

**South Nation Conservation Annual Bus Tour – 25 June 2015**

**Project Title:** Scotch River Restoration Project

**Landowner Name:** Marc Bercier

**Primary Contact:** Brendan Jacobs, Program Coordinator, Ontario East ALUS Inc.

**Project Partners:** Ontario East Alternative Land Use Services, South Nation Conservation, Raisin Region Conservation Authority, Ducks Unlimited Canada, Eastern Ontario Water Resource Committee, Clean Water Committee, Ontario Rural Waste Water Center

**Project Location:** 18T 0507765 5027265; Lot 4, Concession 17, Former Township of Plantagenet



**Restoration Site**

**Project Area:** Wetland 2.4 ac; Upland 3.7 ac (around wetland); additional acres of upland surrounding the slough TBD

**Project Description:** This project will restore a headwater wetland within the Scotch River watershed by constructing one permanent berm with fixed spillway (less than two meters in height). This project will lead to reduced erosion and flow, increased water quality, as well as a more diverse habitat for fish and wildlife. An herbaceous buffer will be planted around the project site and continue along the length of the slough. To create habitat diversity and increase biodiversity on site a selection of native trees and shrubs will be planted through out. These species will help to solidify the soils, uptake nutrients, provide shade and cover, as well as provide a food source for a variety of wildlife species. As there are no mature or dead trees on site, nesting boxes for waterfowl and other cavity nesting species will be placed through the enhancement area. Additional habitat structures that will be added to the site include hen houses and turtle basking platforms.

A sub-component of the project will be a research partnership with the Ontario Rural Waste Water Center. This research will be looking at the nutrient uptake of the wetland and how this may be enhanced using different media created from natural fibers.



**Future Wetland**

**Future Buffer**

