

Broken Tine Properties

Pond Restoration



OVERVIEW

An earthen embankment was constructed by the previous landowner sometime in the 1990's to provide a water source for horses. The site has as a ~2.6 acre drainage area that consists of mostly native perennial vegetation. A small portion of the drainage area is currently planted to a perennial food plot consisting of a diverse mix of clovers. The existing embankment does not have a principal spillway or auxiliary spillway that are typically included in pond construction to manage a normal pool elevation and excess water during rain events.

Over the years, trees and brush have over grown the pond area causing leakage, reducing the water holding capacity of the pond. The embankment temporarily holds water in the spring after snowmelt and periodically throughout the spring, summer, and fall after rainfall events. The purpose of this project is to restore the pond to its original condition to sustain a permanent pool of water.

GOALS

- Restore the pond to create a permanent pool of water to serve as a secondary water source for wildlife.
- Establish a stable fish population to enhance recreational opportunities on the property.

METHODS

- Cut and remove all woody vegetation within current extents of the pool area and within 10' of the earthen embankment. Woody vegetation should be cut at ground level with a smooth top to prevent personal injury.
- Chemically treat all cut stumps to prevent resprouting. Several options for cut stump treatment are undiluted glyphosate or Tordon RTU. Always consult product label before use.

REPORTING

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