

DITCH INSPECTION FORM

DITCH NAME Marquardt Ditch

TYPE 6131

OVERALL RATING

RECONST DATE 1963

LAST EXC 1988

5 EXCELLENT

4 GOOD

3 FAIR

2 POOR

1 VERY POOR

0+00 STA 32 Benton

LENGTH 9293'

ASSESSMENT BASE \$1754.22

CURRENT CONDITION AND PLAN OF ACTION

| | | |
|----------------|--|--|
| SEDIMENT | <input type="checkbox"/> GOOD CONDITION <input type="checkbox"/> BOTTOM EXCAVATION 5-10 YRS <input checked="" type="checkbox"/> NEEDS EXCAVATION SOON | 1.5' - 2.0" avg |
| BANK STABILITY | <input type="checkbox"/> BANKS GOOD <input checked="" type="checkbox"/> BANKS STEEP LESS THAN 1.5:1 <input type="checkbox"/> RIP RAP NEEDED | |
| OUTLET PIPES | <input type="checkbox"/> GOOD CONDITION <input type="checkbox"/> NEED REPAIR | |
| VEGETATION | <input type="checkbox"/> GOOD CONTROL <input type="checkbox"/> NEEDS MOWING <input checked="" type="checkbox"/> BRUSH <input type="checkbox"/> CATTAILS <input type="checkbox"/> PHRAGMITIES | Spotty brush needs dormant or spot spraying. Fallen trees along wooded area north of True Rd |
| FUTURE | 2020 | 2021 |

For it's age and design coefficient it is generally in good shape. Approximately 80% of the ditch has at least 10' or wider filter strips or is in CRP. This has definitely extended the usefull life of this project since the 1988 bottom excavation. This is a direct result of landowner involvement. The lower end is backwater influenced by the Toussaint Creek and is in a flood plain area. This area also has some potentially more unstable soil. The good thing is that most of this area is in CRP or other permanent vegetation. Ditch design is on the old 1.5:1 SS with 2.5' BW. As with most older ditches the banks are rounded off to less than 1.5:1. Need to get survey data and plan for an excavation in fall - winter 2018-2019. This is another project that needs a six year review and base increase hearing.

DATE INSPECTED: 4.19.2018

INSPECTED BY: Mike Gargac