### Dam Safety General Permit Authorization Table

**Non-Filing Categories**

<table>
<thead>
<tr>
<th>GP-014</th>
<th>Filing-Only Categories</th>
<th>Approval of Filing Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAMS OF ANY SIZE AND STORAGE CAPACITY; PROFESSIONAL ENGINEER OVERSIGHT IS NOT REQUIRED</td>
<td>DAMS &lt;= 15' HEIGHT AND &lt;=50 AC-FT IN STORAGE, PROFESSIONAL ENGINEER OVERSIGHT IS NOT REQUIRED</td>
<td>DAMS OF ANY SIZE AND STORAGE CAPACITY; PROFESSIONAL ENGINEER OVERSIGHT REQUIRED</td>
</tr>
<tr>
<td>No filing form is required.</td>
<td>Use Form DEEP-IWRD-GP-015-3(a)1</td>
<td>Use Form DEEP-IWRD-GP-016-3(a)4</td>
</tr>
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</table>

**Note:**

- Activities authorized by the Non-Filing Categories General Permit DEEP-IWRD-GP-014 may be conducted independently of or concurrently with any filings made under permits DEEP-IWRD-GP-015 and DEEP-IWRD-GP-016.

### Activities Authorized

#### 3(a)1. Removing debris blocking spillways and intake areas.

- No filing form is required.

#### 3(a)2. Removal of an annual limit of 50 cubic yards of recently accumulated sediment from spillways, intake areas, etc.

- Use Form DEEP-IWRD-GP-015-3(a)1

#### 3(a)3. Replacing failing weir boards.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)4. Installing security and safety fencing.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)5. Replacing elastomeric sealant in construction joints.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)6. Placing topsoil and establishing grass cover on existing riprapped embankments flatter than 1.75 to 1 slope.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)7. Maintenance of existing toe drain / filter systems & repairing or installing seepage measurement devices.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)8. Exercising and maintenance of gates and valves during seasonal high flow periods with principal spillway discharge and limited to opening the valve followed by closing it shortly afterwards to minimize the flushing sediments, prevent lowering the impoundment below the spillway level, and prevent high flow conditions downstream.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)9. Replacing up to 10 square yards of missing and storm scoured riprap annually on dams, along embankments, and within spillway discharge channel(s). Authorization includes adding new riprap only in areas where riprap already exists and includes moving displaced riprap back to its original location.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)10. Cutting and removing woody vegetation including brush and trees, from the top, the upstream and downstream embankment slopes, and within 25 feet of the downstream toe, and the abutment / embankment contacts. Removal of root systems of trees and brush three (3) inches and smaller in diameter at ground level is allowed.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)11. Restoration of grass cover where appropriate, on the top of a dam, the upstream and downstream embankment slopes, the dam's abutments, and to within 25 feet of the downstream toe of the dam & abutments. This includes placing topsoil, seed and hay mulch to repair tire ruts, footpaths, and bare areas. Does not include filling eroded areas, sinkholes or depressions.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)12. Filling of up to an annual limit of 10 animal burrows no more than three feet in depth with the bottom visible and dry located in downstream slopes. Work done only by hand.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)13. Filling of up to a per-filing limit of 15 animal burrows no more than three feet in depth with the bottom visible and dry located in downstream slopes. Work shall done by hand.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)14. Replacing up to 25 square yards of missing and storm scoured riprap on dams, along embankments, and within spillway discharge channel(s). Authorization includes adding new riprap only in areas where riprap already exists and includes moving displaced riprap back to its original location.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)15. Replacing elastomeric sealant in construction joints.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)16. Placing topsoil and establishing grass cover on existing riprapped embankments flatter than 1.75 to 1 slope.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)17. Maintenance of existing toe drain / filter systems & repairing or installing seepage measurement devices.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)18. Exercising and maintenance of gates and valves during seasonal high flow periods with principal spillway discharge and limited to opening the valve followed by closing it shortly afterwards to minimize the flushing sediments, prevent lowering the impoundment below the spillway level, and prevent high flow conditions downstream.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)19. Replacing up to 10 square yards of missing and storm scoured riprap annually on dams, along embankments, and within spillway discharge channel(s). Authorization includes adding new riprap only in areas where riprap already exists and includes moving displaced riprap back to its original location.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)20. Minor repair, removal, and replacement of trash racks, gate valves and sluice gates, as well as associated hardware.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)21. Replacing up to 25 square yards of missing and storm scoured riprap on dams, along embankments, and within spillway discharge channel(s). Authorization includes adding new riprap only in areas where riprap already exists and includes moving displaced riprap back to its original location.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)22. Minor repair of trash racks, gates and valves within inlet or outlet or drop inlet structures that can be completed without excavation into the dam.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)23. Placing up to 75 square yards of riprap on dams, along embankments, and within spillway discharge channel(s). Authorization includes adding new riprap in areas where necessary and includes moving displaced riprap back to its original location.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)24. Removing tree root systems and restoration of dam embankment crests and slopes where the tree density is less than 1 tree per 100 square feet.

- Use Form DEEP-IWRD-GP-016-3(a)4

#### 3(a)25. Filling of up to a per-filing limit of 25 animal burrows located in upstream or downstream slopes.

- Use Form DEEP-IWRD-GP-016-3(a)4

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**CT DEEP Dam Safety Program General Permits for maintenance, repair, alteration, and removal of dams GP014 (non-filing), GP015 (filing-only), GP016 (Approval of Filing). GP Authorization Table version of 10-08-2015** (page 1 of 2)
<table>
<thead>
<tr>
<th>Non-Filing Categories (GP-014)</th>
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<td>3(a)13(a). Patching of up to an annual limit of 100 square feet of spalling and sealing of concrete surfaces done by hand.</td>
<td>3(a)14. Repair of up to a per-filing limit of 500 linear feet of cracks in concrete.</td>
<td>3(a)16. Repairs to and construction of concrete structures on dams, spillways, and appurtenances requiring formwork and reinforcing steel using up to a per-filing limited volume of concrete based on formulas for concrete dams and earth embankment dams. This work may include patching of spalling, surface repairs, crack repairs, concrete structure repairs, and repair of intake and outlet structures, headwalls, endwalls, wingwalls, training walls, and new appurtenant structures that can be constructed without excavation into the dam.</td>
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<tr>
<td>3(a)13(b). Repair of up to an annual limit of 100 linear feet of cracks in concrete.</td>
<td>3(a)15. Installation of fishways at spillways.</td>
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<tr>
<td>3(a)13(c). Repair of concrete structures on the dam done by hand using up to an annual limit of ¼ cubic yards of concrete.</td>
<td>3(a)14. Removal of weir boards or creation of a notch in a spillway to incrementally lower an impoundment.</td>
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<tr>
<td>3(a)13(d). Repointing and repairing masonry on the dam using up to an annual limit of 1/8 cubic yard of mortar. Demolition and re-construction is not authorized.</td>
<td>3(a)13. Installation of footbridges or vehicular bridges over spillways not requiring center support piers.</td>
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<td>3(a)3. Removal of Remnants of a dam which no longer impounds water or accumulates and retains sediment.</td>
<td>3(a)12. Removal of DEEP Dam Safety confirmed class A (Low) or class BB (moderate) downstream hazard dams.</td>
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<td>3(a)13. Stabilization of naturally breached dams.</td>
<td>3(a)14. Removal of weir boards or creation of a notch in a spillway to incrementally lower an impoundment.</td>
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<td>3(a)15. Installation of fishways at spillways.</td>
<td>3(a)16. Improvements to spillway discharge channels for fish passage.</td>
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