

DATE: December 1, 2021

FILE REF:

TO: File

FROM: Mary Gansberg, Water Resources Management Specialist

SUBJECT: Unnamed Tributary to Kriwanek Creek (Maribel WWTF)

Overview

On November 24, 2021, I conducted a site visit to the stream that receives the Maribel WWTF discharge (WBIC 3000159) and Unnamed Tributary (WBIC 5021595). This site visit was initiated due to correspondence with Nicole Krueger, WDNR, regarding the appropriate classification of Unnamed Tributary WBIC 3000159. Previous DNR memos classified the stream as limited aquatic life (LAL), however the stream was not codified as LAL.

Observations

- There was no stream flow at Pleasant Rd directly west of Maribel WWTF (WBIC 3000159). Site and photo #1.
- The stream was flowing upstream of the WWTF at the corner of Pleasant Rd and Hidden Valley Rd (WBIC 5021595). Stream was about 6 inches deep and 2 feet wide. Site and photo #2.
- I did not observe any fish at any stream crossing. A local farmer said the stream at the corner of Pleasant Rd and Hidden Valley Rd (WBIC 5021595) pretty much flows year around but that he has never seen fish, not even minnows there. Site and photo #3.
- The perched culvert east side of CTH R (WBIC 3000159) would prevent fish movement during low water levels. Site and photo #4.
- There was less flow under I43 then at sites #2 and #3. The huge drop (like ~6 feet) at the box culvert would prevent fish movement. Site and photo #5
- Kriwanek Creek at Hidden Valley Rd had good flow and is a good quality stream. No photo taken.

Discussion

- It is obvious by the size of the culverts, size of downed trees and large stream valleys that these streams get significant flow during runoff events.
- The perched culvert at CTH R and under I43 are barriers to fish movement. Under normal stream flow, fish would not be able to migrate upstream from Kriwanek Creek or the West Twin River.

Recommendations

- Based on my observations, I believe the stream is LAL. I do not believe the stream has the potential to support fish. However, I would recommend an appropriately timed fish survey be conducted to document if fish are present.
- Fish surveys and natural community verifications should be conducted on the Unnamed Tributaries WBIC 3000159 and WBIC 5021595.

Site Visit Map



Photos



Site #1. Upstream WWTF WBIC 3000159 Pleasant Rd facing east



Site #2. Downstream of Hidden Valley Rd WBIC 5021595 facing south



Site #3. WBIC 5021595 Hidden Valley Rd (west of Pleasant Rd) facing north



Site #4. WBIC 3000159 Perched culvert east side of CTH R



Site #5. WBIC 3000159 under I43