

















Site ID CATO-1

Potential Restoration Area 0.00

(Acres)

Notes

<u>Date of Field Assessment</u> 3/21/16

Existing Land Use old field/home stead

Adjacent Land Use old field/home stead/park

Distance to Nearest Road adjacent RTE Species Present? No Known Cultural Concern? Yes Stream Restoration Yes Opportunity? Site Currently Wetland? Yes Site Formerly Wetland? Yes Evidence of Disturbance Yes Soils Score 9 Hydrology Score Existing Vegetation Score 8 9 Geomorphic Score Surrounding Land Use Score 7 Function and Value Score Presence of Invasive Species 7 Score Site Disturbance Score 6 9 Ease of Access Score 9 Stormwater Influence Score Total Score 80 Invasive Species Control? Yes Native Plantings? Yes Restore Hydrology? Yes Increase Diversity? Yes Convert Open Water to Yes Vegetated? Convert Emergent to No Shrub/Forested Increase Asthetic or No Educational Value Other No

Groundwater seep feeding pond, berm separates from stream hydric soils within seep groundwater seep on NE edge. Pond overflows to stream through verticle pipe open water, trees and shrubs along border. Water level could be lowered and planted to increase habitat and diversity, improve connection to stream. Barberry and multiflora rose along edge culvert and berm continue to alter stream flow, however no new alteration gravel road off main road crosses stream.

 Site ID
 CATO-1

 Potential Restoration (linear feet)
 100

 Date
 3/21/16

Existing Land Use old field

Adjacent Land Use open field/forested

Distance to Nearest Road Oft

Stream Hydrology Perennial

RTE Species Present? No
Known Cultural Concern? Yes
Wetland Restoration Opportunity? Yes
Existing Wetlands Present Yes
Evidence of Disturbance Yes
Can Restoration be Completed in NPS
Area?

Estimated Bank Erosion Score3Degree of Channel Incision Score1Existing Floodplain Access Score3

Opportunity for Floodplain Development

Score

Notes

Threat of Impact to Resources Score3Surrounding Vegetation Score5Land Use Score1Opportunity for Ecological Lift Score5Ease of Access10

Ease of Access10Surrounding Land Use Score5Total Score44Invasives Species Control?Yes

Riparian Buffer Enhancement?YesRestore Natural Hydrology?YesLivestock Agricultural ExclusionNoFish Passage?YesChannel Restoration?Yes

Increase Aesthetic or Educational Value? Yes

<u>Other</u> No

Small channel appears to have been diverted from natural flow around the pond embankment and through a culvert beneath the

driveway causing minor bank erosion and fish passage issues.

Lack of riparian buffer below the existing driveway.







