

# Conservation Effects Worksheet

*Land Use:  
Wildlife Guidance Sheet No. 1*

<b>Current Treatment</b>	<b>Treatment Alternative</b>
Idle bottomland field with scattered trees along a meandering creek. Some streambank erosion is present. Wildlife populations are low. Landowner is an avid naturalist and hunter and wishes to improve the site for wildlife.	This combination of conservation practices will control streambank erosion, improve water quality and increase the diversity of wildlife populations. Streambank erosion protection measures will be installed, along with plantings of trees, shrubs, grasses and forbs that will provide suitable habitat for various wildlife species and restore riparian functions.
<b>Resource Concerns</b>	<b>Proposed Practices</b>
Plants Unsuitable for Intended Use Streambank Erosion Wildlife	Critical Area Planting Riparian Forest Buffer Streambank and Shoreline Protection Wildlife Upland Habitat Management
<b>Current Treatment Effects</b>	<b>Proposed Treatment Effects</b>
Lack of woody plants suitable for wildlife cover.	Suitable plants available for wildlife food and cover.
Landowner wildlife expectations not being met.	Observe and hunt more wildlife.
Streambank Erosion 150 tons/yr.	Streambank erosion reduced to 10 tons/yr.
Lack of nesting cover and low winter food index values.	Winter food and nesting cover added to the site with riparian plantings with increased wildlife populations and diversity.

## Conservation Effects Worksheet

*Land Use:  
Wildlife Guidance Sheet No. 2*

<b>Current Treatment</b>	<b>Treatment Alternative</b>
An abandoned field with former wet areas which were drained by a shallow ditch. Landowner's objective is to improve the area for wetland wildlife. There is no open water for waterfowl use and the existing plant community is not conducive to food cover and nesting.	This system of conservation practices will provide open water for waterfowl, restore wetland features/hydrology, provide food, nesting cover and winter cover. Wildlife plantings of trees, shrubs, grasses, and forbs will provide suitable habitat for a wide diversity of wildlife.
<b>Resource Concerns</b>	<b>Proposed Practices</b>
Plants Unsuitable for Intended Use Private/Public Values Water Quantity Wildlife	Wetland Restoration Tree/Shrub Establishment Wildlife Wetland Habitat Management Shallow Water Management for Wildlife
<b>Current Treatment Effects</b>	<b>Proposed Treatment Effects</b>
Lack of plants suitable for cover and food.	Plants will be planted which improve wildlife food and cover increasing wildlife diversity and populations.
Expectations not being met.	Landowner will be able to observe/hunt more wildlife
No open water for waterfowl use.	Open water for various wildlife species.
Lack of winter cover, nesting cover and food.	Wildlife needs being met. Exceeds WHAG community criteria.