

# DITCH INSPECTION FORM

DITCH NAME Bradford Lindsey Ditch

TYPE 6131

OVERALL RATING

RECONST DATE 1964

LAST EXC 2000

5 EXCELLENT

4 GOOD

3 FAIR

2 POOR

1 VERY POOR

0+00 STA 17 Allen

LENGTH 11000'

ASSESSMENT BASE \$2524.10

## CURRENT CONDITION AND PLAN OF ACTION

SEDIMENT	<input type="checkbox"/> GOOD CONDITION <input checked="" type="checkbox"/> BOTTOM EXCAVATION 5-10 YRS <input type="checkbox"/> NEEDS EXCAVATION SOON	1.5' average
BANK STABILITY	<input checked="" type="checkbox"/> BANKS GOOD <input type="checkbox"/> BANKS STEEP LESS THAN 1.5:1 <input type="checkbox"/> RIP RAP NEEDED	most areas 1:1.5, along road steeper
OUTLET PIPES	<input type="checkbox"/> GOOD CONDITION <input type="checkbox"/> NEED REPAIR	
VEGETATION	<input type="checkbox"/> GOOD CONTROL <input checked="" type="checkbox"/> NEEDS MOWING <input checked="" type="checkbox"/> BRUSH <input checked="" type="checkbox"/> CATTAILS <input type="checkbox"/> PHRAGMITIES	Brush and cattails,  Ditch was mowed in 2017
FUTURE		

Generally in fair to good condition considering the age. This ditch moves a lot of water and land use changes over the years has increased the incidents of localized flooding. This ditch is usually mowed every other year. The Bradford Lindsey outlets into the Wagoner Branch of Turtle Creek 300' west of the Quarry property. The Wagoner Branch outlet end is at the old street car line. The Wagoner Branch project did not go downstream to a suitable outlet. This causes backwater and increased sedimentation in the lower end of Wagoner Branch and the Bradford Lindsey. Unless the ditch is increased in size by a reconstruction (petition) it will still be in good shape but at an older design drainage coefficient. This ditch generally needs some work every year mowing or spraying. Landowners in the subdivision west of Reiman Rd complain of slow drainage but it is a ditch capacity issue due to the age and older design criteria. Mowing and or brush spraying in 2019 along with some tree removal near quarry section. This project needs a six year review and base increase hearing. When it is excavated again it will need some slope work instead of just a bottom excavation.

DATE INSPECTED: 4.19.2018

INSPECTED BY: Mike Gargac