DITCH INSPECTION FORM

DITCH NAME Cottonwood Swale   TYPE 6131   OVERALL RATING
                                                          ☐ 5 EXCELLENT
RECONST DATE 1964   LAST EXC 2000   ☐ 4 GOOD
                                                          ☒ 3 FAIR
0+00 STA 18 Salem   LENGTH 20600'   ☐ 2 POOR
                                                          ☐ 1 VERY POOR
ASSESSMENT BASE $5722.20

CURRENT CONDITION AND PLAN OF ACTION

SEDIMENT	☐ GOOD CONDITION ☒ BOTTOM EXCAVATION 5-10 YRS ☐ NEEDS EXCAVATION SOON	avg 1.5'
BANK STABILITY	☐ BANKS GOOD ☒ BANKS STEEP LESS THAN 1.5:1 ☐ RIP RAP NEEDED	Older ditch with rounded off slopes
OUTLET PIPES	☐ GOOD CONDITION ☐ NEED REPAIR	
VEGETATION	☐ GOOD CONTROL ☐ NEEDS MOWING ☒ BRUSH ☐ CATTAILS & PHRAGMITIES ☐ PHRAGMITIES	Need brush spray 2018
FUTURE	2020	2021

One of the older petition ditches located in Salem TWP. This ditch just seems to have a collection of landowners or operators that just are not as conservation minded as on other projects. There are exceptions and this is evident by the condition of the ditch. Generally there has been less subsurface drainage done in this area, so there is a lot of furrow drainage. Filter strip are generally lacking, again there are exceptions. This ditch usually requires some type of annual maintenance such as mowing or spraying and it is a higher cost than most. West of Portage South Road the landowners farm to the edge and access can be an issue. This ditch provides adequate drainage for the watershed, but it was probably not designed to todays standards. Routine mowing, spraying and site specific issues are the main maintenance items. It does have some higher costs, but landowners do not complain. More effort on their part would increase the usefull life and reduce maintenace costs. Generally complete mowing or spraying is not possible due to acess, so there is usually some mowing or spraying done each year. Mowing and or spot spraying in 2019. Will look at an excavation in the next 3-4 years with a six year review and base increas hearing first. This project will require some slope excavationto insteadof just a bottom excavation as was done in the past to bring it the original plan design.

DATE INSPECTED: 4.18.2018   INSPECTED BY: Mike Gargac