

Scenario Worksheet

Practice and Scenario Description:	
Information Type	Data
Region	Mid Atlantic
State	New Jersey
Discipline Group	Wildlife Wetland
Practice Code/Name	659 - Wetland Enhancement
Scenario ID	6
Scenario Name	Enhanced wetland Topography
Scenario Description	<p>A wooded wetland is excavated to create wetland topography suitable for wildlife habitat and enhance hydric conditions. Pools are excavated on 10% of the site 6-18 inches deep. 5% of the trees in wooded area are removed during excavation to promote desired vegetation and create pools.</p> <p>Associated Practice(s) :Conservation Cover (327),Tree and Shrub Planting (612), Riparian Herbaceous Buffer (390), Riparian Forest Buffer (391), Wetland Wildlife Habitat Management (644), and Upland Wildlife Habitat Management (645).</p>
Before Practice Situation	A wooded wetland or abandoned farmland that has grown into a wooded area is lacking wetland topography to provide adequate food and cover for wildlife. Topography is relatively flat with a slope of 1-3% with 1-2 inch deep depressions. The area is mapped as wetland and watertable is within 8 inches. The seasonal high water is at the surface. The site is typically around 10 acres. Soils are saturated
After Practice Situation	Area is excavated to create 20 x 40 ponded areas with 10% in pools 6-18 inches deep. Removal of trees to provide access for construction in 20 x 40 ponded areas around 5% of the 10 acres were removed of trees. The soil removed from the ponded areas is used to create mounds for habitat.
Scenario Feature Measure	Acre of wetland enhancement
Scenario Unit	Acre
Scenario Typical Size	10

Cost Summary:		
Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$0.00	\$0.00
Equipment/Installation	\$4,763.80	\$476.38
Labor	\$4,290.88	\$429.09
Mobilization	\$285.90	\$28.59
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$0.00	\$0.00
Total	\$9,340.58	\$934.06

