

CONSTRUCTION SPECIFICATIONS

NATURAL RESOURCES CONSERVATION SERVICE

EXCAVATED PONDS**1. SCOPE**

This item consists of the clearing, filling, and/or excavation required for the construction of an excavated pond and the disposal of all cleared and excavated materials for the water impoundment. Conduct the construction operations in such a manner that erosion, air, water, and noise pollution will be minimized and held within legal limits as established by State regulations.

2. CLEARING

Cut all trees, brush, and stumps as flush with the ground as is practical and remove them from the site and spoil areas before excavation is performed. Dispose of all material cleared from the area by burning or removing from the site and stacking. Burn the material in accordance with Georgia laws and regulations.

3. EXCAVATION OR SPOIL

Construct the pond, berms and spoil banks (spoil disposal), and waste material as nearly to lines, dimensions, grades, and slopes shown on the plans or staked on the site as skillful operations of the excavating equipment will permit.

Place excavated material so that its weight does not endanger the stability of the pond side slopes, and where it will not be washed into the pond or downstream water course by rainfall. Dispose of excavated material in one of the following ways:

- Uniformly spread to a height not exceeding 3 feet with the top graded to a continuous slope away from the pond.
- Uniformly place or shape reasonably well with side slopes assuming a natural angle of repose for the excavated material behind a berm width equal to the depth of the pond but not less than 12 feet.
- Shape to a designed form that blends visually with the landscape.
- Use for low embankment and leveling.
- Haul away in accordance with local and state regulations.

4. EROSION AND SEDIMENT CONTROL

Minimize erosion and control sediment during construction using Best Management Practices (BMPs) in the Manual for Erosion and Sediment Control in Georgia.

5. VEGETATION

Establish adapted vegetation on all exposed surfaces of the embankment, auxiliary spillway, borrow areas, and other spoil areas as soon as possible after completion of construction.

Use Georgia NRCS Conservation Practice Standard, Critical Area Planting - Code 342, for plant selection, seedbed preparation, liming, fertilizing, seeding and mulching for permanent vegetation. Track the slopes of the dams to facilitate vegetation establishment. Fence treated areas when needed to protect the vegetation.