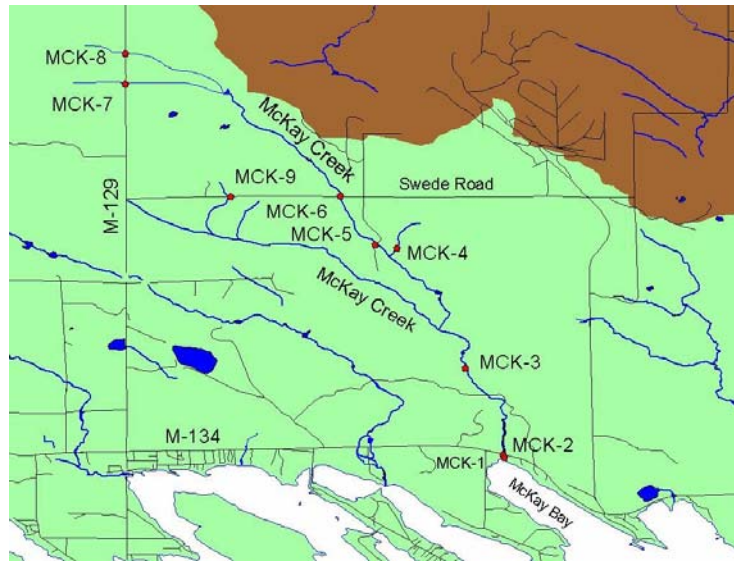


McKay Creek

At Swede Road (west)
MCK-9



Upstream



Downstream



McKay Creek

At Swede Road (west)
MCK-9

McKay Creek at Swede Road (west—tributary)

Site I.D.: MCK-9

GPS Coordinates: N 46.04305
W 84.34501

Township: Clark

County: Mackinac

Adjacent Landowners: Private

Road Information

Jurisdiction: MCRC

Surface: Paved

Width at Crossing: 29 feet

Maintenance: Year around

Low point: At stream

Drainage Control Features: None

Approach Length: Left: 0.4 mile
Right: 0.2 mile

Slope: Left: 1-5 percent
Right: 1-5 percent

Ditch/shoulder vegetation: Left: Heavy
Right: Heavy

Average Width of Grade: 74 feet

Runoff Path: Ditch

Stream Characteristics

Average Width: Upstream: 3 feet
Downstream: 3 feet

Average Depth: Upstream: 4 inches
Downstream: 6 inches

Average Current: Upstream: Moderate
Downstream: Fast

Substrate Type: Upstream: Sand/gravel
Downstream: Gravel

Adjacent Wetlands:

No

Visible Down Cutting:

No

Culvert Information

Culvert Type: Single

Length: 72 feet

Diameter: 4 feet

Material: Galvanized

Condition: Good

Culvert Flow: Clear

Fish Passage Problem: No

Fill Depth: Inlet: 7 feet
Outlet: 7 feet

Embankment Slopes: Inlet: 2:1
Outlet: 2:1



McKay Creek

At Swede Road (west)
MCK-9

Conditions and Treatment

Erosion Conditions

- Embankment erosion

Recommended Treatment

- Replace culvert with bottomless culvert or bridge

Erosion Severity Rating: Moderate (18)

Overall Condition Rating: Minor

Cost: See BMP Cost Tables

Comments: None