Attachment A: Executive Summary

Department of Economic and Community Development
Flood Management General Certification

The DECD is seeking a three –year approval or as amended for various minor construction activities within regulated floodplain areas across the state. It should be noted that activities 1 through 8 are identical to the previously approved Certification which DECD currently utilizes. The New Activities are identified as items 9 through 14. The proposed activities are described in detail below:

1. **Streetscape Projects**
Projects that include minor grading and minor safety improvements including but not limited to sidewalks, crosswalks, landscaping, signs, traffic signals, and light poles. Obstructions such as poles, sign and plantings will be placed in the floodplain, but not in the floodway. Only minor grade changes that can be demonstrated to cause no hydraulic impacts.

2. **Minor Stormwater Drainage Installation and Improvements**
Projects that include installation or replacements of catch basin/s, drainage systems, drainage outfalls with an equivalent diameter pipes, replacement or placement of in-kind riprap splash pads or plunge pools set no higher than existing grade at existing outfalls. Any change in pipe size, length, slope, and orientation in the flood zone will necessitate an individual Flood Management Certification.
The design of rip rap splash pads and plunge pools shall conform to the guidelines in the CTDOT Drainage Manual on "Culvert Repair Practices Manual".

3. **Minor Bridge Repairs**
Repairs to bridges or culverts including such actions as repairs to spalling concrete, repointing, painting, replacement of wood on wooden bridges, or other maintenance activity which would not diminish or modify the hydraulic capacity of the structure. Temporary impacts for construction may include but are not limited to: scaffolding, ladders, cofferdams, sandbags and sedimentation control devices necessary to perform work. The work shall be done in a manner that minimizes impacts to the waterways, and prevents debris entering the water and shall implement Best Management Practices. Staging and temporary work required to complete these activities will be allowed in the floodway provided that the activities are consistent with the flood contingency plan.

4. **Minor Roadway Re-alignment or Intersection improvements**
Roadway reconstruction projects involving the milling and/or resurfacing or paving of the existing travel lanes with no net change to impervious area that would increase peak flows leaving the site.

5. **Subsurface Investigations and Excavations related to Archaeological Surveys and Environmental Site Assessments**
Site reconnaissance and field survey required assessing both prehistoric/historic and environmental impacts to a property. Project activities will be limited to test pits, borings,

and hand shoveling. All impacts will be temporary in nature and disturbed areas will be restored to existing grades upon completion.

6. Demolition of an Existing Structure
Demolition and removal of existing structures to grade in a FEMA flood zone in accordance with flood contingency plan. Any future redevelopment of the site may require a Flood Management Certification per CGS. 25-68 (b)-(h).

7. Repair or Installation of Septic Systems & Community Water Supply Wells
Repair and replacement of existing septic systems, installation of new community disposal system and community water supply wells.

8. Bulkhead Repair or in-kind Replacement
Bulkhead repair or in-kind replacement activities approved under a Certificate of Permission (COP) by the CT DEP Office of Long Island Sound Programs (OLISP) inclusive of all other required approvals by CT DEP.

9. Rehabilitation/Replacement of Existing Dock Structures
Rehabilitation/Replacement of existing dock structures provided that the activity utilizes the existing foundation system or provides in-kind replacement and does not increase the existing square footage of the structure.

10. Waterfront Development and Dredging Projects
Waterfront development and dredging projects provided that all work is approved by the CT DEP Office of Long Island Sound Programs (OLISP) under a Certificate of Permission (COP) or a "Structures, Dredging and Fill" permit inclusive of all other required approvals by CT DEP.

11. Environmental Remediation
Environmental remediation consisting of soil excavation and in-kind soil backfilling to the existing surface elevation. Limited to 100 cubic yards to be excavated and staged at one time. The applicant shall be required to submit a soil management plan for the proposed work. The work shall be done in a manner that minimizes impacts to the waterways, and prevents debris entering the water and shall implement Best Management Practices. Staging and temporary work required to complete these activities will be allowed in the floodway provided that the activities are consistent with the flood contingency plan. The applicant will be required to submit a pre and post construction survey to DECD to demonstrate compliance with the permit. The survey will be signed and sealed by a licensed professional in the state of Connecticut.

12. Housing Rehabilitation Projects (minor activities)
Housing rehabilitation projects provided that all work is consistent with the requirements of the Flood Management Act and National Flood Insurance Program (NFIP). All work will be limited to above grade activities confined to the existing building or the footprint of previous buildings. This activity will be limited to the existing structure and the square footage of the building will not be increased. This work should be limited to 25% of the appraised value as to demonstrate the minor nature of the activity.

13. Public Building Rehabilitation Projects (minor activities)

Public Building rehabilitation projects provided that all work is consistent with the requirements of the Flood Management Act and National Flood Insurance Program (NFIP), above grade activities are confined to the existing building or the footprint of previous buildings and the square footage of the building is not increased. This work should be limited to 25% of the appraised value as to demonstrate the minor nature of the activity. DECD will require a restrictive covenant to prevent any future expansion.

14. Historic Structure Rehabilitation Projects
Historic structure rehabilitation projects provided that all work is consistent with the requirements of the Flood Management Act and National Flood Insurance Program (NFIP), above grade activities are confined to the existing building or the footprint of previous buildings and the square footage of the building is not increased. This work should be limited to 25% of the appraised value as to demonstrate the minor nature of the activity. This work should be conditional on an approval by the Connecticut State Historic Preservation Office (SHPO).

The following practices shall be followed for **ALL** activities covered under this General Certification:

- Prohibits activities within the floodway unless identified within the approved activities
- Proper erosion and sedimentation controls will be utilized in conjunction with Best Management Practices as outlined in Connecticut Guidelines for Soil Erosion and Sediment Control
- Proper Stormwater quality measures in accordance with the DEP 2004 Connecticut Stormwater Quality Manual
- Any temporary facilities or equipment requiring work in, or placement in a waterway, must be able to be removed in a timely manner from the site in case of a flood warning, except for items designed as temporary structures, in accordance with the guidelines outlined in the CTDOT Drainage Manual for Temporary Hydraulic Structures
- Temporary facilities will allow for the passage of fish with minimal disturbance
- Unconfined in-stream work must be limited to the period June 1 to September 30th
- The activity will have no increase in peak flow leaving the project site
- Grading and placement of not greater than twenty –five (25) cubic yards of fill is allowed in a regulated area for temporary access to the site of such activity provided that: 1) all temporary fill is removed, 2) the top of roadway is no more than one foot above existing grade , 3) any disturbed areas are restored within one year of authorization and 4) any minor filling which has no net increase of peak discharges exiting the site.