 2004 | M | 120,410,420 | F20,F21,F42,F90,P1,P23 | 1700,1750 | 4000,7900,8650 |
| CT7005-E_01 | 01100006 | SCOTT COVE | 0.9 | 2004 | M | 120,410 | F1,F20,F21,F23,F42,F90 | | |
| CT7006-E_01 | 01100006 | WESTCOTT COVE- Cove | 0.5 | 2004 | M | 120,410,420 | F20,F21,F90,N23,P1,T42 | 1700,1750 | 4000,7900,8650 |

| WBIDSEGID | CU | Segment Name | Square Miles | Cycle | Assessment Category | Assessment Methods | Use Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT7006-E_02 | 01100006 | WESTCOTT COVE- Offshore | 0.3 | 2004 | M | 120,410 | F1,F20,F21,F23,F42,F90 | | |
| CT7007-E_01 | 01100006 | GREENWICH COVE_01 | 0.11 | 2004 | M | 120,410,420 | F20,F21,F90,N23,P1,P42 | 1700,1750 | 4000,7900,8650 |
| CT7007-E_02 | 01100006 | GREENWICH COVE_02 | 0.9 | 2004 | M | 120,410 | F20,F21,F42,F90,P1,P23 | 1700,1750 | 4000,7900,8650 |
| CT7008-E_01 | 01100006 | Byram Harbor_01 | 0.97 | 2004 | M | 120,410,420 | F20,F21,F90,N23,N42,P1 | 1700,1750 | 400,4000,4500,7900,8650,9050 |
| CT7009-E_01 | 01100006 | CAPTAIN HARBOR | 3.41 | 2004 | M | 120,410 | F20,F21,F90,N23,P1,X42 | 1700,1750 | 200,4000,7900,8650 |
| CT7010-E_01 | 01100006 | Long Island Sound West_01 | 6 | 2004 | M | 120,130,210,330,410,610 | F21,F42,F90,N23,P1,P20 | 900,920,1200,1700,1750 | 200,4000,7900,8100 |
| CT7010-E_02 | 01100006 | Long Island Sound West_02 | 30 | 2004 | M | 120,130,210,330,610 | F21,F42,F90,P1,P20 | 900,920,1200 | 200,4000,8100 |
| CT7010-E_03 | 01100006 | Long Island Sound West_03 | 55.5 | 2004 | M | 120,130,210,330,410,610 | F21,F23,F42,F90,P1,P20 | 900,920,1200 | 200,4000,8100 |
| CT7010-E_04 | 01100006 | Long Island Sound West_04 | 53 | 2004 | M | 120,130,210,330,610 | F21,F42,F90,P1,P20 | 900,920,1200 | 200,4000,8100 |
| CT7106-E_01 | 01100006 | ASH CREEK | 0.15 | 2004 | M | 120,410 | F20,F21,F90,N1,N23,N42 | 1700,1750 | 400,4000,7900 |
| CT7106-E_02 | 01100006 | Ash Creek near Tourney Rd. | 0.01 | 2004 | M | 120,250,410,840 | F21,F90,N1,N23,N42,P20 | 500,1700,1750 | 100,110,400,4000,7900,8500,8650 |
| CT7108-E_01 | 01100006 | Southport- Upper Mill Pond | 0.01 | 2004 | M | 120,150,240,250,260,310,410,420,710,860 | F90,N1,N23,N42,P20,P21 | 500,550,1700,1750 | 100,4000,8500,8650 |
| CT7108-E_02 | 01100006 | Southport- Lower Mill Pond | 0.03 | 2004 | M | 150,240,250,310,410,420,710,720,860 | F90,N1,N23,N42,P20,P21 | 500,550,1700,1750 | 100,4000,8500,8650 |
| CT7108-E_03 | 01100006 | Southport - Sasco Brook Estuary | 0.04 | 2004 | M | 120,231,410,420,860 | F20,F21,F90,N23,N42,P1 | 1700,1750 | 500,4000,6000,6500,8650,9000 |
| CT7108-E_04 | 01100006 | Southport Harbor & Offshore | 2.1 | 2004 | M | 120,250,410 | F20,F21,F42,F90,P1,P23 | 500,550,1700,1750 | 4000,7900,8650 |
| CT7200-E_01 | 01100006 | SAUGATUCK RIVER ESTUARY | 0.42 | 2004 | M | 120,410,840 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 200,4000,7900,8650 |
| CT7200-E_02 | 01100006 | SAUGATUCK RIVER ESTUARY | 0.55 | 2004 | M | 120,410 | F1,F20,F21,F23,F42,F90 | | |
| CT7300-E_01 | 01100006 | Norwalk Hbr - Norwalk River Estuary/Mill Pond | 0.4 | 2004 | M | 110,120,130,150,180,250,410,700,810,840 | F21,F90,N23,P1,P20,X42 | 500,550,560,900,920,1200,1700,1750 | 100,200,400,4000,6000,6300,7900,8100,8500 |
| CT7300-E_02 | 01100006 | NORWALK HARBOR (INNER) | 0.56 | 2004 | M | 110,120,130,150,180,410,420,700,810,840 | F21,F23,F90,P1,P20,P42 | 900,920,1200,1700,1750 | 200,400,4000,7900,8100,8650 |
| CT7300-E_03 | 01100006 | NORWALK HARBOR- Adjacent Waters | 1.6 | 2004 | M | 110,120,130,150,410,420 | F21,F90,N23,P1,P20,P42 | 900,920,1200,1700,1750 | 100,200,400,4000,7900,8100,8650,9000 |
| CT7300-E_04 | 01100006 | NORWALK HARBOR- Offshore Waters | 5.32 | 2004 | M | 110,120,130,150,410 | F21,F42,F90,P1,P20,P23 | 400,900,920,1200,1700,1750 | 200,4000,7900,8100,8400,8650 |
| CT7401-E_01 | 01100006 | FIVEMILE RIVER ESTUARY | 0.17 | 2004 | M | 120,410 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,6000,6500,7900,8650 |

| WBIDSEGID | CU | Segment Name | Square Miles | Cycle | Assessment Category | Assessment Methods | Use Support | Causes | Sources |
|---|---|---|---|---|---|---|---|---|---|
| CT7401-E_02 | 01100006 | FIVEMILE RIVER ESTUARY- offshore | 0.9 | 2004 | M | 120,410 | F20,F21,F42,F90,P1,P23 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT7402-E_01 | 01100006 | DARIEN COVE | 0.39 | 2004 | M | 120,410 | F20,F21,F90,N23,P1,T42 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT7403-E_01 | 01100006 | HOLLY POND/COVE HARBOR - pond | 0.51 | 2004 | M | 120,410 | F20,F21,F90,N23,P1,T42 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT7403-E_02 | 01100006 | HOLLY POND/COVE HARBOR - cove | 0.3 | 2004 | M | 120,410,420 | F20,F21,F23,F90,T1,T42 | 1700,1750 | 4000,6000,6500,7900,8650 |
| CT7403-E_03 | 01100006 | HOLLY POND/COVE HARBOR-offshore | 0.4 | 2004 | M | 120,410 | F20,F21,F42,F90,P1,P23 | 1700,1750 | 4000,7900,8600,8650 |
| CT7405-E_01 | 01100006 | STAMFORD HARBOR (E & W Branches) | 0.35 | 2004 | M | 120,150,151,200,250,410,600,840 | F21,F90,N1,N20,N23,N42 | 1200,1700,1750 | 200,4000,7900,8650 |
| CT7405-E_02 | 01100006 | STAMFORD HARBOR (Inner) | 0.4 | 2004 | M | 120,150,151,200,410,600 | F20,F21,F23,F90,T1,T42 | 1700,1750 | 200,4000,7900,8650 |
| CT7405-E_03 | 01100006 | STAMFORD HARBOR (Outer) | 0.5 | 2004 | M | 120,150,151,200,410 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 200,4000,7900,8650 |
| CT7405-E_04 | 01100006 | STAMFORD HARBOR (East Greenwich shore) | 1.1 | 2004 | M | 120,410,420 | F20,F21,F23,F90,T1,T42 | 1700,1750 | 9000 |
| CT7407-E_01 | 01100006 | COS COB HARBOR | 0.85 | 2004 | M | 120,410 | F20,F21,F42,F90,N23,P1 | 1700,1750 | 4000,6000,6500,7900 |
| CT7409-E_01 | 01100006 | GREENWICH HARBOR | 0.12 | 2004 | M | 120,180,250,410,840 | F21,F42,F90,N23,P1,P20 | 900,920,1200,1700,1750 | 200,4000,7900,8100 |
| CT7409-E_02 | 01100006 | GREENWICH HARBOR - INDIAN COVE | 0.33 | 2004 | M | 120,180,410,840 | F21,F42,F90,N23,P1,P20 | 900,920,1200,1700,1750 | 200,4000,7900,8100 |
| CT7411-E_01 | 01100006 | BYRAM RIVER ESTUARY | 0.1 | 2004 | M | 120,250,410 | F21,F90,N23,N42,P1,T20 | 200,420,1700,1750 | 400,500,4000,7900,9050 |

## Appendix E. Codes for Terms Used in Use Support Tables (Appendices B, C & D)

WBSEGID - An identification code assigned to each waterbody segment.
Example: River Segment CT1000-00_01, Pawkatuck River segment 01
CT = designates Connecticut
1000 = designates the Connecticut subregional basin code
00 = designates the main stem of the river (other numbers represent tributaries to the main stem)
01 = designates the river segment (01 always starts at the mouth)

CU - A USGS designated drainage basin (Cataloging Unit)

Segment Name - Usually the river, lake or estuary plus a segment number

Cycle – last year for which a water quality assessment was conducted based on the most recent available information

Assessment Category - M = monitored; E = evaluated (see Chapter 4. Assessment Methodology)

The following codes are taken directly from the US EPA-provided Assessment Database, in which all assessment data is tracked.

ASSESSMENT METHODS

| Method Code | METHOD NAME |
|---|---|
| 100 | QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED |
| 110 | Information from local residents |
| 120 | Surveys of fish and game biologists/other professionals |
| 125 | Waterbody segment is trout stocked, assumed to support cw fish |
| 130 | Land use information and location of sources |
| 140 | Incidence of spills and/or fish kills |
| 150 | Monitoring data more than 5 years old |
| 151 | p/c or trophic data more than 5 years old |
| 152 | benthic community data more than 5 years old |
| 153 | fish community data more than 5 years old |
| 170 | Best professional judgment |
| 175 | Occurrence of conditions judged to cause impairment |
| 180 | Screening models (desktop models/models not calibrated or verified) |
| 190 | Biological/habitat data extrapolated from upstream or downstream waterbody |
| 191 | Physical/chemical data extrapolated from upstream or downstream waterbody |
| 200 | PHYSICAL/CHEMICAL MONITORING |
| 210 | Fixed station physical/chemical monitoring (conventional pollutants only) |
| 220 | Non-fixed station physical/chemical monitoring (conventional pollutant only) |
| 222 | Non-fixed-station monitoring (conventional during key seasons and flows) |
| 230 | Fixed station physical/chemical (conventional plus toxic pollutants) |
| 231 | Highest quality fixed-station P/C (conventional plus toxicants) |
| 240 | Non-fixed station physical/chemical (conventional + toxicants) |
| 242 | Non-fixed station physical/chemical (conv + toxicants during key seasons and flows) |
| 250 | Chemical monitoring of sediments |
| 260 | Fish tissue analysis |
| 270 | PWS chemical monitoring (ambient water) |

275 PWS chemical monitoring (finished water)
300 BIOLOGICAL MONITORING
310 Ecological/habitat surveys
315 Regional reference site approach
320 Benthic macroinvertebrate surveys
321 RBP III or equivalent benthos surveys
322 RBP I or II or equivalent benthos surveys
330 Fish surveys
331 RBP V or equivalent fish surveys
340 Primary producer surveys (phytoplankton/periphyton/macrophyton)
350 Fixed station biological monitoring
360 HABITAT ASSESSMENT
365 Visual observation, usually at road crossings; professional not required
370 Visual observation, use of land use maps, ref. conditions, prof. not required
375 Visual observation, may not quantify some parameters; single season; by prof.
380 Quan. measurements of instream parms, channel morphology, floodplain; 1-2 seasons; by prof
400 PATHOGEN MONITORING
410 Shellfish surveys
420 Water column surveys (e.g. fecal coliform)
430 Sediment analysis
440 PWS pathogen monitoring (ambient water)
450 PWS pathogen monitoring (finished water)
500 TOXICITY TESTING
510 Effluent toxicity testing (acute)
520 Effluent toxicity testing (chronic)
530 Ambient toxicity testing (acute)
540 Ambient toxicity testing (chronic)
550 Toxicity testing of sediments
600 MODELING
610 Calibrated models (calibration data are less than 5 years old)
700 INTEGRATED INTENSIVE SURVEY (field work exceeds a 24hr period/multimedia)
705 physical/chemical (conventional & toxicants) only
710 Combined sampling of water column, sediment, biota for chemical analysis
720 Biosurveys of multiple taxonomic groups (e.g. fish/invertebrates/algae)
800 ASSESSMENTS BASED ON DATA FROM OTHER SOURCES
810 (VOL.) Chem./phys. monitoring data by quality-assured volunteer program
820 (VOL.) Benthic macroinvertebrate surveys by quality-assured volunteers
830 (VOL.) Bacteriological water column sampling by quality-assured volunteers
840 (Effl.) Discharger self-monitoring data
850 (Ambt.) Discharger self-monitoring data
860 Other Agencies/Organizations provided monitoring data
870 Drinking water supply closures or advisories (source-water quality based)
900 DISCREPANCY IN AQUATIC LIFE ASSESSMENT RESULTS
910 Physical/Chemical ALUS (Discrepancy among different data types)
920 Biological ALUS (Discrepancy among different data types)
925 Habitat ALUS (Discrepancy among different data types)
930 Toxicity Testing ALUS (Discrepancy among different data types)
940 Evaluated (qualitative) ALUS (Discrepancy among different data types)

Designated Use and Use Support appear as a combined code in the Use Support Appendices. Example: F1 = Full Support (F) for Overall Use (1).

DESIGNATED USES AND USE SUPPORT

| Use Code | Use Name | Support Code | Support Description |
|---|---|---|---|
| 1 | Overall Use Support | A | Not attainable |
| 20 | Aquatic Life Support | F | Fully |
| 21 | Fish Consumption | N | Not supporting |
| 22 | Cold Water Fishery - Trout | P | Partial |
| 23 | Shellfishing | T | Threatened |
| 24 | Warm Water Fishery | X | Not assessed |
| 25 | Anadromous Fish | | |
| 42 | Primary Contact (Recr) | | |
| 44 | Secondary Contact (Recr) | | |
| 50 | Drinking Water Supply | | |
| 62 | Aesthetics | | |
| 72 | Agriculture | | |
| 74 | Cultural/Ceremonial | | |
| 75 | Industrial Use | | |
| 82 | Hydropower | | |
| 90 | Nondegradation | | |
| 92 | Fish Consumption (organics) | | |

Causes and Sources: It should be noted that for some causes and sources there may be a major code followed by a more specific code. For example, the specific cause Mercury (560) is always associated with the major cause Metals (500). Similarly, the specific source Landfills (6300) is always associated with the major source Land Disposal (6000).

CAUSES

| Cause Code | Cause Name | Cause Code | Cause Name |
|---|---|---|---|
| 0 | Cause Unknown | 990 | Other |
| 100 | Unknown toxicity | 1000 | pH |
| 200 | Pesticides | 1005 | Low buffering capacity |
| 250 | Atrazine | 1100 | Siltation |
| 300 | Priority organics | 1200 | Organic enrichment/Low DO |
| 400 | Nonpriority organics | 1210 | Organinc Enrichment |
| 410 | PCB's | 1220 | Low DO |
| 420 | Dioxins | 1300 | Salinity/TDS/chlorides |
| 500 | Metals | 1310 | Salinity |
| 510 | Arsenic | 1320 | TDS |
| 520 | Cadmium | 1330 | Chlorides |
| 530 | Copper | 1335 | Sodium |
| 540 | Chromium | 1400 | Thermal modifications |
| 550 | Lead | 1500 | Flow alteration |
| 560 | Mercury | 1600 | Other habitat alterations |
| 570 | Selenium | 1700 | Pathogens |
| 580 | Zinc | 1750 | Indicator bacteria |
| 600 | Unionized Ammonia | 1800 | Radiation |
| 700 | Chlorine | 1900 | Oil and grease |
| 720 | Cyanide | 2000 | Taste and odor |
| 750 | Sulfates | 2100 | Suspended solids |
| 800 | Other inorganics | 2200 | Noxious aquatic plants |
| 810 | Sodium | 2210 | Algal Grwth/Chlorophyll a |
| 900 | Nutrients | 2400 | Total toxics |
| 910 | Phosphorus | 2500 | Turbidity |
| 920 | Nitrogen | 2600 | Exotic species |
| 930 | Nitrate | | |

SOURCES

| Source Code | Source Name | Source Code | Source Name |
|---|---|---|---|
| 100 | Industrial Point Sources | 5500 | Petroleum Activities |
| 110 | Major Industrial Point Source | 5600 | Mill Tailings |
| 120 | Minor Industrial Point Source | 5700 | Mine Tailings |
| 200 | Municipal Point Sources | 5800 | Acid Mine Drainage |
| 210 | Major Municipal Point Source | 5900 | Abandoned mining |
| 212 | Major Municipal Point Sources - dry weather discharges | 5950 | Inactive mining |
| 214 | Major Municipal Point Sources - wet weather discharges | 6000 | Land Disposal |
| 220 | Minor Municipal Point Source | 6100 | Sludge |
| 222 | Minor Municipal Point Sources - dry weather discharges | 6200 | Wastewater |
| 224 | Minor Municipal Point Sources - wet weather discharges | 6300 | Landfills |
| 230 | Package Plants (Small Flows) | 6350 | Inappropriate Waste Disposal/Wildcat Dumping |
| 400 | Combined Sewer Overflow | 6400 | Industrial Land Treatment |
| 500 | Collection System Failure | 6500 | Onsite Wastewater Systems (Septic Tanks) |
| 900 | Domestic Wastewater Lagoon | 6600 | Hazardous Waste |
| 1000 | Agriculture | 6700 | Septage Disposal |
| 1050 | Crop-related Sources | 7000 | Hydromodification |
| 1100 | Nonirrigated Crop Production | 7100 | Channelization |
| 1200 | Irrigated Crop Production | 7200 | Dredging |
| 1300 | Specialty Crop Production | 7300 | Dam Construction |
| 1350 | Grazing related Sources | 7350 | Upstream Impoundment |
| 1400 | Pasture grazing - Riparian and/or Upland | 7400 | Flow Regulation/Modification |
| 1410 | Pasture grazing - Riparian | 7450 | Hydropower generation |
| 1420 | Pasture grazing - Upland | 7550 | Habitat Modification (other than Hydromodification) |
| 1500 | Range grazing - Riparian and/or Upland | 7600 | Removal of Riparian Vegetation |
| 1510 | Range grazing - Riparian | 7700 | Bank or Shoreline Modification/Destabilization |
| 1520 | Range grazing - Upland | 7800 | Drainage/Filling Of Wetlands |
| 1600 | Intensive Animal Feeding Operations | 7900 | Marinas |
| 1620 | Concentrated Animal Feeding Operations (permitted, point source) | 7910 | In-water releases |
| 1640 | Confined Animal Feeding Operations (NPS) | 7920 | On-land releases |
| 1700 | Aquaculture | 8050 | Erosion from derelict Land |
| 1800 | Off-farm Animal Holding/Management Area | 8100 | Atmospheric Deposition |
| 2000 | Silviculture | 8200 | Waste Storage/Storage Tank Leaks |
| 2100 | Harvesting, Restoration, Residue Management | 8250 | Leaking Underground Storage Tanks |
| 2200 | Forest Management (pumped drainage, fertilization, pesticide application) | 8300 | Highway Maintenance and Runoff |
| 2300 | Logging Road Construction/Maintenance | 8400 | Spills |
| 2400 | Silvicultural Point Sources | 8500 | Contaminated Sediments |
| 3000 | Construction | 8520 | Debris and bottom deposits |
| 3100 | Highway/Road/Bridge Construction | 8530 | Internal nutrient cycling (primarily lakes) |
| 3200 | Land Development | 8540 | Sediment resuspension |
| 4000 | Urban Runoff/Storm Sewers | 8600 | Natural Sources |

| | |
|---|---|
| 4100 | Non-industrial Permitted |
| 4200 | Industrial Permitted |
| 4300 | Other Urban Runoff |
| 4400 | Illicit connections/illegal hook-ups/dry weather flows |
| 4500 | Highway/Road/Bridge Runoff |
| 4600 | Erosion and Sedimentation |
| 5000 | Resource Extraction |
| 5100 | Surface Mining |
| 5200 | Subsurface Mining |
| 5300 | Placer Mining |
| 8650 | Waterfowl |
| 8700 | Recreation and Tourism Activities (other than Boating - see 7900) |
| 8710 | Golf courses |
| 8900 | Salt Storage Sites |
| 8910 | Groundwater Loadings |
| 8920 | Groundwater Withdrawal |
| 8950 | Other |
| 9000 | Source Unknown |
| 9050 | Sources outside State Jurisdiction or Borders |
| 9070 | Unspecified Nonpoint Source |

| Water Utility | Reservoir/Waterbody | Activity Status | Type | Size (Acres) | Trophic Status |
|---|---|---|---|---|---|
| Aquarion Water Company, LAKEVILLE SYSTEM | Lakeville No.3 (Diversion) | Active | Storage | 0.9 | Oligotrophic |
| | Lakeville No.2 | Active | Distribution and Storage | 11.3 | Mesotrophic |
| | Kent Reservoir | Inactive | Distribution | 1.0 | Eutrophic |
| Aquarion Water Company, MAIN SYSTEM | Means Brook Reservoir | Active | Storage | 19.0 | Eutrophic |
| | West Pequonnock Diversion | Active | Transfer | 4.0 | Mesotrophic |
| | Far Mill Reservoir | Active | Storage | 59.0 | Eutrophic |
| | Saugatuck Reservoir | Active | Storage | 860.0 | Mesotrophic |
| | Easton Lake Reservoir | Active | Distribution | 488.0 | Mesotrophic |
| | Trap Falls Reservoir | Active | Distribution | 354.0 | Mesotrophic |
| | Aspetuck Reservoir | Active | Storage | 60.0 | Mesotrophic |
| | Hemlocks Reservoir | Active | Distribution | 437.0 | Mesotrophic |
| Aquarion Water Company, NORFOLK SYSTEM | Lake Wangum | Active | Distribution | 178.0 | Oligotrophic |
| Aquarion Water Company, RIDGEFIELD | Round Pond Reservoir | Active | Distribution | 39.0 | Mesotrophic |
| Aquarion Water Company, Simsbury System | Tuller Reservoir | Inactive | Distribution | 10.0. | No Information |
| Aquarion Water Company, STAMFORD | Mill River Reservoir | Active | Storage | 105.0 | Mesotrophic |
| | Trinity Lake | Active | Storage | 110.0 | Mesotrophic |
| | Siscowit Reservoir | Active | Storage | 45.0 | Mesotrophic |
| | Laurel Reservoir | Active | Distribution | 306.0 | Mesotrophic |
| | North Stamford Reservoir | Active | Distribution | 123.0 | Mesotrophic |
| BETHEL WATER DEPT | Eureka Lake | Active | Distribution | 34.0 | Eutrophic |
| | Mountain Pond | Active | Storage | 13.0 | Mesotrophic |
| | Chestnut Ridge Reservoir | Active | Distribution | 24.7 | Mesotrophic |
| BIRMINGHAM UTILITIES, INC. | Beaver Lake | Emergency | Storage | 82.5 | Mesotrophic |
| | Middle Reservoir | Emergency | Distribution | 3.2 | Mesotrophic |
| | Quillinan Reservoir | Offficially abandoned; sold to CT DEP 6/01 | | (11.5) | -------- |
| BRISTOL WATER DEPT | Bristol Reservoir #1 | Active | Distribution | 36.0 | Mesotrophic |
| | Bristol Reservoir #2 | Active | Storage | 19.4 | Oligotrophic |
| | Bristol Reservoir #3 | Active | Storage | 4.1 | Mesotrophic |
| | Bristol Reservoir #4 | Active | Storage | 43.9 | Mesotrophic |
| | Bristol Reservoir #5 | Active | Storage | 39.0 | Oligotrophic |
| | Bristol Reservoir #7 | Active | Storage | 189.6 | Mesotrophic |
| CONNECTICUT VALLEY HOSPITAL | CVH Reservoir 1 | Inactive | Storage | 1.3 | Mesotrophic* |
| | CVH Reservoir 2 | Active | Storage | 13.8 | Mesotrophic |
| | CVH Reservoir 3 & 4 | Active | Distribution | 20.3 | Mesotrphic* |
| | CVH Reservoir 5 | Active | Storage | 13.5 | Mesotrphic* |
| | CVH Reservoir 6 | Active | Storage | 17.3 | Mesotrphic* |
| Aquarion Water Company (Formerly CT-AM WATER CO, GREENWICH DIST) | Bargh Reservoir | Active | Storage | 216.0 | Mesotrophic |
| | Converse Lake | Emergency | Storage | 103.0 | Unknown |
| | Brush Reservoir | Active | Storage | 6.0 | Mesotrophic |
| | Rockwood Lake Reservoir | Active | Transfer | 110.4 | Mesotrophic |
| | Mianus Mill Pond | Active | Distribution | 6.4 | Eutrophic |
| | Putnam Lake Reservoir | Active | Distribution | 105.0 | Mesotrophic |
| Aquarion Water Company (Formerly CT-AM WATER CO, MYSTIC VALLEY DIST) | Dean's Mill Reservoir | Active | Storage | 13.0 | Mesotrophic |
| | Palmer Reservoir | Active | Distribution | 23.6 | Mesotrophic |
| CTWC, NAUGATUCK REG, CENTRAL SYS | Hopkins Diversion | Active | Transfer | 0.0 | Unknown |
| | Mulberry Reservoir | Active | Distribution | 11.0 | Mesotrophic |
| | Moody Reservoir | Active | Storage | 60.3 | Mesotrophic |
| | Upper Candee Reservoir | Active | Storage | 1.9 | Unknown |
| | Long Hill Reservoir | Active | Storage | 87.2 | Oligotrophic |
| | Straitsville Reservoir | Active | Distribution | 2.0 | Unknown |
| | Lower Candee Reservoir | Active | Distribution | 0.4 | Unknown |
| | Twitchell Reservoir | Active | Distribution | 0.8 | Unknown |
| | Terryville Reservoir No. 3 | Emergency | Distribution | 4.4 | Unknown |
| | Terryville Reservoir No. 2 | Officially Abandoned | | 0.0 | ------- |
| CTWC, NAUGATUCK REG, THOMASTON SYS | Thomaston Reservoir | Emergency | Distribution | 37.0 | Unknown |
| CTWC, NORTHERN REG, STAFFORD SYS | Stafford Reservoir No. 2 | Active | Distribution | 37.3 | Eutrophic |
| | Stafford Reservoir No. 3 | Active | Storage | 9.8 | Eutrophic |
| | Stafford Reservoir No.4 | Active | Storage | 52.0 | Oligotrophic |
| CTWC, NORTHERN REG, WESTERN SYS | Shenipsit Lake | Active | Distribution | 522.8 | Mesotrophic |
| CTWC, SHORELINE REG, CHESTER SYSTEM | Turkey Hill Reservoir | Active | Storage | 80.2 | Mesotrophic |
| | Upper Chester Reservoir | Active | Storage | 5.3 | Mesotrophic |
| | Lower Chester Reservoir | Active | Distribution | 47.9 | Oligotrophic |
| | Wilcox Reservoir | Active | Storage | 25.0 | Mesotrophic |
| | Deuses Pond | Active | Storage | 2.8 | Eutrophic |
| CTWC, SHORELINE REG, GUILFORD SYS | Killingworth Reservoir | Active | Storage | 88.3 | Mesotrophic |
| | KelseyTown Reservoir | Active | Distribution | 18.0 | Eutrophic |
| DANBURY WATER DEPT | Margerie Reservoir | Active | Distribution | 263.0 | Mesotrophic |
| | East Lake Reservoir | Active | Storage | 73.0 | Mesotrophic |
| | Padanaram Reservoir | Active | Storage | 10.0 | Mesotrophic |
| | Upper Kohanza Reservoir | Active | Storage | 31.0 | Mesotrophic |
| | Boggs Pond | Active | Storage | 47.0 | Mesotrophic |
| | Lower Kohanza Reservoir | Active | Storage | 8.0 | Mesotrophic |

| Water Utility | Reservoir/Waterbody | Activity Status | Type | Size (Acres) | Trophic Status |
|---|---|---|---|---|---|
| | West Lake Reservoir | Active | Distribution | 262.0 | Mesotrophic |
| | Lake Kenosia Diversion | Active | Transfer | 55.0 | Mesotrophic |
| GROTON UTILITIES | Billings Avery Brook Diversion | Active | Transfer | 25.0 | Oligotrophic |
| | Morgan Pond Reservoir | Active | Storage | 310.0 | Oligotrophic |
| | Ledyard Reservoir | Active | Storage | 124.0 | Oligotrophic |
| | Buddington Pond | Abandoned | | 0.0 | -------- |
| | Poquonnock Reservoir | Active | Distribution | 188.0 | Oligotrophic |
| | Poheganut Reservoir | Active | Storage | 90.0 | Oligotrophic |
| | Smith Lake | Active | Storage | 51.0 | Oligotrophic |
| JEWETT CITY WATER CO | Stone Hill Reservoir | Active | Distribution | 28.0 | Mesotrophic* |
| MERIDEN WATER DEPT | Kenmere Reservoir | Active | Storage | 30.0 | Mesotrophic |
| | Hallmere Reservoir | Active | Storage | 17.0 | Mesotrophic |
| | Merimere Reservoir | Active | Distribution | 58.0 | Mesotrophic |
| | Bradley Hubbard Reservoir | Active | Distribution | 41.0 | Mesotrophic |
| | Elmere Reservoir | Active | Distribution | 4.0 | No Information |
| | Broad Brook Reservoir | Active | Distribution | 312.0 | Mesotrophic |
| METROPOLITAN DISTRICT COMMISSION | Barkhamsted Reservoir | Active | Distribution and Storage | 2276.0 | Oligotrophic |
| | Nepaug Reservoir | Active | Distribution and Storage | 851.0 | Oligotrophic |
| | Bloomfield Reservoir #6 | Active | Distribution and Storage | 141.0 | Oligotrophic |
| | West Hartford Reservoir #2 | Active | Distribution and Storage | 44.0 | Oligotrophic |
| | West Hartford Reservoir #5 | Active | Distribution and Storage | 25.0 | Oligotrophic |
| | West Hartford Reservoir #3 | Active | Distribution and Storage | 28.0 | Mesotrophic |
| | Lake McDonough | Emergency | Storage | 390.0 | Oligotrophic |
| MIDDLETOWN WATER DEPT | Adder Reservoir | Active | Storage | 34.0 | Mesotrophic |
| | Mount Highby Reservoir #1 | Active | Distribution | 134.0 | Mesotrophic |
| | Mount Highby Reservoir #2 | Active | Transfer | unknown | Eutrophic |
| | Mount Highby Reservoir #3 | Active | Transfer | unknown | Eutrophic |
| | Laurel Brook Reservoir | Emergency | Storage | 73.0 | Eutrophic |
| New Britain Water Department | Whigville Reservoir | Active | Storage and Transfer | 10.7 | Eutrophic* |
| | Shuttle Meadow Reservoir | Active | Storage | 203.6 | Eutrophic* |
| | Wasel Reservoir | Active | Storage and Transfer | 103.0 | Eutrophic* |
| | North Hart Pond | Active | Storage | 62.0 | Unknown |
| | Wolcott Reservoir | Active | Storage and Transfer | 49.8 | Unknown |
| | South Hart Pond | Active | Storage | 44.4 | Unknown |
| NEW HARTFORD WATER DEPT | Steele Road Reservoir | Inactive | Distribution | 0.3 | No Information |
| NEW LONDON WATER DIVISION | Fairy Lake Reservoir | Active | Storage | 83.0 | Mesotrophic |
| | Bond Reservoir | Emergency | Storage | 4.0 | Unknown |
| | Barnes Reservoir | Active | Storage | 47.0 | Mesotrophic |
| | Bogue Brook Reservoir | Active | Storage | 72.0 | Mesotrophic |
| | Beckwith Pond Diversion | Active | Transfer | 3.5 | Mesotrophic |
| | Davis Pond | Emergency | Storage | 2.0 | Unknown |
| | Lake Konomoc Reservoir | Active | Distribution and Storage | 307.0 | Mesotrophic |
| | Lake Brandegee | Inactive | Storage | 70.0 | Unknown |
| NORWALK, FIRST TAXING DISTRICT | Scotts Reservoir | Active | Storage | 11.0 | Eutrophic |
| | Browns Reservoir | Active | Storage | 44.0 | Mesotrophic |
| | John D. Milne Reservoir | Active | Distribution and Storage | 78.0 | Mesotrophic |
| | Grupes Reservoir | Active | Distribution | 21.0 | Eutrophic |
| NORWALK, SECOND TAXING DISTRICT | Pope's Pond Reservoir | Active | Storage | 85.0 | Eutrophic |
| | City Lake Reservoir | Active | Distribution | 142.0 | Mesotrophic |
| | Rock Lake Reservoir | Active | Storage | 18.0 | Mesotrophic |
| | New Canaan Reservoir | Active | Storage | 21.0 | Mesotrophic |
| NORWICH WATER DEPT | Bog Meadow | Emergency | Storage | 45.0 | Mesotrophic |
| | Deep River Reservoir | Active | Distribution | 245.0 | Oligotrophic |
| | Fairview Reservoir | Emergency | Distribution | 102.0 | Oligotrophic |
| | Stony Brook Reservoir | Active | Distribution | 72.0 | Oligotrophic |
| | Taftville Reservoir No.1 | Inactive | Distribution | 7.0 | No Information |
| | Taftville Reservoir No.2 | Inactive | Distribution | 7.0 | No Information |
| | Taftville Reservoir No.3 | Inactive | Transfer | 0.0 | No Information |
| PORTLAND WATER DEPARTMENT | Portland Reservoir | Abanodoned, due to connection with MDC system | | (33.0) | -------- |
| POWDREL & ALEXANDER MEMORIAL WTR ASSN | Powdrell and Alexander Reservoir | Inactive | Distribution | 0.6 | No Information |
| REGIONAL WATER AUTHORITY | Prospect Reservoir | Inactive | Distribution | 7.0 | Unknown |
| | Lake Bethany | Active | Storage | 105.0 | Mesotrophic |
| | Lake Chamberlain | Active | Storage | 110.0 | Mesotrophic |
| | Lake Watrous | Active | Distribution | 110.0 | Mesotrophic |
| | Lake Menunkatuck | Active | Storage | 39.5 | Mesotrophic |
| | Lake Hammonasset | Active | Storage | 243.4 | Mesotrophic |
| | Lake Glen | Active | Distribution | 26.0 | Mesotrophic |
| | Lake Dawson | Active | Distribution | 70.3 | Mesotrophic |
| | Lake Gaillard | Active | Distribution | 1115.0 | Mesotrophic |
| | Lake Whitney | Inactive | Distribution | 178.0 | Eutrophic |
| | Lake Saltonstall | Active | Distribution | 390.0 | Eutrophic |
| | Maltby Lakes #2 | Inactive | Distribution | 23.0 | Mesotrophic |

| Water Utility | Reservoir/Waterbody | Activity Status | Type | Size (Acres) | Trophic Status |
|---|---|---|---|---|---|
| | Wepawaug Diversion | Inactive | Storage | 11.0 | Mesotrophic |
| | Maltby Lakes #1 | Inactive | Distribution | 23.0 | Mesotrophic |
| | Maltby Lakes #3 | Inactive | Storage | 26.0 | Mesotrophic |
| SHARON WATER & SEWER COMMISSION | Beardsley Pond Reservoir | Active | Storage | 41.3 | Mesotrophic |
| (Aquarion Management Services) | Calkinstown Reservoir | Active | Distribution | 0.4 | Mesotrophic |
| SOUTHINGTON WATER WORKS DEPT | Southington Reservoir #1 | Active | Distribution | 1.5 | Mesotrophic* |
| | Southington Reservoir #2 | Active | Storage | 24.9 | Oligotrophic* |
| | Southington Reservoir #3 | Active | Distribution and Storage | 14.7 | Mesotrophic* |
| SPRAGUE WATER & SEWER AUTHORITY | Baltic Reservoir | Inactive | Distribution | 23.1 | No Information |
| TORRINGTON WATER COMPANY | North Pond | Active | Storage | 160.0 | Oligotrophic |
| | Reuben Hart Reservoir | Active | Storage | 122.0 | Oligotrophic |
| | Wist Pond | Active | Storage | 39.0 | Oligotrophic |
| | Allen Dam Reservoir | Active | Transfer | 2.0 | Mesotrophic |
| | Crystal Lake | Inactive | Inactive | 0.0 | Mesotrophic |
| TOWN OF MANCHESTER WATER DEPT | Risley Reservoir | Active | Storage | 17.5 | Unknown |
| | Lydall Reservoir No.1 | Active | Storage | 2.6 | Unknown |
| | Lydall Reservoir No.2 | Active | Storage | 3.8 | Unknown |
| | Porter Reservoir | Active | Storage | 7.4 | Unknown |
| | Howard Reservoir | Active | Storage | 21.5 | Unknown |
| | Globe Hollow Reservoir | Active | Distribution | 45.6 | Unknown |
| | Buckingham Reservoir | Active | Storage | 36.5 | Unknown |
| UNITED WATER CT - WOODBURY SYSTEM | Woodbury Reservoir #2 | Officially Abandoned | | (7.3) | -------- |
| | Woodbury Reservoir #1 | Officially Abandoned | | (1.0) | -------- |
| VALLEY WATER SYSTEMS, INC | Plainville Reservoir | Officially Abandoned; sold to town of Southington | | (53.0) | -------- |
| WALLINGFORD WATER DEPT | Ulbrich Reservoir | Active | Storage | 159.0 | Oligotrophic |
| | MacKenzie Reservoir | Active | Storage | 46.0 | Mesotrophic |
| | Pistapaug Pond | Active | Distribution | 145.0 | Oligotrophic |
| | Lane's Pond | Active | Storage | 16.0 | Oligotrophic |
| WATERBURY WATER DEPT | Cairns Reservoir | Active | Storage | 337.0 | Oligotrophic |
| | Shepaug Reservoir | Active | Storage | 97.0 | Mesotrophic |
| | Pitch Reservoir | Active | Distribution and Storage | 111.0 | Mesotrophic |
| | Morris Reservoir | Active | Distribution and Storage | 152.0 | Mesotrophic |
| | Wigwam Reservoir | Active and Emergency | Distribution and Storage | 105.0 | Unknown |
| | East Mountain Reservoir | Inactive | Storage | 0.0 | No Information |
| | Prospect #2 | Officiially Abandoned | | 0.0 | -------- |
| WATERTOWN FIRE DIST WATER DEPT | Bronson E. Lockwood Reservoir | Inactive | Transfer | 73.5 | Eutrophic |
| | Bethlehem Reservoir | Inactive | Transfer | 9.0 | Eutrophic |
| | Judd Pond Reservoir | Inactive | Transfer | 27.5 | Mesotrophic |
| US ARMY CORPS OF ENGINEERS | Mansfield Hollow Lake (Reservoir) | Inactive | Not Used for Water Suppl | 450.0 | Eutrophic |
| WINDHAM WATER WORKS | Willimantic Reservoir | Active | Distribution | 80.0 | Mesotrophic |
| WINSTED WATER WORKS | Rugg Brook Reservoir | Inactive | Storage | 45.0 | Oligotrophic |
| | Crystal Lake Reservoir | Active | Distribution | 146.0 | Oligotrophic |
| Total Acres | | | | 18424.5 | |
| * Trophic status determined by available data and best professional judgement. | | | | | |

**Appendix G:** Some Applicable Water Quality Standards and Criteria for Assessed Waters

The information provided in this appendix has been excerpted from the Connecticut Water Quality Standards (2002) to provide reference material for the Consolidated Assessment & Listing Methodology (2004). Refer to the full text of the Connecticut Water Quality Standards (http://www.dep.state.ct.us/wtr/wq/wqs.pdf) for further information and policy statements.

**Allowable Discharges to Surface Waters:**

(A) Class AA, A and SA surface waters: discharges may be permitted by the Commissioner from public or private drinking water treatment systems, dredging activity and dredge material dewatering operations, including the discharge of dredged or fill material and clean water discharges. In Class AA surface waters such discharges shall be subject to the approval of the Commissioner of Health Services. The Commissioner may authorize other discharges to surface waters with a Classification of SA, A or AA provided the Commissioner finds such discharge will be of short duration and is necessary to remediate surface water or ground water pollution. Any such discharge shall be treated or controlled to a level, which in the judgment of the Commissioner protects aquatic life and public health.

(B) Class B and SB surface waters: discharges may be permitted for all those allowed in Class AA, A and SA surface waters, cooling water discharges, discharges from municipal and industrial wastewater treatment systems and other discharges subject to the provisions of Section 22a-430 of the Connecticut General Statutes.

**INLAND SURFACE WATERS CLASSES AND CRITERIA**

**CLASS AA**

Designated Uses- These surface waters are designated for: existing or proposed drinking water supplies; habitat for fish and other aquatic life and wildlife; recreation; and water supply for industry and agriculture.

| Parameter | Criteria |
|---|---|
| 1. Aesthetics | Uniformly excellent. |
| 2. Dissolved oxygen | Not less than 5 mg/l at any time. |
| 3. Sludge deposits-solid refuse- floating solids-oils and grease-scum | None other than of natural origin. |
| Color | None other than of natural origin. |

| | | |
|---|---|---|
| 5. | Suspended and settleable solids | None in concentrations or combinations which would impair designated uses; none aesthetically objectionable; none which would significantly alter the physical or chemical composition of the bottom; none which would adversely impact aquatic organisms living in or on the bottom substrate. |
| 6. | Silt or sand deposits | None other than of natural origin except as may result from normal agricultural, road maintenance, construction activity or dredging activity or discharge of dredged or fill materials provided all reasonable controls or Best Management Practices are used in such activities and all designated uses are protected and maintained. |
| 7. | Turbidity | Shall not exceed 5 NTU over ambient levels and none exceeding levels necessary to protect and maintain all designated uses. All reasonable controls or Best Management Practices are to be used to control turbidity. |
| 8. | Indicator bacteria | See Bacteria Criteria at end of appendix. |
| 9. | Taste and odor | None other than of natural origin. |
| 10. | pH | As naturally occurs. |
| 11. | Allowable temperature increase | There shall be no changes from natural conditions that would impair any existing or designated uses assigned to this Class and, in no case exceed 85 degrees F, or in any case raise the temperature of surface water more than 4 degrees F. |
| 12. | Chemical constituents | None in concentrations or combinations which would be harmful to designated uses. Refer to Water Quality Standards (2002) numbers 10, 12, 13, and 19. |
| | (a) Phosphorus | None other than of natural origin |
| | (b) Sodium | Not to exceed 20 mg/l |
| 13. | Benthic invertebrates which inhabit lotic waters | A wide variety of macroinvertebrate taxa should normally be present and all functional feeding groups should normally be well represented. Presence and productivity of aquatic species is not limited except by natural conditions, permitted flow regulation or irreversible cultural impacts**.** Water quality shall be sufficient to sustain a diverse macroinvertebrate community of indigenous species. Taxa within the Orders Plecoptera (stoneflies), Ephemeroptera (mayflies), Coleoptera |

(beetles) and Trichoptera (caddisflies) should be well represented.

**CLASS A**

Designated Uses - These surface waters are designated for: habitat for fish and other aquatic life and wildlife; potential drinking water supplies; recreation; and water supply for industry and agriculture.

| Parameter | Criteria |
| --- | --- |
| 1. Aesthetics | Uniformly excellent. |
| 2. Dissolved oxygen | Not less than 5 mg/l at any time. |
| 3. Sludge deposits solid refuse – floating solids –oils and grease-scum. | None other than of natural origin. |
| 4. Color | None other than of natural origin |
| 5. Suspended and settleable solids | None in concentrations or combinations which would impair designated uses; none aesthetically objectionable; none which would significantly alter the physical or chemical composition of the bottom; none which would adversely impact aquatic organisms living in or on the bottom substrate. |
| 6. Silt or sand deposits | None other than of natural origin except as may result from normal agricultural, road maintenance, construction activity, dredging activity or the discharge of dredged or fill materials provided all reasonable controls or best management practices are used in such activities and all designated uses are protected and maintained. |
| 7. Turbidity | Shall not exceed 5 NTU over ambient levels and none exceeding levels necessary to protect and maintain all designated uses. All reasonable controls or Best Management Practices are to be used to control turbidity. |
| 8. Indicator Bacteria | See Bacteria Criteria at end of appendix. |
| 9. Taste and odor | None other than of natural origin. |

| | | |
|---|---|---|
| 10. | pH | As naturally occurs. |
| 11. | Allowable temperature increase | There shall be no changes from natural conditions that would impair any existing or designated uses assigned to this Class and, in no case exceed 85 degrees F, or in any case raise the temperature of surface water more than 4 degrees F. |
| 12. | Chemical constituents | None in concentrations or combinations which would be harmful to designated uses. Refer to Water Quality Standards (2002) numbers 10, 12, 13, and 19. |
| | (a) Phosphorus | None other than of natural origin. |
| | (b) Sodium | None other than of natural origin. |
| 13. | Benthic invertebrates which inhabit lotic waters. | A wide variety of macroinvertebrate taxa should normally be present and all functional feeding groups should normally be well represented. Presence and productivity of aquatic species is not limited except by natural conditions, permitted flow regulation or irreversible cultural impacts. Water quality shall be sufficient to sustain a diverse macroinvertebrate community of indigenous species. Taxa within the Orders Plecoptera (stoneflies), Ephemeroptera (mayflies), Coleoptera (beetles) and Trichoptera (caddisflies) should be well represented. |

**CLASS B**

Designated Uses - These surface waters are designated for: habitat for fish and other aquatic life and wildlife; recreation; and industrial and agricultural water supply.

| Parameter | | Criteria |
|---|---|---|
| 1. | Aesthetics | Good to excellent |
| 2. | Dissolved oxygen | Not less than 5 mg/l at any time. |
| 3. | Sludge deposits - solid refuse - floating solids - oil and grease – scum | None except for small amounts that may result from the discharge from a permitted waste treatment facility and none exceeding levels necessary to protect and maintain all designated uses. |
| 4. | Color | None which causes visible discoloration of the surface water outside of any designated zone of influence. |

| | | |
|---|---|---|
| 5. | Suspended and settleable solids | None in concentrations or combinations which would impair the most sensitive designated use; none aesthetically objectionable; none which would significantly alter the physical or chemical composition of the bottom; and none which would adversely impact aquatic organisms living in or on the bottom sediments; shall not exceed 10 mg/l over ambient concentrations. |
| 6. | Silt or sand deposits | None other than of natural origin except as may result from normal agricultural, road maintenance, construction activity, dredging activity or discharge of dredged or fill materials provided all reasonable controls or Best Management Practices are used in such activities and all designated uses are protected and maintained. |
| 7. | Turbidity | Shall not exceed 5 NTU over ambient levels and none exceeding levels necessary to protect and maintain all designated uses. All reasonable controls or Best Management Practices are to be used to control turbidity. |
| 8. | Indicator bacteria | See Bacteria Criteria at end of appendix. |
| 9. | Taste and odor | None that would impair any uses specifically assigned to this Class. |
| 10. | pH | 6.5 - 8.0 |
| 11. | Allowable temperature increase | There shall be no changes from natural conditions that would impair any existing or designated uses assigned to this Class and, in no case exceed 85 degrees F, or in any case raise the temperature of the receiving water more than 4 degrees F. |
| 12. | Chemical constituents | None in concentrations or combinations which would be harmful to designated uses. Refer to Water Quality Standards (2002) numbers 10, 11, 12, 13, 17, and 19. |
| 13. | Benthic invertebrates which inhabit lotic waters | Water quality shall be sufficient to sustain a diverse macroinvertebrate community of indigenous species. All functional feeding groups and a wide variety of macroinvertebrate taxa shall be present, however one or more may be disproportionate in abundance. Waters which currently support a high quality aquatic community shall be maintained at that high quality. Presence and productivity of taxa within the Orders Plecoptera (stoneflies), Ephemeroptera (mayflies); and pollution intolerant Coleoptera (beetles) and Trichoptera |

(caddis- flies) may be limited due to cultural activities. Macroinvertebrate communities in waters impaired by cultural activities shall be restored to the extent practical through implementation of the department's procedures for control of pollutant discharges to surface waters and through Best Management Practices for non-point sources of pollution.

**LAKE TROPHIC CATEGORIES**

Criteria for Total Phosphorus, Total Nitrogen, Chlorophyll-a, and Secchi Disk Transparency appearing in the table below represent acceptable ranges for these parameters within which recreational uses will be fully supported and maintained for lakes in each trophic category. For the purpose of determining consistency with the water quality standards for lakes classified AA, A or B, an assessment of the natural trophic category of the lake, absent significant cultural impacts, must be performed to determine which criteria apply.

OLIGOTROPHIC

May be Class AA, Class A, or Class B water. Low in plant nutrients. Low biological productivity characterized by the absence of macrophyte beds. High potential for water contact recreation.

| Parameters | | Criteria |
|---|---|---|
| 1. | Total Phosphorus | 0-10 ug/l spring and summer |
| 2. | Total Nitrogen | 0-200 ug/l spring and summer |
| 3. | Chlorophyll-a | 0-2 ug/l mid-summer |
| 4. | Secchi Disk Transparency | 6 + meters mid-summer |

MESOTROPHIC

May be Class AA, Class A, or Class B water. Moderately enriched with plant nutrients. Moderate biological productivity characterized by intermittent blooms of algae and/or small areas of macrophyte beds. Good potential for water contact recreation.

| Parameters | | Criteria |
|---|---|---|
| 1. | Total Phosphorus | 10-30 ug/l spring and summer |
| 2. | Total Nitrogen | 200-600 ug/l spring and summer |
| 3. | Chlorophyll-a | 2-15 ug/l mid-summer |
| 4. | Secchi Disk Transparency | 2-6 meters mid-summer |

EUTROPHIC

May be Class AA, Class A, or Class B water. Highly enriched with plant nutrients. High biological productivity characterized by frequent blooms of algae and/or extensive areas of dense macrophyte beds. Water contact recreation opportunities may be limited.

| Parameters | | Criteria |
|---|---|---|
| 1. | Total Phosphorus | 30-50 ug/l spring and summer |
| 2. | Total Nitrogen | 600-1000 ug/l spring and summer |
| 3. | Chlorophyll-a | 15-30- ug/l mid-summer |
| 4. | Secchi Disk Transparency | 1-2 meters mid-summer |

HIGHLY EUTROPHIC

May be Class AA, Class A, or Class B water. Excessive enrichment with plant nutrients. High biological productivity, characterized by severe blooms of algae and/or extensive areas of dense macrophyte beds. Water contact recreation may be extremely limited.

| Parameters | | Criteria |
|---|---|---|
| 1. | Total Phosphorus | 50 + ug/l spring and summer |
| 2. | Total Nitrogen | 1000 + ug/l spring and summer |
| 3. | Chlorophyll-a | 0-1 meters mid-summer |

**COASTAL WATERS, CLASSES & CRITERIA.**

**CLASS SA** -

Designated Uses - These surface waters are designated for: habitat for marine fish, other aquatic life and wildlife; shellfish harvesting for direct human consumption where authorized; recreation; industrial water supply; and navigation.

| Parameter | | Criteria |
|---|---|---|
| 1. | Aesthetics | Uniformly excellent. |
| 2. | Dissolved Oxygen | Not less than 6.0 mg/l at any time in the nearshore waters of Long Island Sound, including harbors, embayments and estuarine tributaries.<br><br>Not less than 6.0 mg/l at any time in the offshore waters of Long Island Sound, above the seasonal pycnocline and throughout the Sound when no pycnocline is established.<br><br>Not less than 3.5 mg/l for offshore waters within and below the seasonal pycnocline. Cumulative periods of dissolved oxygen in |

| | | |
|---|---|---|
| | | the 3.5 - 4.8 mg/l range shall not exceed exposure parameters detailed in the *Dissolved Oxygen (DO) Criteria for Offshore Coastal Waters* at the end of this appendix. |
| 3. | Sludge Deposits-solid-refuse, floating-solids, oils and grease scum | None other than of natural origin. |
| 4. | Color | None other than of natural origin. |
| 5. | Suspended and settleable solids | None, other than of natural origin. |
| 6. | Silt or sand deposits | None other than of natural origin except as may result from normal agricultural. Road maintenance, construction activity, dredging activity or discharge of dredged or fill materials provided all reasonable controls or Best Management Practices are used in such activities and all designated uses are protected and maintained. |
| 7. | Turbidity | None other than of natural origin except as may result from normal agricultural, road maintenance, or construction activity, dredging activity or discharge of dredged or fill materials provided all reasonable controls and Best Management Practices are used to control turbidity and none exceeding levels necessary to protect and maintain all designated uses. |
| 8. | Indicator bacteria | See Bacteria Criteria at end of appendix. |
| 9. | Taste and odor | As naturally occurs. |
| 10. | pH | 6.8 - 8.5 |
| 11. | Allowable temperature increase | There shall be no changes from natural conditions that would impair any existing or designated uses assigned to this Class and in no case exceed 83 degrees F, or in any case raise the temperature of the receiving water more than 4 degrees F. During the period including July, August, and September, the temperature of the receiving water shall not be raised more than 1.5 degrees F unless it can be shown that spawning and growth of indigenous organisms will not be significantly affected. |
| 12. | Chemical constituents | None in concentrations or combinations which would be harmful to designated uses. Refer to Water Quality Standards (2002) numbers 10, 12, 13, and 19. |

**CLASS SB**

Designated Uses - These waters are designated for: habitat for marine fish, other aquatic life and wildlife; commercial shellfish harvesting where authorized; recreation; industrial water supply; and navigation.

| Parameter | Criteria |
|---|---|
| 1. Aesthetics | Good to excellent. |
| 2. Dissolved Oxygen | Not less than 5.0 mg/l at any time in the near shore water of Long Island Sound, including harbors, embayments and estuarine tributaries.<br><br>Not less than 5.0 mg/l at any time in the offshore waters of Long Island Sound above the seasonal pycnocline and throughout the Sound when no pycnocline is established.<br><br>Not less than 3.5 mg/l for offshore waters within and below the seasonal pycnocline. Cumulative periods of dissolved oxygen exposure in the 3.5 – 4.8 mg/l range shall not exceed parameters detailed in *Dissolved Oxygen (DO) Criteria for Offshore Coastal Waters* at the end of this appendix. |
| 3. Sludge deposits solid refuse – floating solids – oils and grease-scum | None except for small amounts that may result from the discharge from a grease waste treatment facility providing appropriate treatment and none exceeding levels necessary to protect and maintain all designated uses. |
| 4. Color | None resulting in obvious discoloration of the surface water outside of any designated zone of influence. |
| 5. Suspended and settleable solids | None in concentrations or combinations which would impair the designated uses; none aesthetically objectionable; none which would significantly alter the physical or chemical composition of bottom sediments; none which would adversely impact organisms living in or on the bottom sediment. |
| 6. Silt or sand deposits | None other than of natural origin except as may result from normal agricultural, road maintenance, construction activity, dredging activity or discharge of dredged or fill materials provided all reasonable controls or Best Management Practices are used in such activities and all designated uses are protected and maintained. |

| | | |
|---|---|---|
| 7. | Turbidity | None other than of natural origin except as may result from normal agricultural, road maintenance, or construction activity, or discharge from a waste treatment facility providing appropriate treatment, dredging activity or discharge of dredged or fill materials provided all reasonable controls and Best Management Practices are used to control turbidity and none exceeding levels necessary to protect and maintain all designated uses. |
| 8. | Indicator bacteria | See Bacteria Criteria at the end of this appendix |
| 9. | Taste and odor | As naturally occurs. None that would impair any uses specifically assigned to this Class. |
| 10. | pH | 6.8 - 8.5 |
| 11. | Allowable temperature increase | There shall be no changes from natural conditions that would impair any existing or designated uses assigned to this Class and, in no case exceed 83 degrees F, or in any case raise the temperature of the receiving water more than 4 degrees F. During the period including July, August, and September, the temperature of the receiving water shall not be raised more than 1.5 degrees F unless it can be shown that spawning and growth of indigenous organisms will not be significantly affected. |
| 12. | Chemical constituents | None in concentrations or combinations which would be harmful to the designated uses. Refer to Water Quality Standards (2002) numbers 10, 12, 13, and 19. |

## Water Quality Criteria for Bacterial Indicators of Sanitary Quality

**SEE ALSO STANDARDS # 23 AND 25**

| DESIGNATED USE | CLASS | INDICATOR | CRITERIA |
|---|---|---|---|
| **<u>Freshwater</u>** | | | |
| **Drinking Water Supply (1)** | | | |
| Existing / Proposed | AA | Total Coliform | Monthly Moving Average less than 100/100 ml<br>Single Sample Maximum 500/100ml |
| Potential | A | ---- | -------- |
| **Recreation (2)(3)** | | | |
| Designated Swimming (4) | AA, A, B | *Escherichia coli* | Geometric Mean less than 126/100ml<br>Single Sample Maximum 235/100ml |
| Non-designated Swimming (5) | AA, A, B | *Escherichia coli* | Geometric Mean less than 126/100ml<br>Single Sample Maximum 406/100ml |
| All Other Recreational Uses | AA, A, B | *Escherichia coli* | Geometric Mean less than 126/100ml<br>Single Sample Maximum 576/100ml |
| **<u>Saltwater</u>** | | | |
| Shellfishing | | | |
| Direct Consumption | SA | Fecal Coliform | Geometric Mean less than 14/100ml<br>90% of Samples less than 43/100ml |
| Commercial Harvesting | SB | Fecal Coliform | Geometric Mean less than 88/100ml<br>90% of Samples less than 260/100ml |
| Recreation | | | |
| Designated Swimming (4) | SA, SB | Enterococci | Geometric Mean less than 35/100ml<br>Single Sample Maximum 104/100ml |
| All Other Recreational Uses | SA, SB | Enterococci | Geometric Mean less than 35/100ml<br>Single Sample Maximum 500/100ml |

**Table Notes:**

(1) Criteria applies only at the drinking water supply intake structure.

(2) Criteria for the protection of recreational uses in Class B waters do not apply when disinfection of sewage treatment plant effluents is not required consistent with Standard 23.

(3) See Standard # 25.

(4) Procedures for monitoring and closure of bathing areas by State and Local Health Authorities are specified in: <u>Guidelines for Monitoring Bathing Waters and Closure Protocol</u>, adopted jointly by the Department of Environmental Protection and the Department of Public Health, May 1989, revised June 1992.

(5) Includes areas otherwise suitable for swimming but which have not been designated by State or Local authorities as bathing areas, waters which support tubing, water skiing, or other recreational activities where full body contact is likely.

**Guidelines for Use of Indicator Bacteria Criteria**

Water Quality Classifications are reviewed approximately every three years at which time all available water quality monitoring data is considered along with other relevant information. Relevant information includes but is not limited to federal guidance concerning the scientific basis for deriving the criteria and the potential health risks associated with excursions above the criteria, recommended implementation procedures, and the results of sanitary surveys or other investigations into sources of indicator bacteria in the watershed. Public input is also solicited and considered in determining the existing water quality conditions and water quality goals. Nevertheless, the Water Quality Classification may not be an accurate representation of current water quality conditions at any particular site. For this reason, <u>the Water Quality Classification should not be considered as a certification of quality by the State or an approval to engage in certain activities such as swimming or shellfish harvest</u>

## Dissolved Oxygen (DO) Criteria for Offshore Coastal Waters

***Background***: Offshore Coastal DO criteria are based on the Environmental Protection Agency's *Ambient Water Quality Criteria for Dissolved Oxygen (Saltwater): Cape Cod to Cape Hatteras*, noticed November 30, 2000 in the Federal Register (65(231):71317-71321).

***Area Affected***: DO criteria different from the 6.0 mg/l and 5.0 mg/l minimums for Class SA and SB offshore waters apply only in and below the pycnocline of Long Island Sound (LIS) where stratification occurs during warm, summer conditions. Offshore waters are defined as areas of LIS greater than 5m in depth at mean low water. Offshore waters above the pycnocline generally have ample DO from photosynthesis and wave-driven diffusion.

***Cumulative DO exposure parameters:*** DO conditions in the area affected do not readily lend themselves to a single numeric criterion as is often done with toxic contaminants. Aquatic organisms are harmed based on a combination of minimum oxygen concentration and duration of the low DO excursion. A DO concentration of 4.8 mg/l would meet the chronic criteria for growth and protect estuarine organisms resident in LIS regardless of duration. If oxygen fell within a 0.5 mg/l incremental range below 4.8 mg/l (*i.e.,* between 4.3 and 4.8 mg/l), a duration of 21 days or less would meet resource protection goals. Based upon the EPA research and data, similar exposure allowances were used by the Connecticut DEP for each 0.5 mg/l increment (see Table 1). The minimum DO level that can be associated with the draft EPA DO criteria document (i.e. the level below which there would be no exposure period consistent with resource protection) is 2.3 mg/l. Given the environmental variability, DEP has used more protective minimum DO criteria of 3.5-3.8 mg/l with no more than 5 days exposure.

Because estuarine systems are variable, DO levels are unlikely to remain within one of the three incremental ranges presented in Table 1. Typically, DO conditions would fall through a range to a minimum and then begin to rebound depending on weather and stratification conditions. To account for this, the number of days within each incremental DO range is pro-rated, as follows. A decimal fraction is calculated for each range, *e.g.*, 10.5 days in the 4.3-4.8 mg/l range would produce a decimal fraction of 0.50 (10.5 days/21 days). As long as the sum of those fractions calculated for each range is less than 1.0, resource protection goals are maintained for larval recruitment.

Table 1. DO incremental ranges and duration (exposure) data to be applied to LIS in the area affected to ensure protection of larval recruitment.

| DO Range (mg/l) | | No. of Days Allowed |
|---|---|---|
| Maximum | Minimum | |
| 4.8 | 4.3 | 21 |
| 4.3 | 3.8 | 11 |
| 3.8 | 3.5 | 5 |

APPENDIX H
CTDEP BUREAU OF WATER MANAGEMENT/PLANNING AND STANDARDS DIVISION
AMBIENT BIOLOGICAL MONITORING PROGRAM
SAMPLING LOCATIONS AND PROVISIONAL RESULTS USEPA RBP PROTOCOL III ASSESSMENTS

SPRING 2002-FALL 2003

| River/BasinID Date/Location | Community Description | | | | | | Habitat Category | Reference Site | RBP Assessment | Meets Benthic Standards |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Poor Quality | | Moderate Quality | | High Quality | (Year) | | | |
| **PAWCATUCK RIVER BASIN:** | | | | | | | | | | |
| **Wyassup Brook** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| North Stonington | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT1001-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | NA | 245 | Non-Impaired | Fully Supporting |
| 10/24/2002 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| at mouth upstream of Clarks Falls Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Green Fall River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| North Stonington | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT1002-00_02 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 159 | 245 | Reference | Fully Supporting |
| 10/24/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 100% | |
| US Clarks Fall Rd., US Wyassup Bk. | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Green Fall River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| North Stonington | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT1002-00_02 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 168 | 245 | Reference | Fully Supporting |
| 10/7/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| US Clarks Fall Rd., US Wyassup Bk. | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Shunock River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| North Stonington | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT1004-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 168 | - - - | Not Assessed | Unknown |
| 10/24/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | Low | |
| upstream Route 184 | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | Gradient | |
| **Shunock River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| North Stonington | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT1004-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 168 | 245 | Slight | Fully Supporting |
| 10/24/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 76% | |
| upstream Route 184 | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Shunock River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| North Stonington | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT1004-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 161 | 245 | Non-Impaired | Fully Supporting |
| 10/7/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| upstream Route 49 | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **SOUTHEAST COASTAL BASIN:** | | | | | | | | | | |
| **Seth Williams Brook** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Ledyard | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT2103-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 143 | 250 | Non-Impaired | Fully Supporting |
| 10/7/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| behind Apartment buildings 10-11 | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Whitford Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Groton | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT2104-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 123 | 250 | Reference | Fully Supporting |
| 10/24/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 100% | |
| upstream North Stonington Rd. | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Whitford Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Groton | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT2104-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 158 | 250 | Reference | Fully Supporting |
| 10/9/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| upstream North Stonington Rd. | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Latimer Brook** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| East Lyme | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT2202-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 158 | 250 | Slight | Fully Supporting |
| 10/15/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 67% | |
| between Brook Bend and Robin Drive | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **THAMES RIVER BASIN:** | | | | | | | | | | |
| **Flat Brook** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Ledyard | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT3000-08_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 143 | 20 | Slight | Fully Supporting |
| 10/15/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 56% | |
| upstream Baldwin Hill Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Willimantic River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Willington | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT3100-00_05 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 138 | 211 | Slight | Fully Supporting |
| 10/23/2002 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | 58% | |
| downstream Stafford POTW | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |

| River/Basin | | | | Community Description | | | Habitat Category | Reference Site | RBP Assessment | Meets Benthic Standards |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Poor Quality | | Mod. Quality | | High Quality | | | | |
| **THAMES RIVER BASIN:** | | | | | | | | | | |
| **Willimantic River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Willington | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3100-00_05 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 143 | 211 | Non-Impaired | Fully Supporting |
| 10/2/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| downstream Stafford POTW | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Willimantic River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Stafford | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT3100-00_06 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 109 | 211 | Moderate | Partially Supporting |
| 10/23/2002 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | 38% | |
| park upstream of Stafford POTW | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Willimantic River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Stafford | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3100-00_06 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 128 | 211 | Non-Impaired | Fully Supporting |
| 10/2/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| park upstream of Stafford POTW | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Eagleville Brook** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Mansfield | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3100-19_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 117 | 211 | Impaired | Partially Supporting |
| 10/24/2003 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| downstream Hunting Lodge Road | X | Low Abundance | | High Abundance | | Norm.Abundance | 2003 | | | |
| **Eagleville Brook** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Mansfield | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3100-19_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 147 | 211 | Impaired | Partially Supporting |
| 10/24/2003 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| upstream Separatist Road | X | Low Abundance | | High Abundance | | Norm.Abundance | 2003 | | | |
| **Eagleville Brook** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Mansfield | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3100-19_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 142 | 211 | Impaired | Partially Supporting |
| 10/24/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| upstream Hillyndale Road | X | Low Abundance | | High Abundance | | Norm.Abundance | 2003 | | | |
| **Eagleville Brook** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Mansfield | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3100-19_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 140 | 211 | Impaired | Partially Supporting |
| 10/24/2003 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| upstream driveway adj. N. Eagleville Rd. | X | Low Abundance | | High Abundance | | Norm.Abundance | 2003 | | | |
| **Eagleville Brook** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Mansfield | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3100-19_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | NA | 211 | Impaired | Partially Supporting |
| 10/24/2003 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| DS driveway adj. N. Eagleville Rd. | X | Low Abundance | | High Abundance | | Norm.Abundance | 2003 | | | |
| **Middle River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Stafford | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT3102-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 108 | 211 | Moderate | Partially Supporting |
| 10/23/2002 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | 44% | |
| downstream Route 32 bridge | | Low Abundance | X | High Abundance | | Norm.Abundance | 2002 | | | |
| **Middle River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Stafford | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3102-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 123 | 211 | Non-Impaired | Fully Supporting |
| 10/2/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| downstream Route 32 bridge | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Still Brook** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Stafford | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3102-03_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 157 | 20 | Non-Impaired | Fully Supporting |
| 10/21/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| upstream Whispering Pine Lane | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Roaring Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Willington | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT3104-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 170 | 211 | Reference | Fully Supporting |
| 10/23/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 100% | |
| at Route 32 | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Roaring Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Willington | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3104-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 160 | 211 | Reference | Fully Supporting |
| 10/2/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| at Route 32 | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Ruby Lake Outlet** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Willington | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3104-00-2-L8 OUTLET_02 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | NA | 211 | Non-Impaired | Fully Supporting |
| 10/31/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| downstream Ruby Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |

| River/Basin | | Community Description | | | | | Habitat Category | Reference Site | RBP Assessment | Meets Benthic Standards |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Poor Quality | | Mod. Quality | | High Quality | | | | |
| **THAMES RIVER BASIN:** | | | | | | | | | | |
| **Stickney Hill Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Union | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT3104-01_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 167 | 20 | Non-Impaired | Fully Supporting |
| 10/10/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 94% | |
| upstream Brown Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Skungamaug River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Tolland | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3106-00_01 | X | Dom.Tolerant | | Dom. Intermediate | | Dom. Sensitive | 146 | - - - | Not Assessed | Unknown |
| 10/10/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | Low | |
| downstream Old Cathole Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | Gradient | |
| **Hop River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Andover | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3108-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 152 | - - - | Not Assessed | Unknown |
| 10/7/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | Low | |
| adjacent Route 6 at Andover auto parts | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | Gradient | |
| **Natchaug River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Chaplin | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT3200-00_02 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 159 | 20 | Reference | Fully Supporting |
| 10/18/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 100% | |
| downstream North Bear Hill Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Natchaug River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Chaplin | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3200-00_02 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 161 | - - - | Not Assessed | Unknown |
| 10/18/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | Low | |
| upstream North Bear Hill Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | Gradient | |
| **Natchaug River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Chaplin | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3200-00_02 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 155 | 20 | Reference | Fully Supporting |
| 10/8/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 100% | |
| downstream North Bear Hill Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Sawmill Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Mansfield | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3208-00_02 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 168 | 20 | Non-Impaired | Fully Supporting |
| 10/8/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| upstream Meadowbrook Lane | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Rocky Brook** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Thompson | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT3401-00_02 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 175 | 20 | Moderate | Fully Supporting |
| 10/17/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 50% | |
| upstream East Thompson Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Moosup River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Sterling | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3500-00_03 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 168 | 20 | Non-Impaired | Fully Supporting |
| 10/6/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| adj.old RR grade 500 m DS of RR bridge | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Ekonk Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Plainfield | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT3503-00_01 | X | Dom.Tolerant | | Dom. Intermediate | | Dom. Sensitive | 159 | 20 | Slight | Fully Supporting |
| 10/17/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 67% | |
| Gorman Street between buildings 6 & 7 | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Crooked Brook** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Griswold | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3600-05_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 155 | 20 | Non-Impaired | Fully Supporting |
| 10/6/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| DS Rte 201 | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **North Running Brook** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Woodstock | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3708-10_01 | X | Dom.Tolerant | | Dom. Intermediate | | Dom. Sensitive | 135 | 20 | Impaired | Partially Supporting |
| 10/1/2003 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| off Child Hill Rd 1000' US Muddy Brook | | Low Abundance | X | High Abundance | | Norm.Abundance | 2003 | | | |
| **North Running Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Woodstock | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3708-10_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 135 | 20 | Non-Impaired | Fully Supporting |
| 10/1/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| upstream farm run off/drainage swale | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Wappaquia Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Pomfret | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT3709-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 168 | 20 | Non-Impaired | Fully Supporting |
| 10/1/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| off Rt.169 Wappaquia Brook Farm bridge | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |

| River/Basin | | Community Description | | | | | Habitat Category | Reference Site | RBP Assessment | Meets Benthic Standards |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Poor Quality | | Mod. Quality | | High Quality | | | | |
| **THAMES RIVER BASIN:** | | | | | | | | | | |
| **Mashamoquet Brook** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Pomfret | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT3710-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 127 | - - - | Not Assessed | Unknown |
| 10/22/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | Low | |
| adjacent route 101 | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | Gradient | |
| **Mashamoquet Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Pomfret | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT3710-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 148 | 20 | Non-Impaired | Fully Supporting |
| 10/22/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 100% | |
| downstream Wrights Mill Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Bentley Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Bozrah | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT3900-09_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 162 | 20 | Slight | Fully Supporting |
| 10/15/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 56% | |
| upstream Gifford Lane | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **CONNECTICUT RIVER BASIN:** | | | | | | | | | | |
| **Clark Creek** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Haddam | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4000-54_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 160 | 17A | Non-Impaired | Fully Supporting |
| 10/9/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| upstream Rt. 82 culvert | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Freshwater Brook** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Enfield | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4003-00_04 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 131 | - - - | Not Assessed | Unknown |
| 10/21/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | Low | |
| Moody Road behind last parking lot 9 | X | Low Abundance | | High Abundance | | Norm.Abundance | 2003 | | Gradient | |
| **Beaver Meadow Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Haddam | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT4015-02_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 162 | 17A | Slight | Fully Supporting |
| 10/9/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 57% | |
| adjacent to Beaver Meadow Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Muddy Brook** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Suffield | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4101-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 142 | - - - | Not Assessed | Unknown |
| 11/4/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | Low | |
| Route 187 #1600 US of private bridge | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | Gradient | |
| **Farmington River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Canton | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT4300-00_04 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 159 | 17A | Slight | Fully Supporting |
| 10/21/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 76% | |
| Old Town Bridge Rd. 100 m US bridge | | Low Abundance | X | High Abundance | | Norm.Abundance | 2002 | | | |
| **Indian Meadow Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Winchester | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT4302-09_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 138 | 17A | Non-Impaired | Fully Supporting |
| 10/8/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 95% | |
| between Route 44 and Loomis Street | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Sandy Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Colebrook | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT4304-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 172 | 17A | Non-Impaired | Fully Supporting |
| 10/8/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 100% | |
| Sandy Brk Rd. 250 m US second bridge | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Sandy Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Colebrook | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT4304-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 169 | 21 | Reference | Fully Supporting |
| 10/8/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 100% | |
| opposite Grange Hall | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Sandy Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Colebrook | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4304-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 171 | 21 | Reference | Fully Supporting |
| 11/12/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| opposite Grange Hall | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Beach Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Granby | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4319-07_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 172 | 17A | Non-Impaired | Fully Supporting |
| 10/22/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| Broad Hill Road adjacent to bend | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |

| River/Basin | | Community Description | | | | | Habitat Category | Reference Site | RBP Assessment | Meets Benthic Standards |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Poor Quality | | Mod. Quality | | High Quality | | | | |
| **CONNECTICUT RIVER BASIN:** | | | | | | | | | | |
| **East Branch Salmon Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Granby | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4320-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 153 | 17A | Non-Impaired | Fully Supporting |
| 10/22/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| Rt.189 #160 Woodhaven Riding Facility | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Mountain Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Granby | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT4320-08_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 172 | 17A | Slight | Fully Supporting |
| 10/28/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 71% | |
| adjacent old logging road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Hockanum River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Manchester | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4500-00_04 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 143 | 17A | Impaired | Partially Supporting |
| 11/12/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| Rt. 83 behind #440 (Odessey School) | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Hockanum River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Vernon | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4500-00_06 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 113 | 17a | Impaired | Partially Supporting |
| 11/13/2003 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| downstream Route 74/Tolland Ave | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Hockanum River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Vernon | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4500-00_06 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 140 | 17A | Impaired | Partially Supporting |
| 11/13/2003 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| upstream West Street | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Hockanum River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Vernon | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4500-00_06 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | NA | 17A | Impaired | Partially Supporting |
| 11/13/2003 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| upstream Vernon STP | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Hockanum River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Vernon | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4500-00_05 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 128 | 17A | Impaired | Partially Supporting |
| 11/13/2003 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| upstream Dart Hill Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Hockanum River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Vernon | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4500-00_04 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 110 | 17A | Impaired | Partially Supporting |
| 11/13/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| US 100 meters of Tankerhoosen River | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Charters Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Tolland | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4501-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 177 | 17A | Non-Impaired | Fully Supporting |
| 11/13/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| downstream Browns Bridge Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Tankerhoosen River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Vernon | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4503-00_02 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 162 | 17A | Non-Impaired | Fully Supporting |
| 11/13/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| upstream Tunnel Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Tankerhoosen River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Vernon | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4503-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 138 | 17A | Non-Impaired | Fully Supporting |
| 11/13/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| upstream 100 m mouth at Golf Land | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Mattabesset River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Berlin | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4600-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 129 | - - - | Not Assessed | Unknown |
| 11/12/2003 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | Low | |
| Lower Lane upstream of Belcher Brook | X | Low Abundance | | High Abundance | | Norm.Abundance | 2003 | | Gradient | |
| **Salmon River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Colchester | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT4700-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 169 | 17a | Reference | Fully Supporting |
| 10/18/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 100% | |
| downstream 0.7 miles RR bridge | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Salmon River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Colchester | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4700-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 168 | 17a | Reference | Fully Supporting |
| 10/8/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| downstream 0.7 miles RR bridge | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |

| River/Basin | | Community Description | | | | | Habitat Category | Reference Site | RBP Assessment | Meets Benthic Standards |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Poor Quality | | Mod. Quality | | High Quality | | | | |
| **CONNECTICUT RIVER BASIN:** | | | | | | | | | | |
| **Cabin Brook** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Colchester | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4703-01_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 156 | 17A | Impaired | Partially Supporting |
| 10/8/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| upstream Cabin Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Flat Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Marlborough | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT4707-06_06 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 154 | 17A | Slight | Fully Supporting |
| 10/7/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 76% | |
| at #30 Finley Hill Rd | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Eightmile River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Lyme | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT4800-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 173 | 17A | Non-Impaired | Fully Supporting |
| 10/9/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| Rt.156,150 m DS East Br. Eightmile River | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **SOUTH CENTRAL COASTAL BASIN:** | | | | | | | | | | |
| **Pond Meadow Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Killingworth | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT5105-01_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 165 | 18 | Non-Impaired | Fully Supporting |
| 10/9/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 85% | |
| Adj. to Abner Lane at yellow road marker | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Neck River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Madison | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT5107-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | NA | 18 | Slight | Fully Supporting |
| 10/9/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 75% | |
| at Warpus Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Neck River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Madison | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT5107-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 135 | - - - | Not Assessed | Unknown |
| 10/9/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | Low | |
| upstream Route 95 | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | Gradient | |
| **Farm River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| East Haven | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT5112-00_02 | X | Dom.Tolerant | | Dom. Intermediate | | Dom. Sensitive | 148 | - - - | Not Assessed | Unknown |
| 11/4/2003 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | Low | |
| at end of dirt rd off Gloria Place | X | Low Abundance | | High Abundance | | Norm.Abundance | 2003 | | Gradient | |
| **Farm River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| North Branford | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT5112-00_03 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 155 | 18 | Non-Impaired | Fully Supporting |
| 11/4/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| # 1775 Middletown Ave US farm road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Eightmile River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Southington | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT5201-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | NA | 18 | Reference | Fully Supporting |
| 10/4/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 100% | |
| downstream Marion Avenue | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Eightmile River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Southington | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT5201-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 132 | 18 | Reference | Fully Supporting |
| 10/17/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| downstream Marion Avenue | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Mill River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Hamden | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT5302-00_02 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 164 | 18 | Non-Impaired | Fully Supporting |
| 11/5/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| at first pull-off DS Tuttle Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **HOUSATONIC RIVER BASIN:** | | | | | | | | | | |
| **Housatonic River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Cornwall | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6000-00_06 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 169 | 25 | Non-Impaired | Fully Supporting |
| 11/17/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| Swifts Bridge, upstream Gunn Brook | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Fivemile Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Oxford | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6000-62_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 156 | 25 | Non-Impaired | Fully Supporting |
| 10/17/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| 50 meters US mouth, at old dam structure | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |

| River/Basin | | Community Description | | | | | Habitat Category | Reference Site | RBP Assessment | Meets Benthic Standards |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Poor Quality | | Mod. Quality | | High Quality | | | | |
| **HOUSATONIC RIVER BASIN:** | | | | | | | | | | |
| **Sages Ravine Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Salisbury | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6001-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 160 | 25 | Moderate | Fully Supporting |
| 10/21/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 50% | |
| Route 41, upstream 500 feet | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Bull Mountain Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Kent | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6016-03_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 152 | 25 | Slight | Fully Supporting |
| 10/29/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 75% | |
| upstream Camp Flat and Mud Pond Rds. | | Low Abundance | X | High Abundance | | Norm.Abundance | 2002 | | | |
| **Pumpkin Ground Brook** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Stratford | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6026-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 135 | 25 | Moderate | Partially Supporting |
| 10/31/2002 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | 41% | |
| upstream Cutspring Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Blackberry River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| North Canaan | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6100-00_02A | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | NA | 25 | Non-Impaired | Fully Supporting |
| 11/3/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| 1st riffle DS ford at quarry discharge | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Blackberry River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| North Canaan | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6100-00_02A | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | NA | 25 | Non-Impaired | Fully Supporting |
| 11/3/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| 1st riffle US ford at quarry discharge | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Blackberry River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| North Canaan | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6100-00_03 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 145 | 25 | Non-Impaired | Fully Supporting |
| 11/3/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| Elm Knoll Farm at 2nd tractor crossing | | Low Abundance | X | High Abundance | | Norm.Abundance | 2003 | | | |
| **Hollenbeck River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Canaan | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6200-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 150 | - - - | Not Assessed | Unknown |
| 11/17/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | Low | |
| Adjacent to Rt. 63 at SNET pole #856 | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | Gradient | |
| **Sawmill Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Sherman | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT6401-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 169 | 25 | Non-Impaired | Fully Supporting |
| 10/29/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 95% | |
| at confluence with spring lake outfall | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Lake Waramaug Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Warren | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT6502-01_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 136 | 25 | Non-Impaired | Fully Supporting |
| 10/30/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 90% | |
| Route 341at farm bridge crossing #21 | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Limekiln Brook** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Bethel | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6606-00_03 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 152 | 25 | Moderate | Fully Supporting |
| 11/5/2002 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | 50% | |
| upstream Rockwell Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Shepaug River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Roxbury | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT6700-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 137 | 25 | Reference | Fully Supporting |
| 10/25/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 100% | |
| Wellers Bridge Road (Rt. 67) DS 100 m | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Shepaug River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Roxbury | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6700-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 171 | 25 | Reference | Fully Supporting |
| 10/20/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| Wellers Bridge Road (Rt. 67) DS 100 m | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Bantam River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Litchfield | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT6705-00_04 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 173 | 25 | Non-Impaired | Fully Supporting |
| 11/10/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| upstream of West Branch Bantam River | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Pomperaug River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Southbury | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6800-00_04 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 158 | 25 | Non-Impaired | Fully Supporting |
| 11/10/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| at United Water Company behind church | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |

| River/Basin | | Community Description Poor Quality | | Community Description Mod. Quality | | Community Description High Quality | Habitat Category | Reference Site | RBP Assessment | Meets Benthic Standards |
|---|---|---|---|---|---|---|---|---|---|---|
| **HOUSATONIC RIVER BASIN:** | | | | | | | | | | |
| **Wood Creek** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Bethlehem | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6804-04_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 150 | 25 | Non-Impaired | Fully Supporting |
| 11/10/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| upstream Paddy Hollow Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Naugatuck River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Beacon Falls | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6900-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | NA | 25 | Moderate | Partially Supporting |
| 10/4/2002 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | 30% | |
| behind Fire Station | | Low Abundance | X | High Abundance | | Norm.Abundance | 2002 | | | |
| **Naugatuck River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Beacon Falls | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6900-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | NA | 25 | Impaired | Partially Supporting |
| 11/19/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| behind Fire Station | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Naugatuck River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Naugatuck | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6900-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 125 | 25 | Moderate | Partially Supporting |
| 10/2/2002 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | 30% | |
| adjacent North end of Linden Park | | Low Abundance | X | High Abundance | | Norm.Abundance | 2002 | | | |
| **Naugatuck River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Naugatuck | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6900-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | NA | 25 | Impaired | Partially Supporting |
| 11/19/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| adjacent North end of Linden Park | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Naugatuck River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Waterbury | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6900-00_03 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 136 | 25 | Moderate | Partially Supporting |
| 10/2/2002 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | 35% | |
| at RR crossing DS of Mad River | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Naugatuck River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Waterbury | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6900-00_03 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 121 | 25 | Moderate | Partially Supporting |
| 10/2/2002 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | 35% | |
| upstream South Leonard Street | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Naugatuck River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Thomaston | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6900-00_05 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 146 | 25 | Moderate | Partially Supporting |
| 10/2/2002 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | 40% | |
| between RR and Dredge Hole | | Low Abundance | X | High Abundance | | Norm.Abundance | 2002 | | | |
| **Naugatuck River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Thomaston | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6900-00_05 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | NA | 25 | Impaired | Partially Supporting |
| 11/19/2003 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| between RR and Dredge Hole | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Naugatuck River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Watertown | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6900-00_05 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 170 | 25 | Severe | Not Supporting |
| 10/1/2002 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | 15% | |
| upstream Frost Bridge Rd. (Route 263) | | Low Abundance | X | High Abundance | | Norm.Abundance | 2002 | | | |
| **Naugatuck River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Watertown | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6900-00_05 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | NA | 25 | Impaired | Partially Supporting |
| 11/19/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| upstream Frost Bridge Rd. (Route 263) | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Naugatuck River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Harwinton | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6900-00_06 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 165 | 25 | Moderate | Partially Supporting |
| 10/1/2002 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | 40% | |
| upstream Campville Road | | Low Abundance | X | High Abundance | | Norm.Abundance | 2002 | | | |
| **Naugatuck River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Harwinton | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT6900-00_06 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | NA | 25 | Impaired | Partially Supporting |
| 11/19/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| upstream Campville Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Naugatuck River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Thomaston | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6900-00_06 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 159 | 25 | Slight | Fully Supporting |
| 10/1/2002 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | 60% | |
| first pull off downstream Reynolds Bridge | | Low Abundance | X | High Abundance | | Norm.Abundance | 2002 | | | |

| River/Basin | | Community Description | | | | | Habitat Category | Reference Site | RBP Assessment | Meets Benthic Standards |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Poor Quality | | Mod. Quality | | High Quality | | | | |
| **HOUSATONIC RIVER BASIN:** | | | | | | | | | | |
| **Bladdens River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Woodbridge | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6919-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 154 | 25 | Non-Impaired | Fully Supporting |
| 10/31/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 85% | |
| riffle upstream Sanford Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Bladdens River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Woodbridge | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT6919-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 163 | - - - | Not Assessed | Unknown |
| 10/31/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | Low | |
| upstream Sanford Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | Gradient | |
| **SOUTHWEST COASTAL BASIN:** | | | | | | | | | | |
| **Saugatuck River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Redding | | High HBI | | Moderate HBI | X | Low HBI | Score: | | | |
| CT7200-00_03 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 172 | 25 | Reference | Fully Supporting |
| 11/5/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 100% | |
| downstream Rt.107 & 53 Junction | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **Saugatuck River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Redding | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT7200-00_03 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 167 | 50 | Reference | Fully Supporting |
| 10/14/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| downstream Rt.107 & 53 Junction | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **West Branch Saugatuck River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Weston | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT7203-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 170 | 50 | Non-Impaired | Fully Supporting |
| 10/14/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| at end of Whiporwill Lane | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Norwalk River** | | Low EPT | X | Moderate EPT | | High EPT | | | | |
| Wilton | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT7300-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 151 | 50 | Moderate | Fully Supporting |
| 10/3/2002 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | 47% | |
| adjacent Wilton Jr High/ Middle School | | Low Abundance | X | High Abundance | | Norm.Abundance | 2002 | | | |
| **Five Mile River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| New Canaan | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT7401-00_02 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 127 | 50 | Impaired | Partially Supporting |
| 10/14/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| under Old Norwalk Road | X | Low Abundance | | High Abundance | | Norm.Abundance | 2002 | | | |
| **East Branch Byram River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Greenwich | | High HBI | X | Moderate HBI | | Low HBI | Score: | | | |
| CT7410-00_00 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 146 | 50 | Slight | Fully Supporting |
| 10/3/2002 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | 75% | |
| upstream John Street | | Low Abundance | | High Abundance | X | Norm.Abundance | 2002 | | | |
| **HUDSON RIVER BASIN:** | | | | | | | | | | |
| **Quaker Brook** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| New Fairfield | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT8101-00_01 | | Dom.Tolerant | | Dom. Intermediate | X | Dom. Sensitive | 155 | 234 | Reference | Fully Supporting |
| 10/20/2003 | | Low Taxa Richness | X | Mod. Taxa Richness | | High Taxa Richness | | | RBP1 | |
| Rt. 37 behind Wesylan Outdoor School | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |
| **Titicus River** | X | Low EPT | | Moderate EPT | | High EPT | | | | |
| Ridgefield | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT8104-00_01 | X | Dom.Tolerant | | Dom. Intermediate | | Dom. Sensitive | 159 | - - - | Not Assessed | Unknown |
| 10/20/2003 | X | Low Taxa Richness | | Mod. Taxa Richness | | High Taxa Richness | | | Low | |
| behind track Ridgefield High School | X | Low Abundance | | High Abundance | | Norm.Abundance | 2003 | | Gradient | |
| **Titicus River** | | Low EPT | | Moderate EPT | X | High EPT | | | | |
| Ridgefield | | High HBI | | Moderate HBI | | Low HBI | Score: | | | |
| CT8104-00_01 | | Dom.Tolerant | X | Dom. Intermediate | | Dom. Sensitive | 142 | 234 | Non-Impaired | Fully Supporting |
| 10/20/2003 | | Low Taxa Richness | | Mod. Taxa Richness | X | High Taxa Richness | | | RBP1 | |
| upstream Sherwood Road | | Low Abundance | | High Abundance | X | Norm.Abundance | 2003 | | | |