

**TABLE 1. CONNECTICUT WATER QUALITY CERTIFICATION**  
**Water Quality Certification – Non-Tidal Waters, Wetlands, and Watercourses \***  
**Department of the Army - General Permits for the State of Connecticut**  
**WQC-201607149**  
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	Self-Verification (SV)	Pre-Construction Notification (PCN)
	<b><u>WHERE GRANTED, APPENDIX E: SELF-VERIFICATION NOTIFICATION FORM AND PLANS ARE REQUIRED TO BE FILED WITH CT DEEP – See Appendix E for instructions</u></b>	<b><u>WHERE GRANTED, APPLICATION TO CT DEEP IS REQUIRED – See Section 1, II. 3. (pages 2-3 ) of the Army Corps GP for instructions</u></b>
<b>GP 2. Repair or Maintenance of Existing Currently Serviceable, Authorized or Grandfathered Structures &amp; Fills, Removal of Structures</b>	Granted subject to the following restriction: <ul style="list-style-type: none"> <li>• Drawdown does not exceed 18 months and one growing season (April through September)</li> </ul> <p><b>Stream, river, brook or other watercourse crossings are not eligible for Section 401 Water Quality Certification under GP 2. (See GP 19.)</b></p> <p><b>Culvert slip-lining is not eligible for Section 401 Water Quality Certification under GP2. (See GP 19.)</b></p>	Granted for impacts not exceeding 0.5 acre, subject to the following restriction: <ul style="list-style-type: none"> <li>• Drawdown does not exceed 18 months and one growing season (April through September)</li> </ul> <p><b>Stream, river, brook or other watercourse crossings are not eligible for Section 401 Water Quality Certification under GP 2. (See GP 19.)</b></p>
<b>GP 5. Boat Ramps &amp; Marine Railways</b>	Granted	Granted for impacts not exceeding 0.5 acre.
<b>GP 6. Utility Line Activities</b>	Granted	Granted for activities that receive written approval from the Connecticut Department of Energy and Environmental Protection (CT DEEP) through a formal cooperative state interagency screening process jointly conducted by the Connecticut Department of Transportation (CT DOT) and CT DEEP.  Granted for activities conducted or funded by the Connecticut Department of Energy and Environmental Protection (CT DEEP) that receive written approval through a formal cooperative CT DEEP intra-agency screening process.  <b>Other activities with impacts exceeding 0.5 acre require individual (regular) Section 401 Water Quality Certification.</b>
<b>GP 9. Shoreline &amp; Bank Stabilization Projects</b>	Granted for shoreline and banks stabilization activities that receive written approval from the Connecticut Department of Energy and Environmental Protection (CT DEEP) through a formal cooperative state interagency screening process jointly conducted by the Connecticut Department of Transportation (CT DOT) and CT DEEP.  Granted for shoreline and bank stabilization activities conducted or funded by the Connecticut Department of Energy and Environmental Protection (CT DEEP) that receive written approval through a formal cooperative CT DEEP intra-agency screening process.  <b>Other shoreline stabilization activities exceeding 50 feet in length are not eligible for Section 401 Water Quality Certification under SV.</b>  <b>Other stream, river, or brook bank stabilization activities exceeding 50 feet in total length for one stream bank or 50 feet cumulative length for both stream banks are not eligible for Section 401 Water Quality Certification under SV.</b>  <b>Activities that include the placement of fill within the streambed beyond the toe of slope of the stream bank are not eligible for Section 401 Water Quality Certification under SV</b>	Granted for activities that receive written approval from the Connecticut Department of Energy and Environmental Protection (CT DEEP) through a formal cooperative state interagency screening process jointly conducted by the Connecticut Department of Transportation (CT DOT) and CT DEEP.  Granted for activities conducted or funded by the Connecticut Department of Energy and Environmental Protection (CT DEEP) that receive written approval through a formal cooperative CT DEEP intra-agency screening process.  <b>Other shoreline stabilization activities exceeding 100 feet in total length require individual (regular) Section 401 Water Quality Certification.</b>  <b>Other stream, river, or brook bank stabilization activities exceeding 100 feet in total length for one stream bank or 100 feet cumulative length for both stream banks require individual (regular) Section 401 Water Quality Certification.</b>

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<b>GP 10. Aquatic Habitat Restoration, Establishment &amp; Enhancement Activities</b>	<p>Granted for activities that receive written approval from the Connecticut Department of Energy and Environmental Protection (CT DEEP) through a formal cooperative state interagency screening process jointly conducted by the Connecticut Department of Transportation (CT DOT) and CT DEEP.</p> <p>Granted for activities conducted or funded by the Connecticut Department of Energy and Environmental Protection (CT DEEP) or by a federal environmental resource management agency that receive written approval through a formal cooperative CT DEEP intra-agency screening process.</p> <p><b>Other activities are not eligible for Section 401 Water Quality Certification under SV.</b></p>	Granted
<b>GP 11. Fish &amp; Wildlife Harvesting Activities</b>	Granted	Granted
<b>GP 12. Oil Spill &amp; Hazardous Material Cleanup</b>	Waived	Waived
<b>GP 13. Cleanup of Hazardous &amp; Toxic Waste</b>	Waived	Waived
<b>GP 14. Scientific Measurement Devices</b>	Waived	Waived
<b>GP 15. Survey Activities</b>	Waived	Waived
<b>GP 17. New/Expanded Developments &amp; Recreational Facilities</b>	<p>Granted, except as noted below.</p> <p><b>New roadway and driveway crossings in wetlands are not eligible for Section 401 Water Quality Certification under GP 17. (See GP 18.)</b></p> <p><b>Stream, river, brook or other watercourse crossings are not eligible for Section 401 Water Quality Certification under GP17. (See GP 19.)</b></p>	<p>Granted for activities conducted or funded by the Connecticut Department of Energy and Environmental Protection (CT DEEP) that receive written approval through a formal cooperative state intra-agency screening process.</p> <p><b>Other activities with impacts exceeding 0.5 acre require individual (regular) Section 401 Water Quality Certification.</b></p> <p><b>New roadway and driveway crossings in wetlands are not eligible for Section 401 Water Quality Certification under GP 17. (See GP 18.)</b></p> <p><b>Stream, river, brook or other watercourse crossings are not eligible for Section 401 Water Quality Certification under GP 18. (See GP 19.)</b></p>

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	<p align="center"><b>Self-Verification (SV)</b></p> <p align="center"><b><u>WHERE GRANTED, APPENDIX E: SELF-VERIFICATION NOTIFICATION FORM AND PLANS ARE REQUIRED TO BE FILED WITH CT DEEP – See Appendix E for instructions</u></b></p>	<p align="center"><b>Pre-Construction Notification (PCN)</b></p> <p align="center"><b><u>WHERE GRANTED, APPLICATION TO CT DEEP IS REQUIRED – See Section 1, II. 3. (pages 2-3) of the Army Corps GP for instructions</u></b></p>
<p><b>GP 18. Linear Transportation Projects – Wetland Crossings Only</b></p>	<p align="center">Granted</p> <p><b>Stream, river, brook or other watercourse crossings are not eligible for Section 401 Water Quality Certification under GP 18. (See GP 19.)</b></p>	<p>Granted for activities that receive written approval from the Connecticut Department of Energy and Environmental Protection (CT DEEP) through a formal cooperative state interagency screening process jointly conducted by the Connecticut Department of Transportation (CT DOT) and CT DEEP.</p> <p>Granted for activities conducted or funded by the Connecticut Department of Energy and Environmental Protection (CT DEEP) that receive written approval through a formal cooperative CT DEEP intra-agency screening process.</p> <p><b>All other activities with impacts exceeding 0.5 acre require individual (regular) Section 401 Water Quality Certification.</b></p> <p><b>Stream, river, brook or other watercourse crossings are not eligible for Section 401 Water Quality Certification under GP 18. (See GP 19.)</b></p>
<p><b>GP 19. Stream, River &amp; Brook Crossings (Not Including Wetland Crossings)</b></p> <p>Continued on next page</p>	<p>Granted for stream, river or brook crossings that receive written approval from the Connecticut Department of Energy and Environmental Protection (CT DEEP) through a formal cooperative state interagency screening process jointly conducted by the Connecticut Department of Transportation (CT DOT) and CT DEEP.</p> <p>Granted for activities conducted or funded by the Connecticut Department of Energy and Environmental Protection (CT DEEP) that receive written approval through a formal cooperative CT DEEP intra-agency screening process.</p> <p>Granted for all other stream, river, brook or other watercourse crossings by means of a BRIDGE or OPEN-BOTTOM STRUCTURE that meets the following standards:</p> <ul style="list-style-type: none"> <li>• spans at least 1.2 times the watercourse bank full width,</li> <li>• allows for the continuous, uninterrupted flow of the 50-year frequency storm flows,</li> <li>• no riprap is placed within or across the bed of the brook; and,</li> <li>• appurtenant stream bank stabilization does not exceed 50 feet along any upstream or downstream bank.</li> </ul> <p><b>Stream, river, brook and other watercourse crossings that do not meet the standards above are not eligible Section 401 Water Quality Certification for Self-Verification.</b></p> <p><b>Culvert slip lining is not eligible for Section 401 Water Quality Certification for Self-Verification.</b></p> <p><b>Wetland crossings are not eligible for Section 401 Water Quality Certification under GP 19. (See GP 18.)</b></p>	<p>Granted for stream, river or brook crossings that receive written approval from the Connecticut Department of Energy and Environmental Protection (CT DEEP) through a formal cooperative state interagency screening process jointly conducted by the Connecticut Department of Transportation (CT DOT) and CT DEEP.</p> <p>Granted for activities conducted or funded by the Connecticut Department of Energy and Environmental Protection (CT DEEP) that receive written approval through a formal cooperative CT DEEP intra-agency screening process.</p> <p><b>All other stream, river and brook crossings require individual (regular) Section 401 Water Quality Certification.</b></p> <p><b>Wetland crossings are not eligible for Section 401 Water Quality Certification under GP 19. (See GP 18.)</b></p>

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<b>GP 19. Stream, River &amp; Brook Crossings (Not Including Wetland Crossings)</b>	<p>Granted for stream, river, brook or other watercourse crossings using a culvert provided:</p> <ul style="list-style-type: none"> <li>• the tributary watershed to the culvert does not exceed 1 sq. mile (640 acres);</li> <li>• the culvert gradient (slope) is no steeper than the streambed gradient immediately upstream or downstream of the culvert,</li> <li>• for a crossing constructed using a single box or pipe arch culvert, the inverts are set not less than 12 inches below the streambed elevation</li> <li>• for a crossing constructed using multiple box or pipe arch culverts, the inverts of one of the boxes or pipe arch culverts are set not less than 12 inches below the elevation of the streambed,</li> <li>• for a crossing constructed using a pipe culvert, the inverts are set such that not less than 25% of the pipe diameter or 12 inches, whichever is less, is set below the streambed elevation,</li> <li>• the culvert is backfilled with natural substrate material matching upstream and downstream streambed substrate,</li> <li>• the structure, including inlet and outlet protection measures, does not otherwise impede the passage of fish and other aquatic organisms, and</li> <li>• the structure allows for continuous flow of the 50-year frequency storm flows</li> </ul>	
<b>GP 21. Temporary Fill Not Associated With Any Other GP Activities</b>	Granted	<p>Granted for activities that receive written approval from the Connecticut Department of Energy and Environmental Protection (CT DEEP) through a formal cooperative state interagency screening process jointly conducted by the Connecticut Department of Transportation (CT DOT) and CT DEEP.</p> <p>Granted for activities conducted or funded by the Connecticut Department of Energy and Environmental Protection (CT DEEP) that receive written approval through a formal cooperative CT DEEP intra-agency screening process.</p> <p><b>Other activities with impacts exceeding 0.25 acre require individual (regular) Section 401 Water Quality Certification.</b></p>

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**\* ACTIVITIES NOT ELIGIBLE FOR SECTION 401 CERTIFICATION UNDER THIS GENERAL PERMIT CERTIFICATION**

The following activities are not eligible for Section 401 Water Quality Certification under this general permit certification and will require an individual (regular) Section 401 Water Quality Certification:

Detention or retention of stormwater in non-tidal waters, wetlands or watercourses including any watercourse or wetland crossing that by design or default functions to provide stormwater detention, and any construction of a stormwater detention or retention basin in non-tidal waters or wetlands.

Piping, boxing, enclosing or covering of a non-tidal watercourse for a purpose other than a driveway or roadway crossing.

Activities with direct, indirect or secondary impact(s) to: Special Wetlands<sup>(1)</sup>, Threatened, Endangered, or Special Concern Species<sup>(2)</sup>, Significant Natural Communities/Critical Habitats<sup>(2)</sup> identified by the Connecticut Natural Diversity Database.

Activities within a FEMA established floodplain that would adversely affect the hydraulic characteristics of the floodplain<sup>(3)</sup>.

**DEFINITIONS**

<sup>(1)</sup> **Special Wetlands:** Include vernal pools, bogs, fens, cedar swamps, spruce swamps, calcareous seepage swamps, and wetlands that provide habitat for threatened or endangered species or species of special concern as designated by the State of Connecticut Natural Diversity Database. The following definitions for bogs, calcareous seepage wetlands, cedar swamps, fens, spruce swamps, and vernal pools apply for the purposes of this GP:

**Bog:** a peat accumulating wetland dominated by sphagnum moss. Typical plant species include sphagnum moss, leatherleaf, black spruce, pitcher plant and sundew.

**Calcareous Seepage Swamp:** a forested wetland characterized by the discharge of groundwater with a chemistry influenced by an underlying limestone geology.

**Cedar Swamp:** a forested wetland characterized by the presence of Northern White Cedar or Atlantic White Cedar.

**Fen:** a peat accumulating wetland dominated by sedges and/or ericaceous shrubs. Typical plant species include low sedges, ericaceous shrubs, sphagnum and other mosses.

**Spruce Swamp:** a forested wetland characterized by the presence of Red or Black Spruce.

**Vernal Pool:** an often temporary body of water occurring in a shallow depression of natural or human origin that fills during spring rains and snow melt and typically dries up during summer months. Vernal pools support populations of species specially adapted to reproducing in these habitats. Such species may include wood frogs, mole salamanders (*Ambystoma* sp.), fairy shrimp, fingernail clams, and other amphibians, reptiles and invertebrates. Vernal pools lack breeding populations of fish. **All vernal pools are subject to the jurisdiction of the Connecticut Department of Energy and Environmental Protection under Connecticut Water Quality Standards.**

<sup>(2)</sup> **Threatened, Endangered or Special Concern Species; Significant Natural Communities/Critical Habitats:** Species listed by CT DEP pursuant to Chapter 495 of the Connecticut General Statute as threatened or endangered species or species of special concern. General locations of threatened and endangered species and species of special concern, and significant natural communities/critical habitats are identified on maps published by the Connecticut Department of Energy and Environmental Protection entitled "Natural Diversity Data Base Areas" and on the CTECO Interactive Map Viewers at [www.cteco.uconn.edu](http://www.cteco.uconn.edu).

<sup>(3)</sup> **Adverse Effect to Hydraulic Characteristics:** An adverse effect to hydraulic characteristics includes an increase in flood water surface elevation, an increase in flood flow velocity or a restriction of flood flow conveyance in a manner that would impact upstream, downstream or adjacent property.