

TIPPECANOE COUNTY SURVEYOR

TIPPECANOE COUNTY OFFICE BUILDING

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MAINTENANCE REPORT

DISMAL CREEK #93 REGULATED DRAIN

TIPPECANOE COUNTY DRAINAGE BOARD

OCTOBER 24, 2017

The Dismal Creek Drain was originally three (3) different drains; Dismal Creek open ditch, George Ilgenfritz open ditch, and the Luther Lucas tile drain. On March 22nd of 1985 all three (3) drains were combined under the Dismal Creek Drain and a maintenance rate of \$1.00 per acre was established during the public hearing held by the Tippecanoe County Drainage Board. The Dismal Creek Drain and it's watershed are located in the Richardville Reserve and Sections 18, 19, 20, 28, 29, 30, 31, 32 and 33 in Township 22 North and Range 3 West in the political township of Sheffield and Sections 13, 14, 15, 22, 23, 24, 25, 26, 27, 35 and 36 in the Township 22 North and Range 4 West in the political township of Wea all being within Tippecanoe County Indiana.

In January of 2003 the maintenance rate was raised one time by 25% as allowed by I.C. 36-9-27-42.

Since 1985 when all three (3) drains were joined under one maintenance fund clearing, dredging, spraying and tile repairs have been conducted. Recently, the former Ilgenfritz drain has had the lower 2/3rds of the open ditch dredged and cleared. The remaining work on this system is scheduled for next year (2018). However, the Dismal Creek open ditch needs major clearing, dredging, channel straightening and ongoing spraying to reverse the severe erosion problems and stop over land flow caused by water leaving the designed channel. Furthermore, the current rate of \$1.25 per acre is not sufficient to conduct the needed work.

The Dismal Creek watershed contains 6662.70 acres. Currently the Dismal Creek Drain has 48,126 lineal feet of open ditch and 4811 lineal feet of tile to be maintained by this maintenance fund.

It is the professional judgment of the Tippecanoe County Surveyor that a sum of \$279,568.43 is needed to complete the remaining open ditch maintenance work.

An assessment of \$4.75 per acre and a \$20.00 minimum over an eight (8) year period are recommended. This will generate \$282,648.08 over an eight (8) year period.

It is the professional opinion of the Tippecanoe County Surveyor that this rate increase will allow for the much-needed remaining open ditch clearing and dredging work and also ensure that monies will be generated for future maintenance on this system.

Respectfully Submitted by:



Zachariah E. Beasley P.S., M.S., C.F.M.
Tippecanoe County Surveyor

Cc: file
ZEB: bjg