

**Practice:** 645 - Upland Wildlife Habitat Management

**Scenario:** #1 - Macro Topography, deep

**Scenario Description:** Establishment of a topographic feature on the landscape consisting of a small dam and pool or small excavated depression that will hold water to provide a source of water for wildlife, including habitat for reptiles and amphibians. Payment includes the equipment and labor associated with establishing the water feature.

**Before Situation:** This practice will be installed on any area where seasonal or permanent water for wildlife is inadequate. The resource concerns to be addressed by this practice are inadequate water needed to meet the life needs of the target species or guild. Water storage during the critical period (season) is absent. No micro-ponding sites are available aquatic dependent invertebrates. Vertebrate wildlife habitat is lacking richness.

**After Situation:** This practice consists of an excavated depression to collect water for wildlife to access. Excavated depressions are typically 1000 ft<sup>2</sup> and 3 feet deep in center with 4:1 side slopes around edge. Associated practices: Critical Area Planting (342), Conservation Cover (327)

**Scenario Feature Measure:** Each deep macro-topography feature

**Scenario Unit:** Each

**Scenario Typical Size:** 1

**Total Scenario Cost:** \$884.65

**Scenario Cost/Unit:** \$884.65

**Cost Details**

Component Name	Id	Description	Unit	Cost	Qty	Total
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**Labor**

Equipment Operators, Heavy	233	Includes: Cranes, Hydraulic Excavators >=50 HP, Dozers, Paving Machines, Rock Trenchers, Trenchers >=12", Dump Trucks, Ag Equipment >=150 HP, Scrapers, Water Wagons.	Hour	\$29.43	4	\$117.72
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**Equipment Installation**

Dozer, 140 HP	927	Track mounted Dozer with horsepower range of 125 to 160. Equipment and power unit costs. Labor not included.	Hour	\$126.50	4	\$506.00
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**Mobilization**

Mobilization, medium equipment	1139	Equipment with 70-150 HP or typical weights between 14,000 and 30,000 pounds.	Each	\$260.93	1	\$260.93
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