



Michigan Clean  
Water Corps

# Thornapple River

## MiCorps Volunteer Stream Monitoring Program Report

Presented by Rachel Frantz  
Program Coordinator,  
Barry Conservation District  
December 5, 2025



**Barry**  
Conservation  
District

*Barry-200 Coldwater River*





# Project Partners



**Thornapple River  
Watershed Council (TRWC)**  
[www.thornappleriverwatershed.org](http://www.thornappleriverwatershed.org)



**Lower Grand River  
Organization of Watersheds  
(LGROW)**  
[www.lgrow.org](http://www.lgrow.org)



**Pierce Cedar Creek  
Institute (PCCI)**  
[www.cedarcreekinstitute.org](http://www.cedarcreekinstitute.org)





# Progress

- **7** sites sampled
  - **1** site dropped due to safety concerns
- **59** volunteer sign ups
  - **40** participants
- **3** leader and collector trainings
  - **19** volunteers trained
- **3** sampling events
  - **27** volunteers
- **3** identification workshops
  - **22** volunteers
- **102** volunteer hours



# Identification Workshops

- Matt Bain, LGROW, led all workshops
- Introduction to Macroinvertebrate ID
- Barry County hosted 1 ID Day lunch and learn
- PCCI hosted 2 workshops in lab





# Our Sites





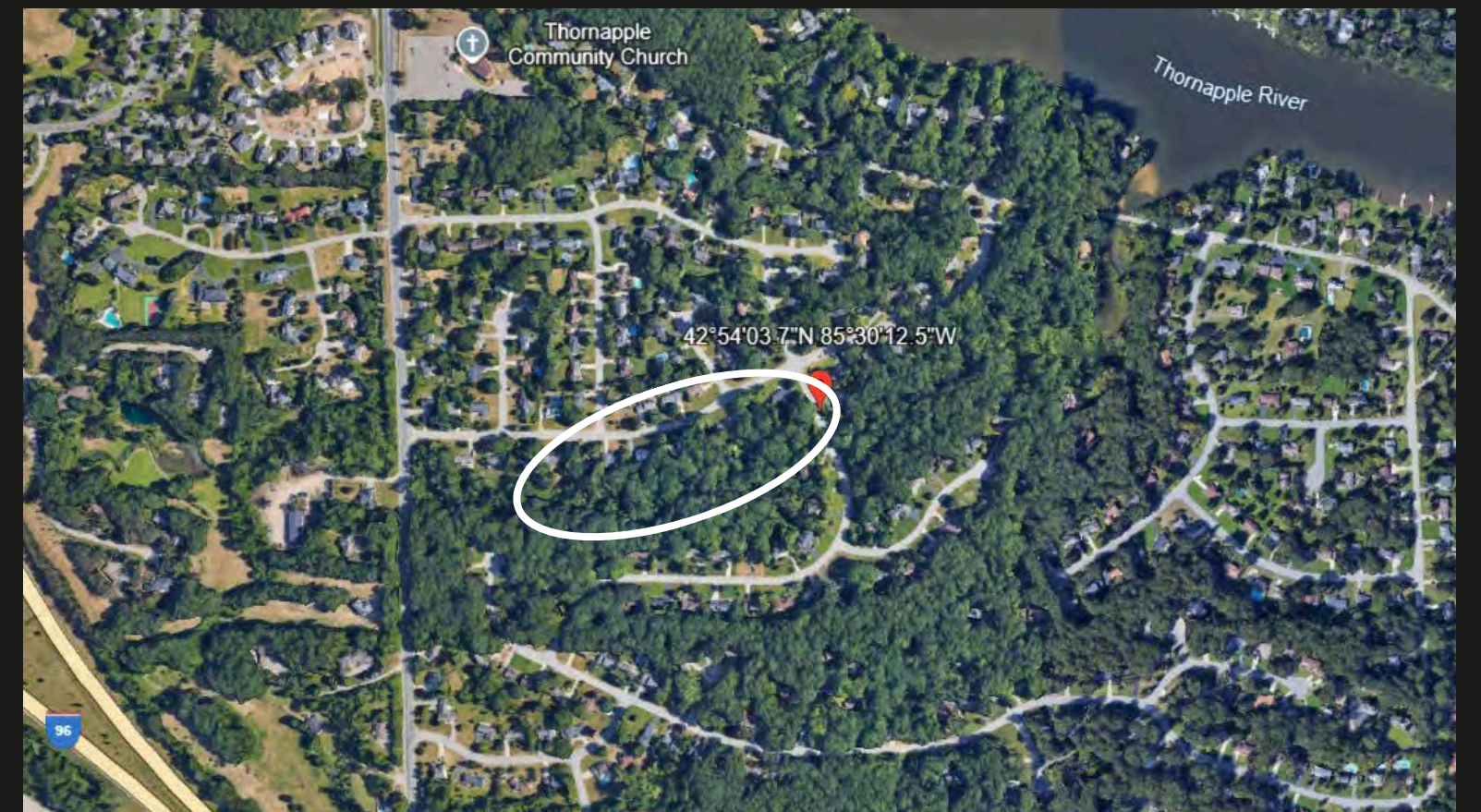
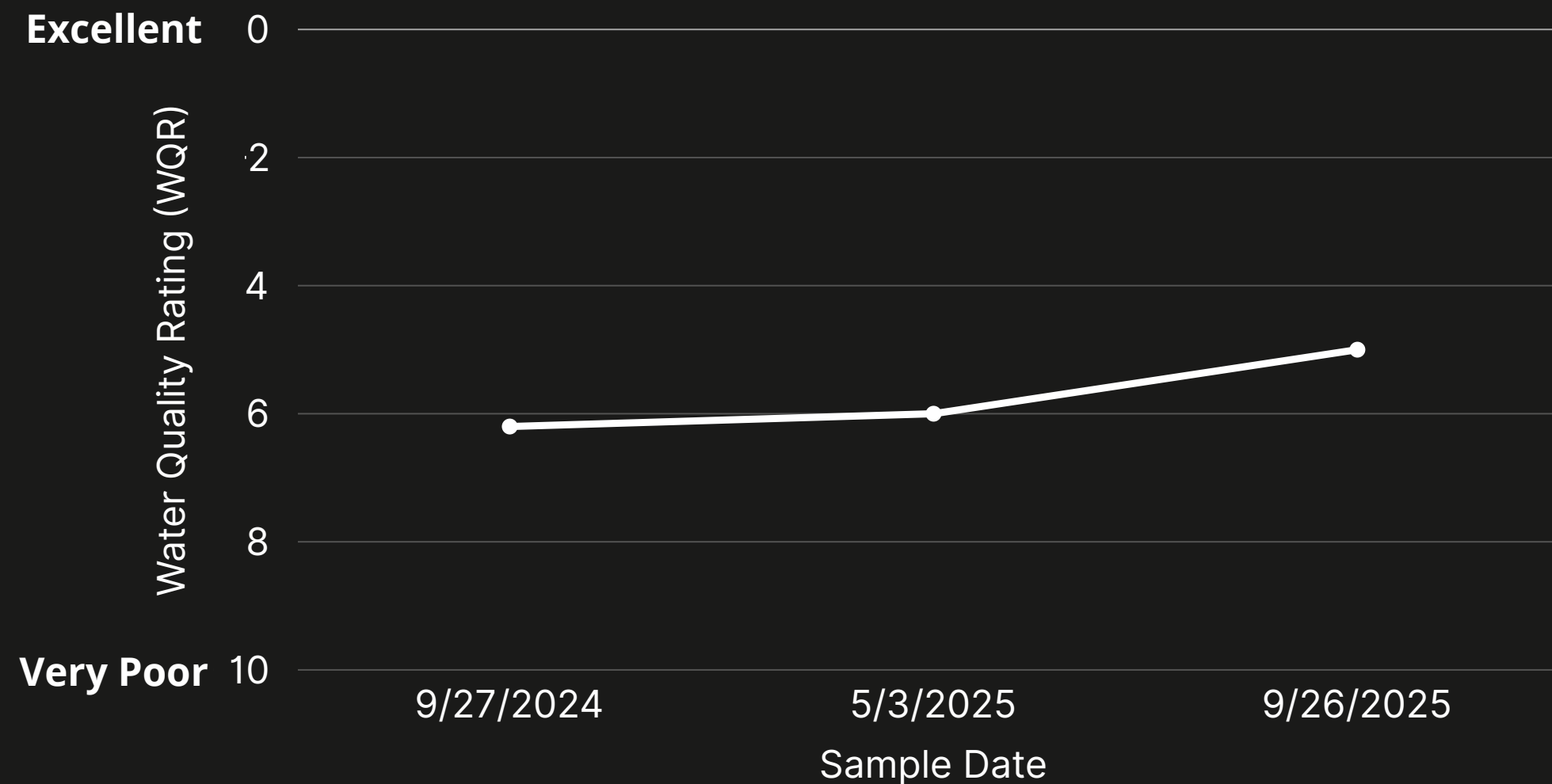
# Unnamed Tributary - Trout Creek

Site ID: Barry-137

Water Quality Rating: Fair - Good

Status: Improving

Continue Monitoring: Yes





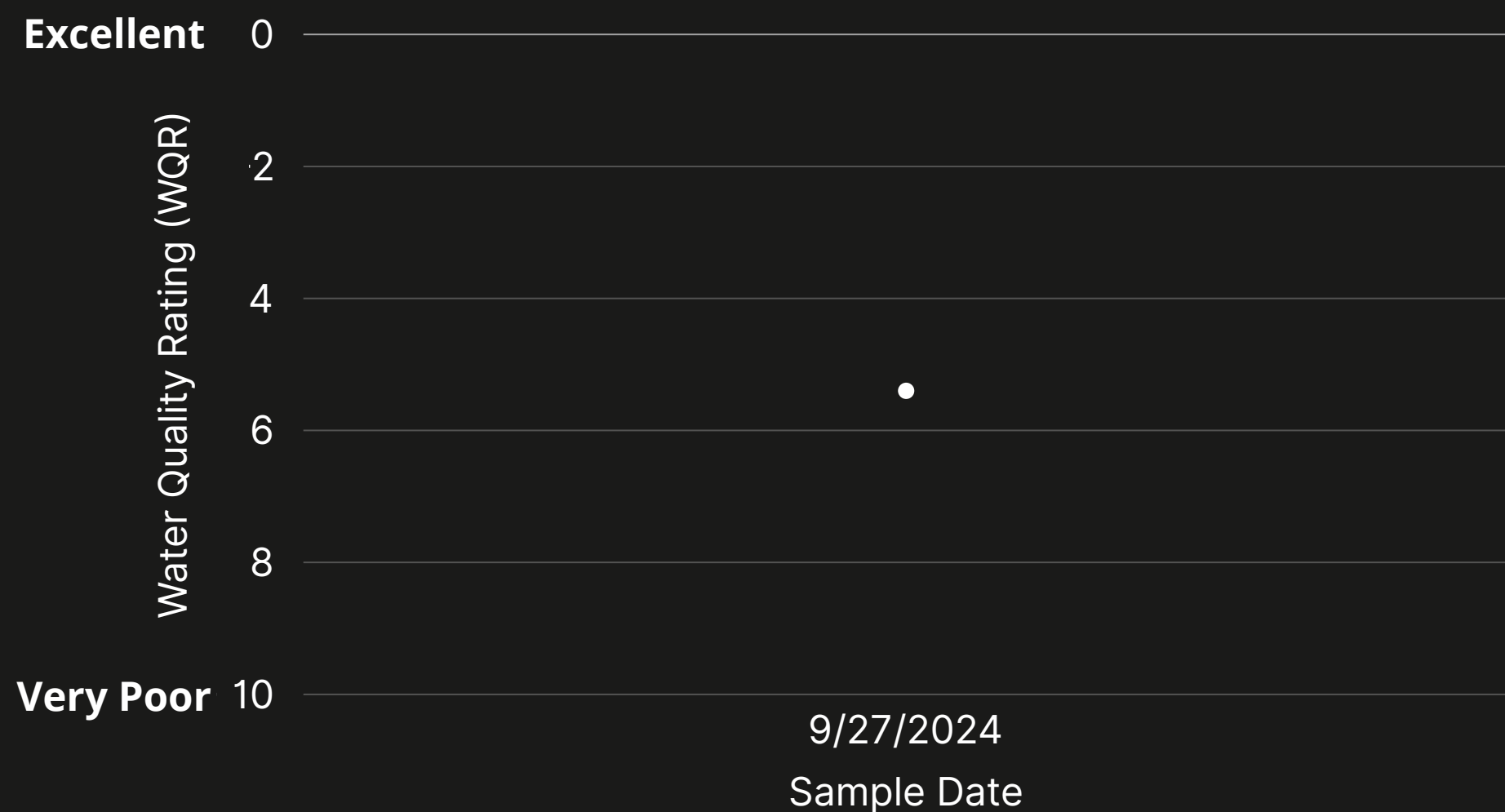
# Thornapple River - Irving Dam

Site ID: Barry-202

Water Quality Rating: Good

Status: Unknown

Continue Monitoring: No





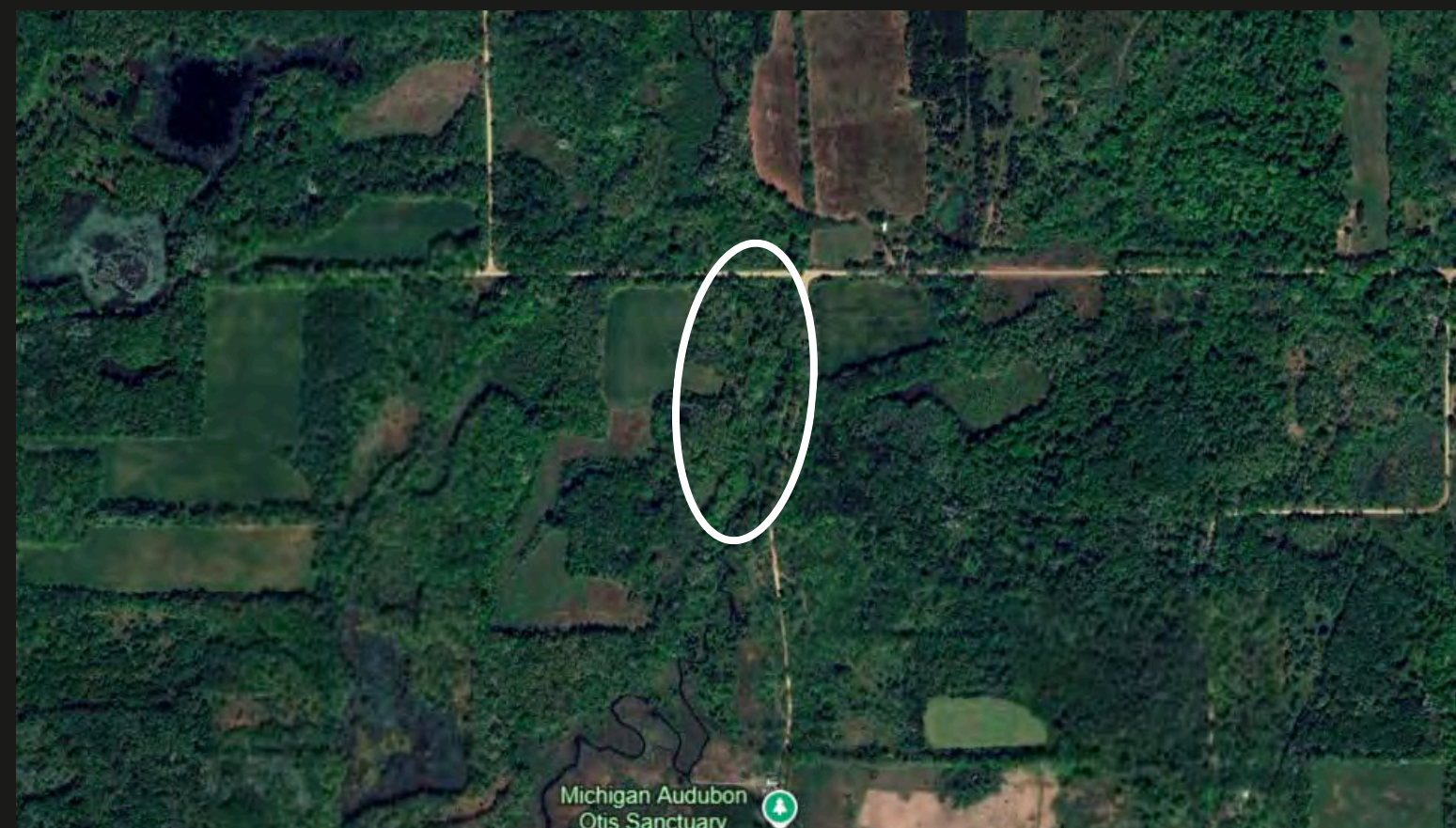
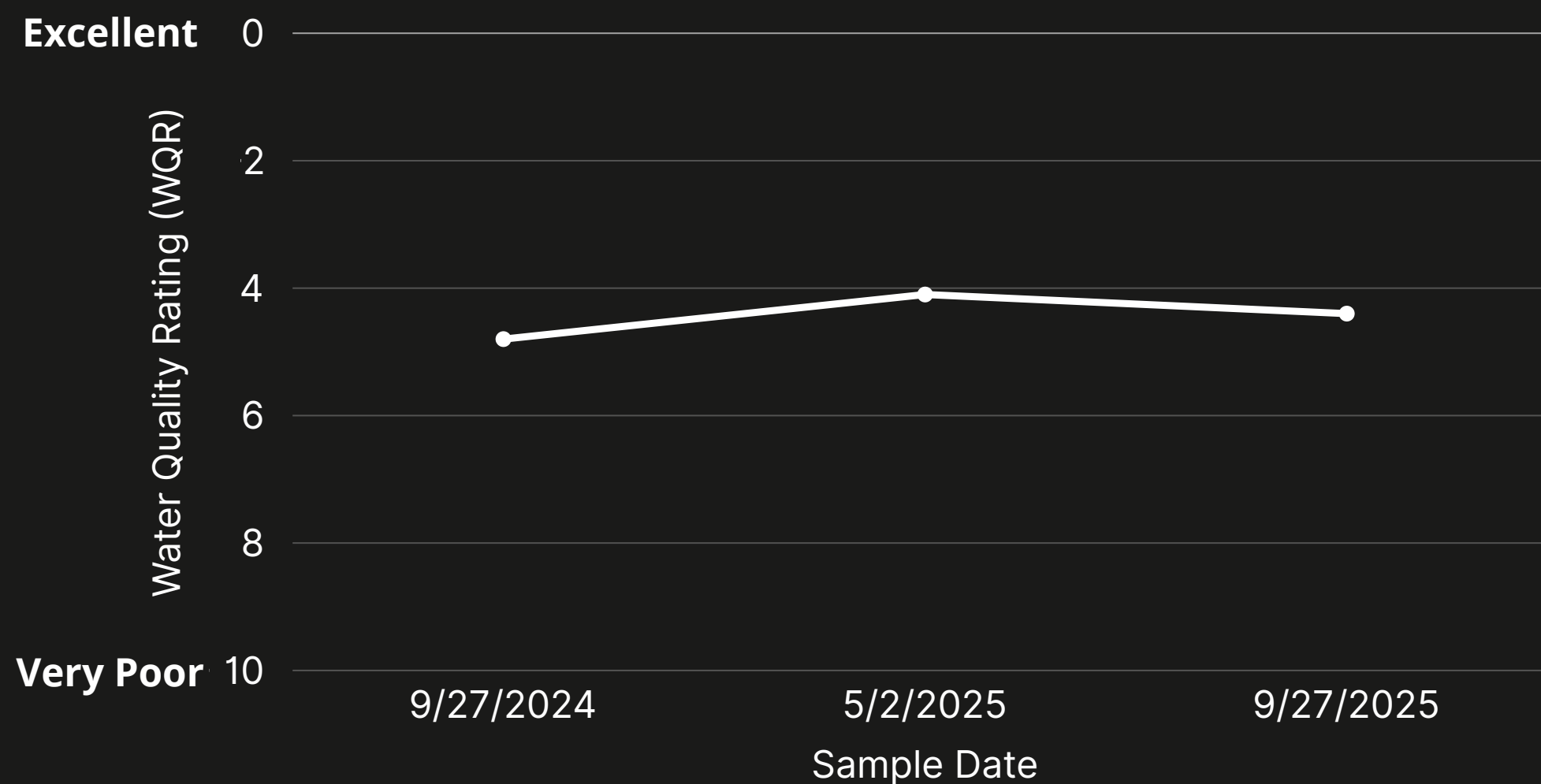
# Glass Creek - Audubon

Site ID: Barry-118

Water Quality Rating: Good - Very Good

Status: Improving

Continue Monitoring: Yes





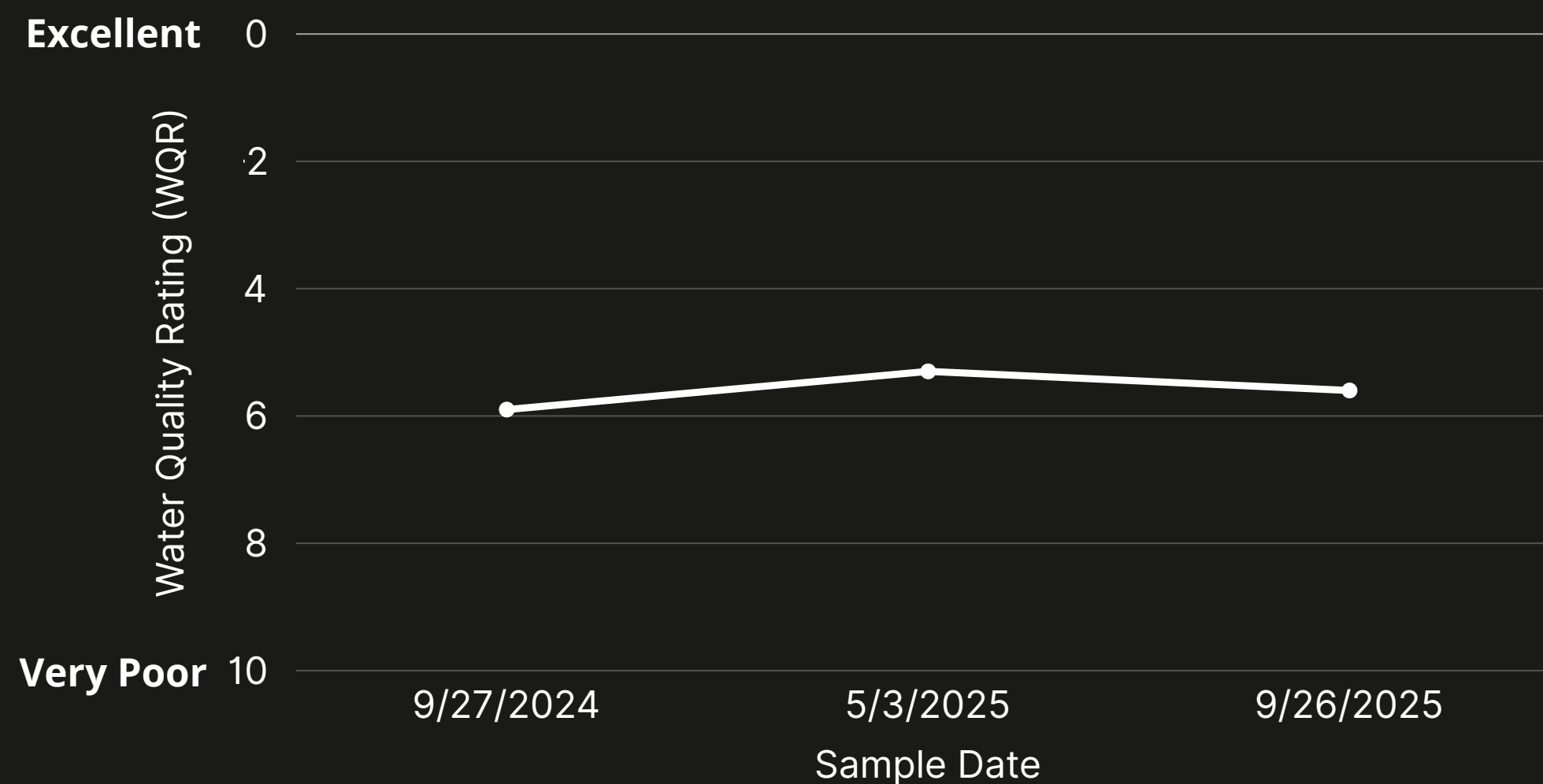
# Coldwater River - Two Rivers

Site ID: Barry-200

Water Quality Rating: Fair - Good - Fair

Status: Stable

Continue Monitoring: Yes





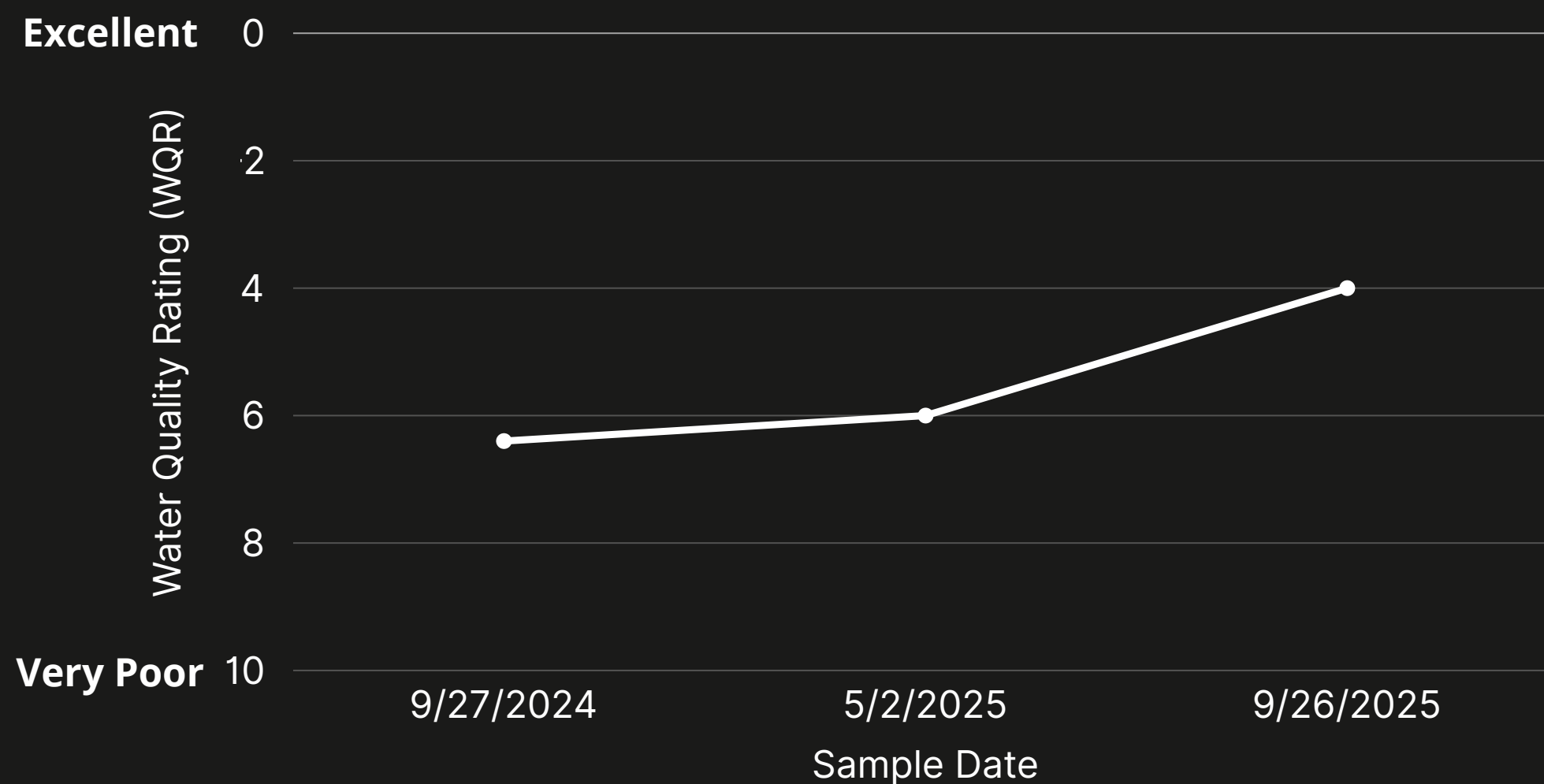
# Thornapple River - Nashville Dam

Site ID: Barry-201

Water Quality Rating: Fair - Very Good

Status: Improving

Continue Monitoring: Yes





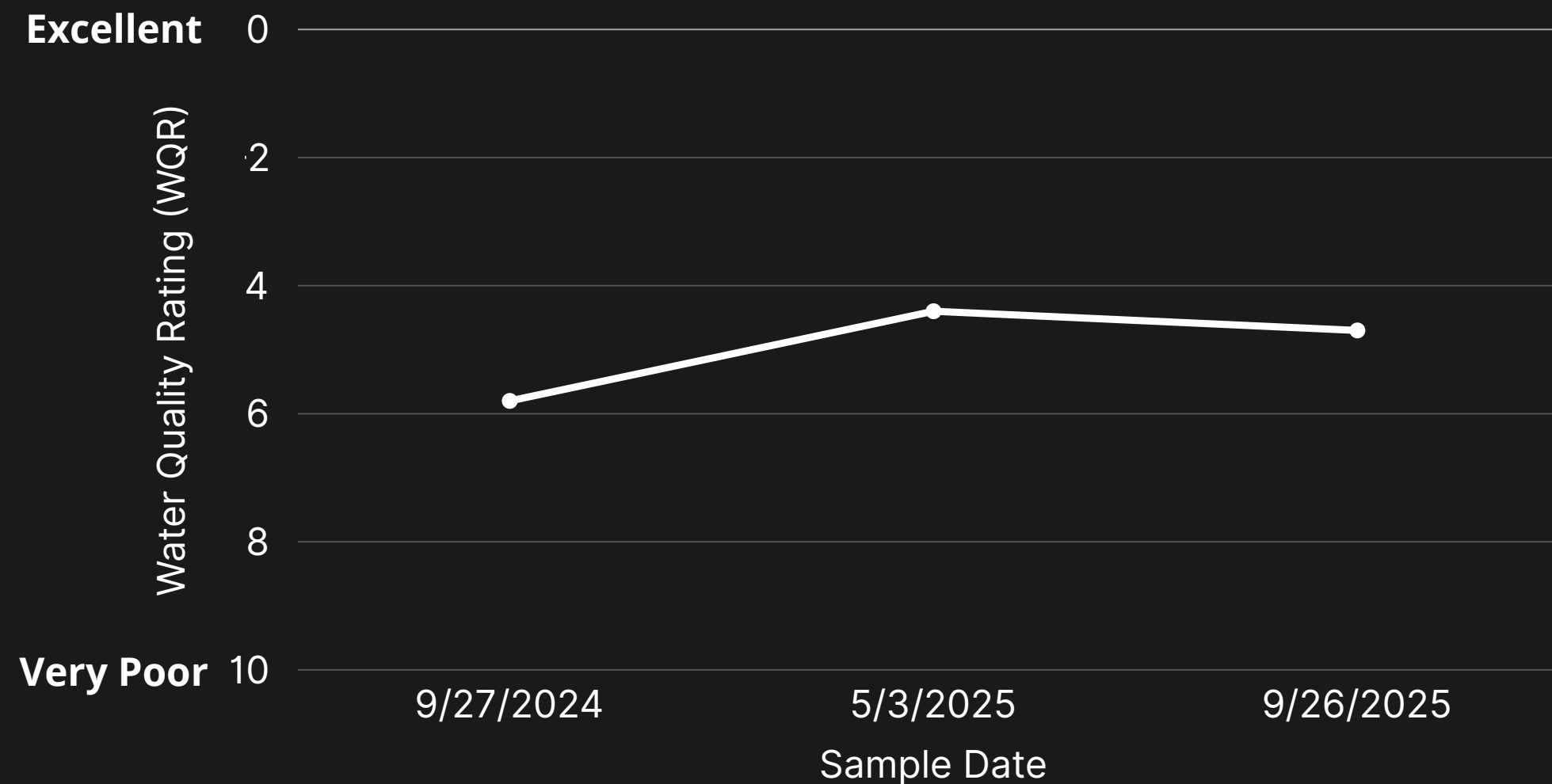
# High Bank Creek - Camp Thornapple

Site ID: Barry-203

Water Quality Rating: Fair - Very Good - Good

Status: Stable

Continue Monitoring: Yes





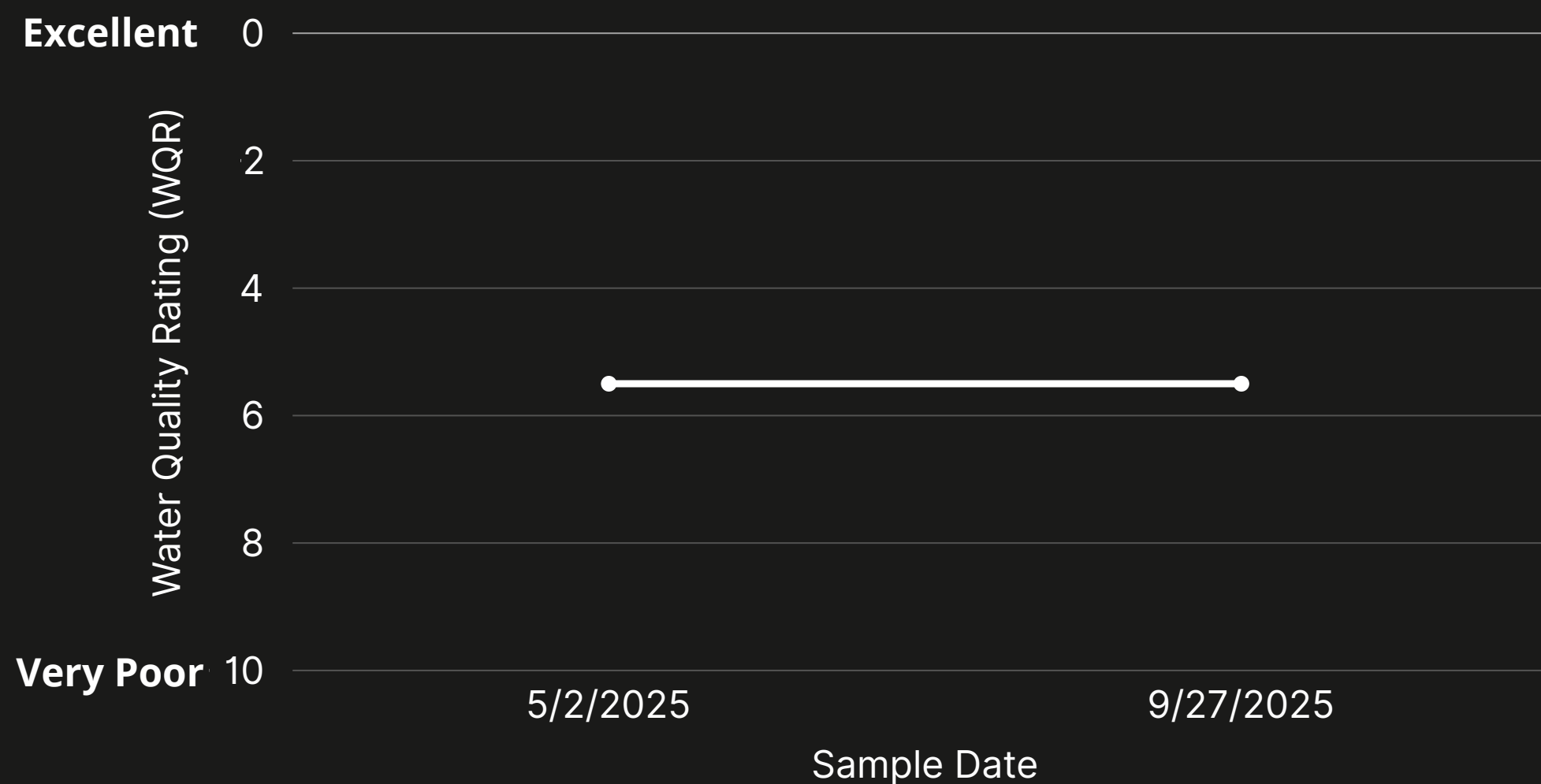
# Fall Creek - Hastings

Site ID: Barry-104

Water Quality Rating: Good

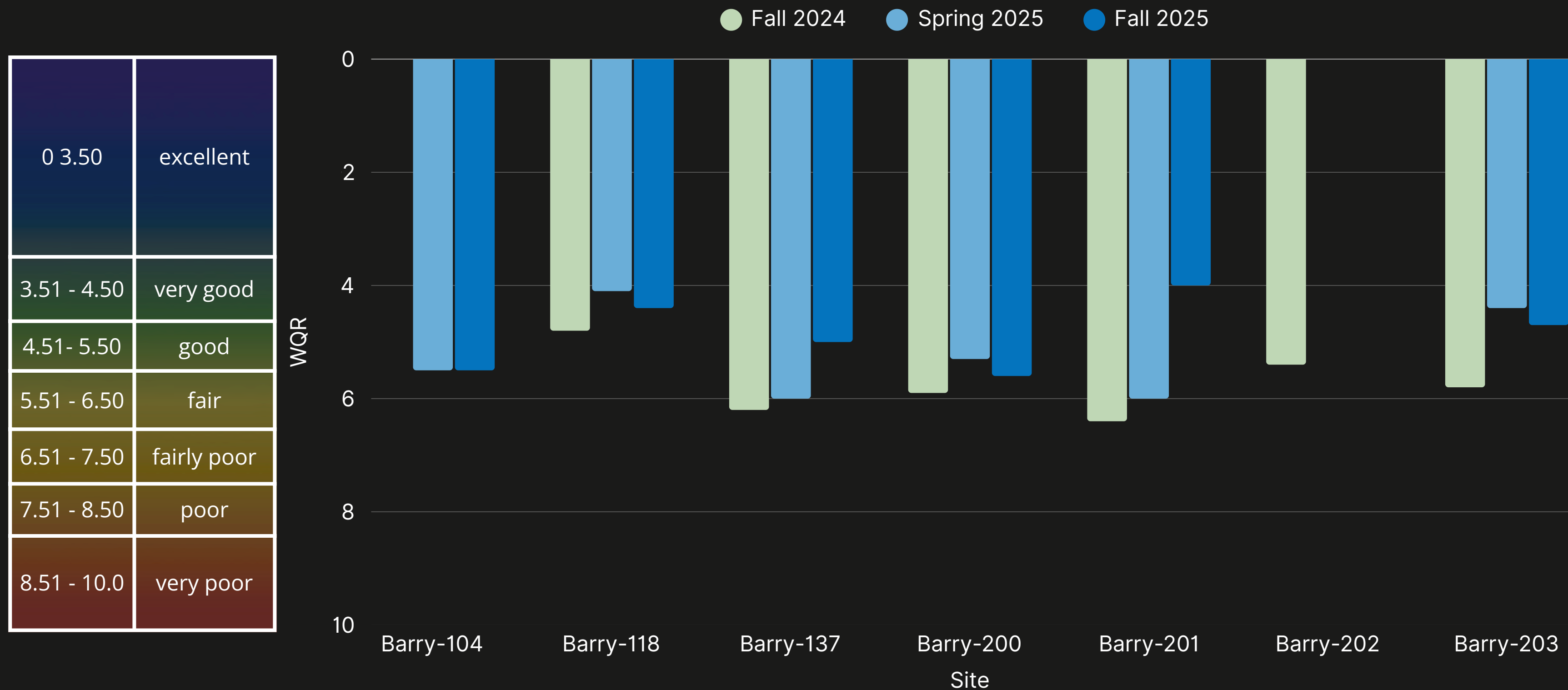
Status: Stable

Continue Monitoring: Yes





# Water Quality Rating Trends



0 - 3.50	excellent
3.51 - 4.50	very good
4.51 - 5.50	good
5.51 - 6.50	fair
6.51 - 7.50	fairly poor
7.51 - 8.50	poor
8.51 - 10.0	very poor









Training, Summer 2024



Sampling Barry-137, Fall 2024



Sampling Barry-118, Fall 2025



Training, Summer 2025



Sampling/Training Barry-104, Spring 2025



Sampling Barry-201, Spring 2025



# Thank you!

Rachel Frantz

Barry Conservation District

[rachel.frantz@macd.org](mailto:rachel.frantz@macd.org)

[www.barrycd.org/waterquality](http://www.barrycd.org/waterquality)

