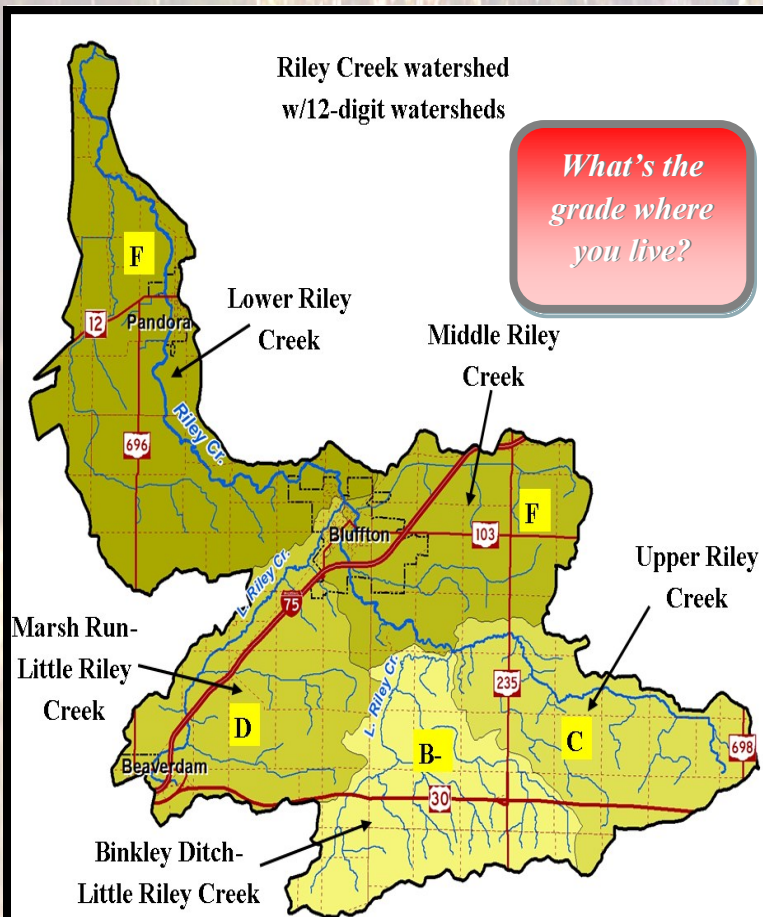


RILEY CREEK WATERSHED REPORT CARD

Riley Creek watershed southern boundary runs east-west along the Hancock/Hardin County line and along SR. 30 in Allen County to Beaverdam. From Beaverdam the western boundary follows a ridge just northwest of Little Riley Creek to the northeast until the ridge reaches the Phillips/Rockport Rd. intersection. Here the western boundary runs west to SR 696 before turning north to the mouth off Riley Creek north of Road K-6. The eastern boundary starts near SR. 698/US 30 intersection. The eastern boundary moves northward along a ridge till it reaches CR. 27. From here, the ridge boundary moves in a slight northwest direction just north of CR. 27 eventually crossing CR. 28 near TR. 56. At this point the ridge turns northward until it reaches TR. 34 just east of TR. 56. The boundary ridge now turns to the west again running just north of Bluffton until it reaches the Bixel/Phillips Rd. intersection. From here the boundary ridge runs just east of the Riley Creek through Pandora to the Blanchard River.

Watershed Facts:

- ◆ average maximum temperature is 85°F
- ◆ average minimum temperature is 17° F
- ◆ average annual precipitation is 37-36 inches
- ◆ bedrock consists of dolostone (dolomite)
- ◆ wetlands comprise 956 acres
- ◆ ponds and lakes - 115 acres
- ◆ streams and rivers - 132 acres



Riley Creek watershed Final Grade = **D to D-**

The *causes of impairments* include:

- ◆ direct habitat alterations
- ◆ nitrates/nitrites (Nitrogen)
- ◆ organic enrichment (sewage) biological indicators
- ◆ phosphorus (total)
- ◆ sedimentation/siltation
- ◆ low flow alterations
- ◆ nutrient/eutrophication biological indicators
- ◆ temperature, water

The *sources of impairments* are:

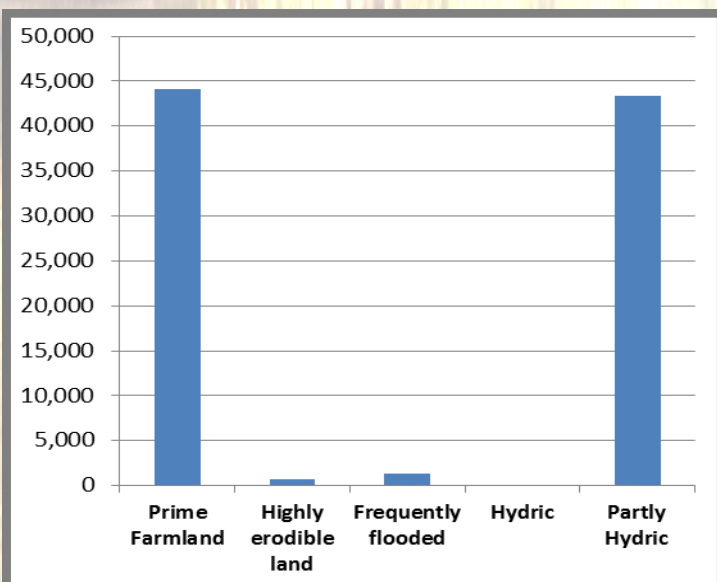
- ◆ channelization
- ◆ crop production with subsurface drainage
- ◆ urban runoff/storm sewers
- ◆ failing septic tanks
- ◆ combined sewage overflows
- ◆ municipal point source discharges, and stormwater
- ◆ dam or impoundment
- ◆ streambank modification/destabilization

Riley Creek Watershed (HUC 04100008 04)

Total	Cities & Villages	Total Square	Total	Priority	Watershed
7,672	Beaverdam, Bluffton, Pandora	82.2	54,873.60	NA	NA
Binkley Ditch-Little Riley Creek (0400008 04 01)					
669	None	14.4	9,193.90	0	0
Upper Riley Creek (0400008 04 02)					
591	None	14.4	9,185.00	0	0
Marsh Run-Little Riley Creek (0400008 04 03)					
2,204	Beaverdam, Bluffton	16.3	10,404.60	0	0
Middle Riley Creek (0400008 04 04)					
1,548	Bluffton	15.6	9,995.50	0	0
Lower Riley Creek (0400008 04 05)					
2,660	Bluffton, Pandora	25.1	16,094.60	0	20

School Districts completely or partially within this watershed are Ada Exempted Village, Allen East Local, Bluffton Exempted Village, Columbus Grove Local, Cory Rawson Local, Hardin Northern Local, Ottawa-Glandorf Local, and Pandora GilboaLocal.

Riley Creek Soil Resources in Acres



Aquatic Life Use Attainment

Designation indicating the water body provides suitable habitat for survival and reproduction of desirable fish, shellfish, and other aquatic organisms.

Binkley Ditch-Little Riley Creek: impaired

Upper Riley Creek: impaired

Marsh Run-Little Riley Creek: impaired

Riley Creek Land Resources

