**Common work scenarios and types of impacts — Section 404/10/401 Permitting**

March 2020

**Legend**

- **Existing**
- **Proposed**
- **Fill**
  - General
  - Streambed material
  - Roadbase and surface course

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**Work:** Clean excavation in wetland or stream.
**Impact:** No impact.

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**Work:** Excavate new stream channel in wetland and place streambed material.
**Impact:** Permanent impact. Conversion of wetland to stream. No loss of water.

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**Work:** Regrade stream bed and place new streambed material.
**Impact:** Permanent impact. No loss of water.

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**Work:** Place roadway fill in wetland.
**Impact:** Permanent loss of waters.

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**Work:** Mechanized clearing and/or grubbing.
**Impact:** Temporary impact. No loss of water.
If compaction, permanent loss of water.

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**Work:** Hand clearing.
**Impact:** If all cut material removed, no impact.
If material mulched in place, temporary impact.

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**Note:** Excavation and fill around a structure is a permanent impact.

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**Note:** If LWM is not cleaned before installation, any material on the roots is fill.

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