The Intricacies of the Goose River

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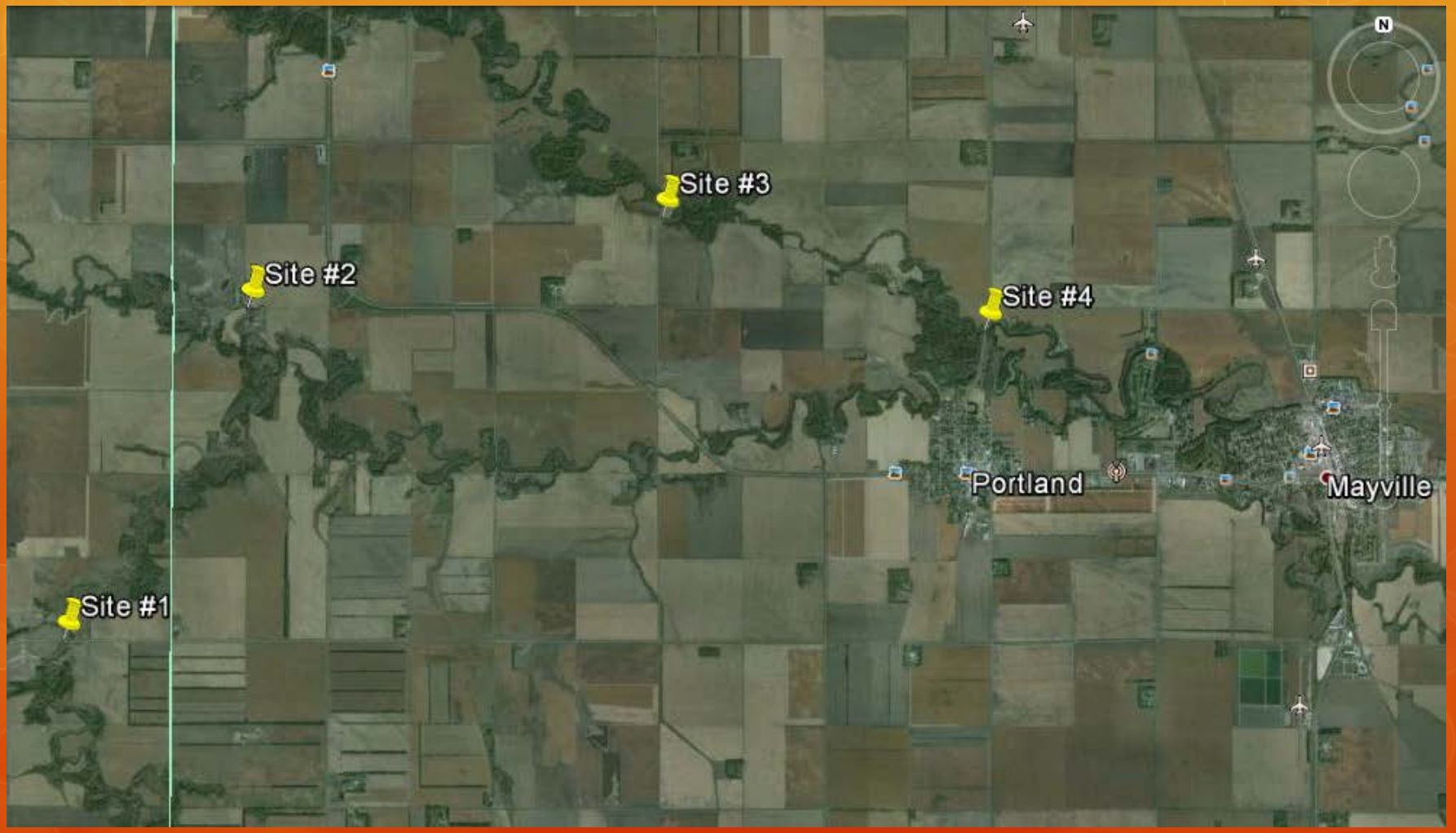
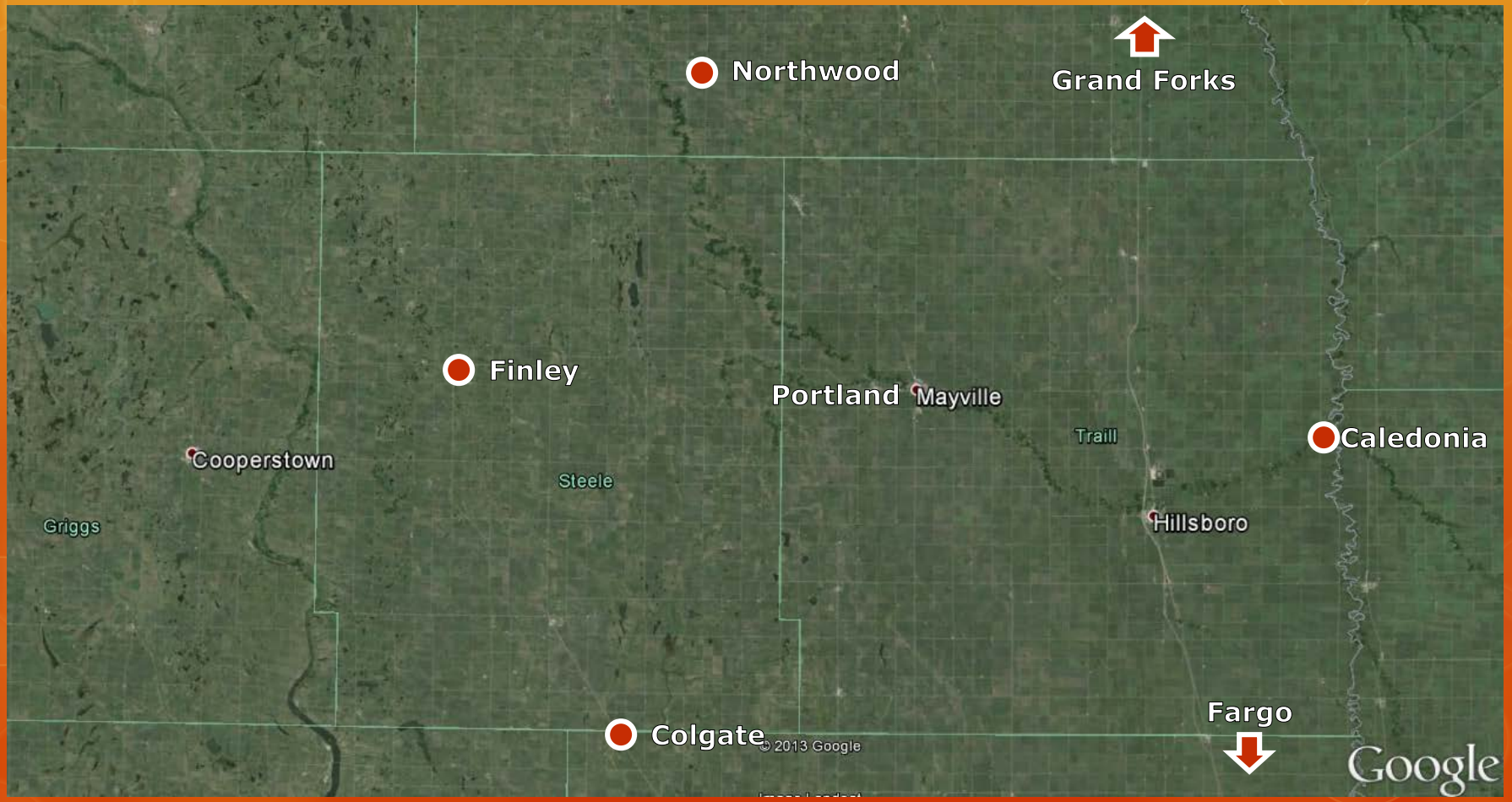
“River Watch”

Sample Sites



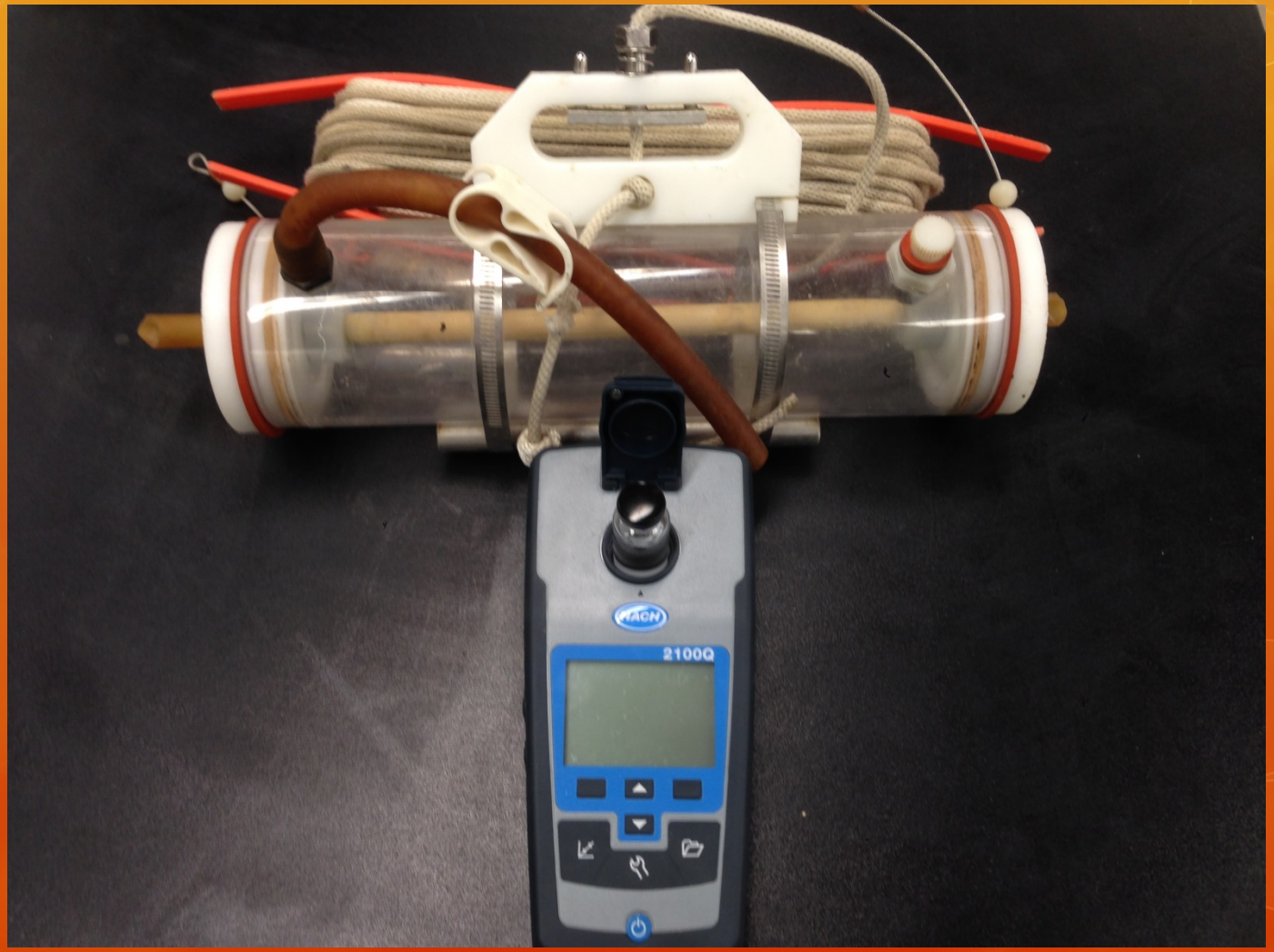
Location


Northwood
Grand Forks
Finley
Portland
Mayville
Traill
Caledonia
Cooperstown
Steele
Griggs
Hillsboro
Colgate
Fargo
© 2013 Google
Google

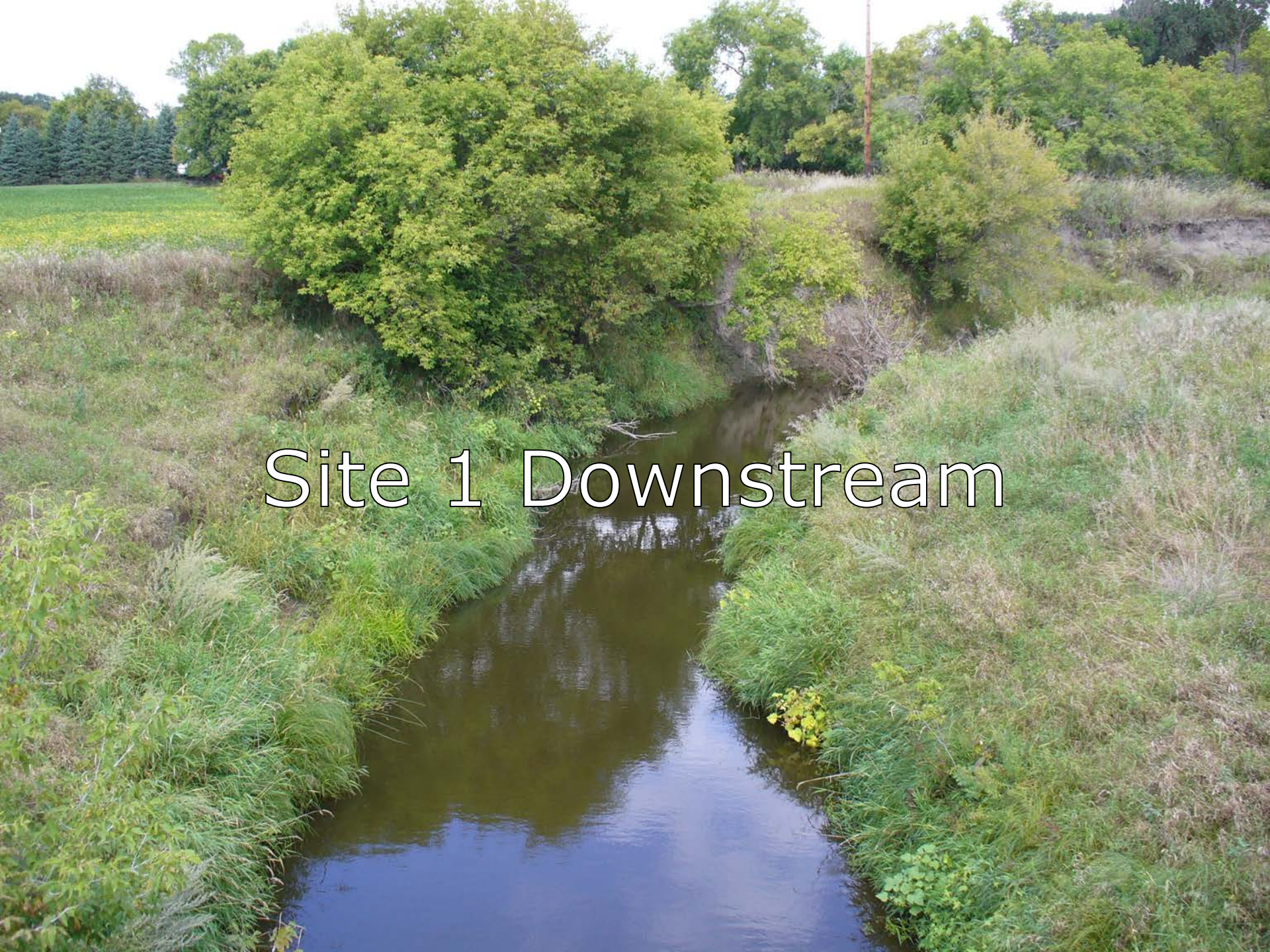
Equipment


YSI incorporated
Prairie Waters #2
YSI
Environmental Monitoring Systems
600XL
Multi-Parameter
Water Quality Monitor

Equipment



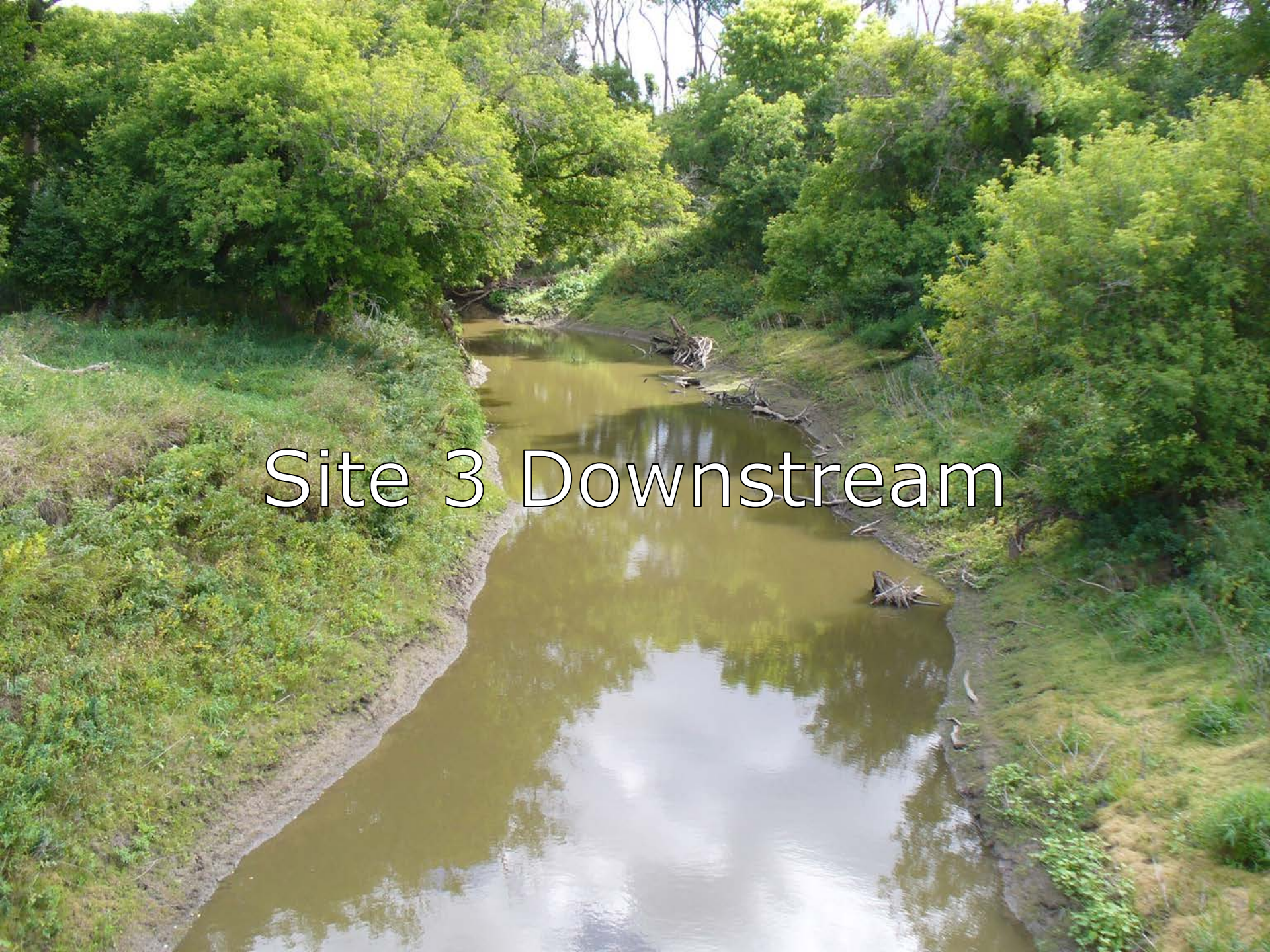

Site 1 Upstream


Site 1 Downstream


Site 2 Upstream


Site 2 Downstream

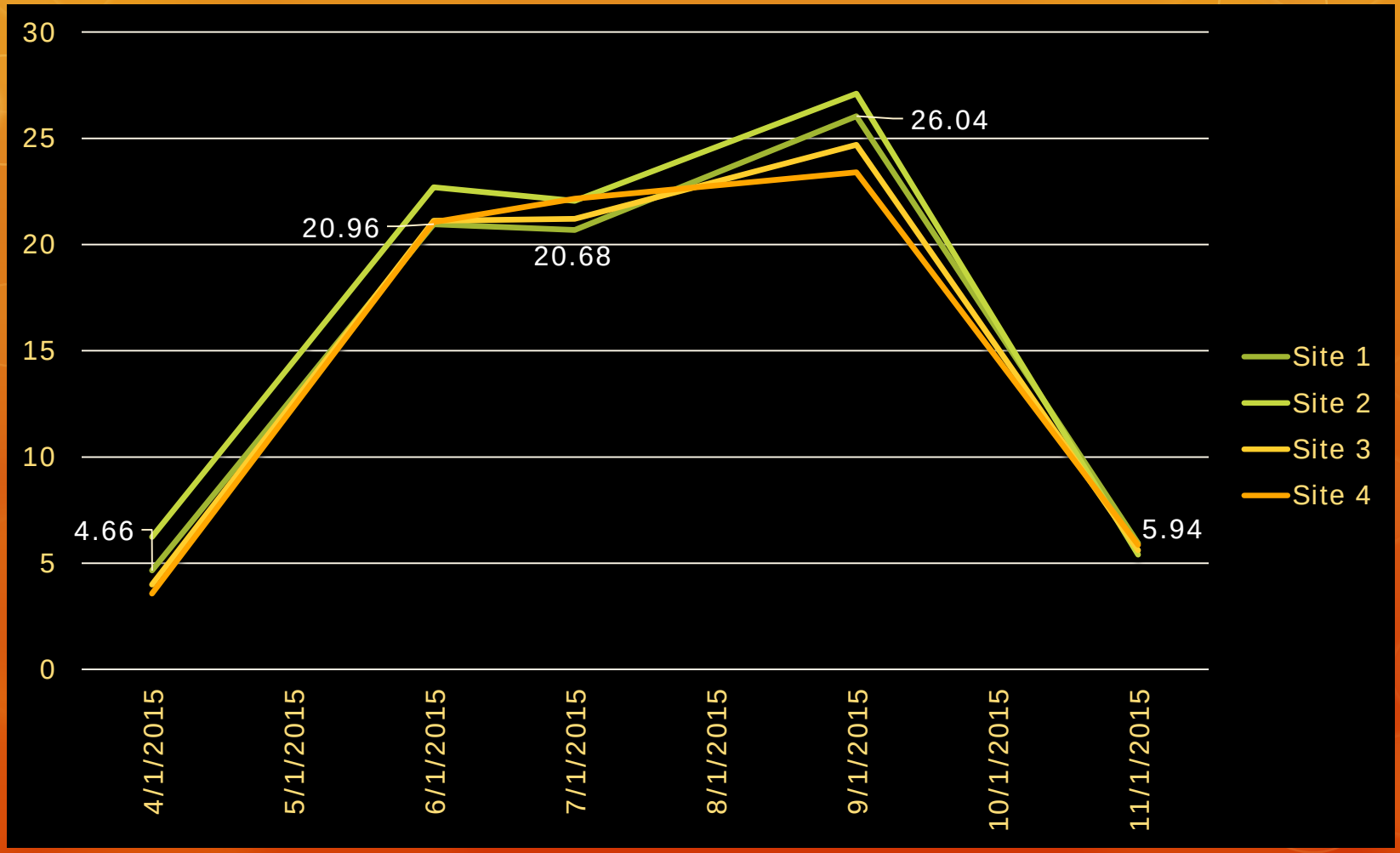

Site 3 Upstream


Site 3 Downstream

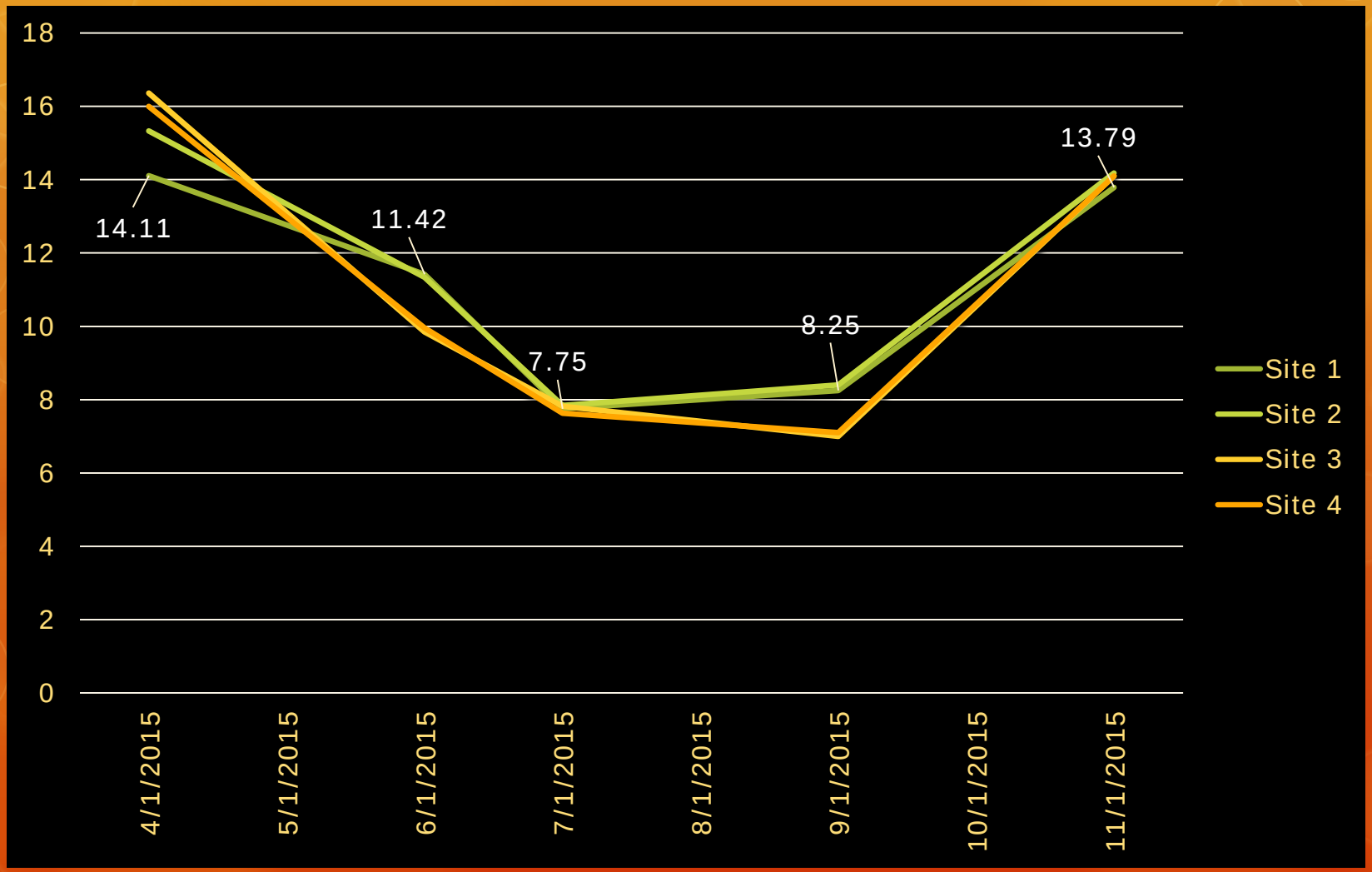

Site 4 Upstream


Site 4 Downstream

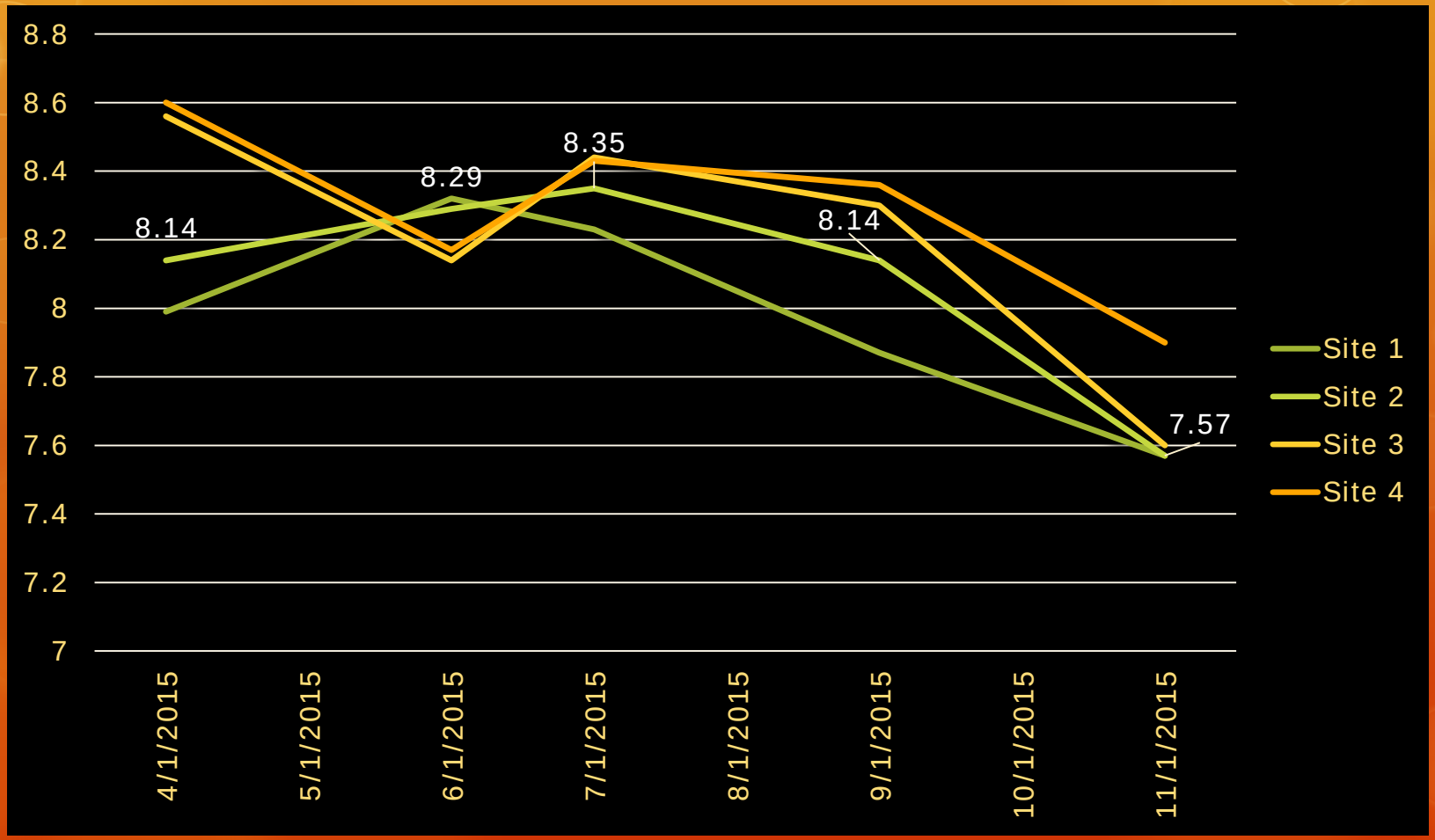
Temperature (Degrees Celsius)



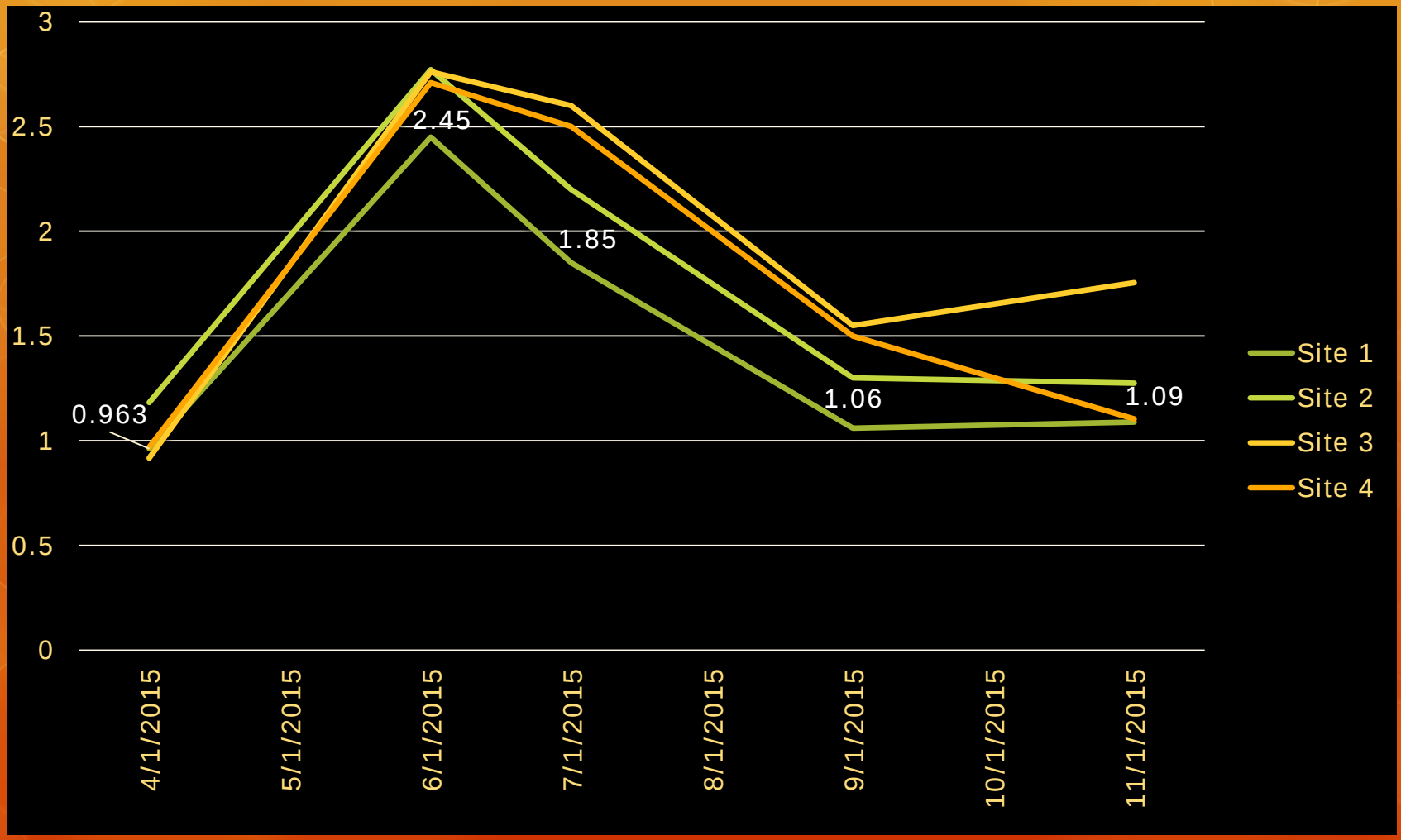
Dissolved Oxygen (mg/L)



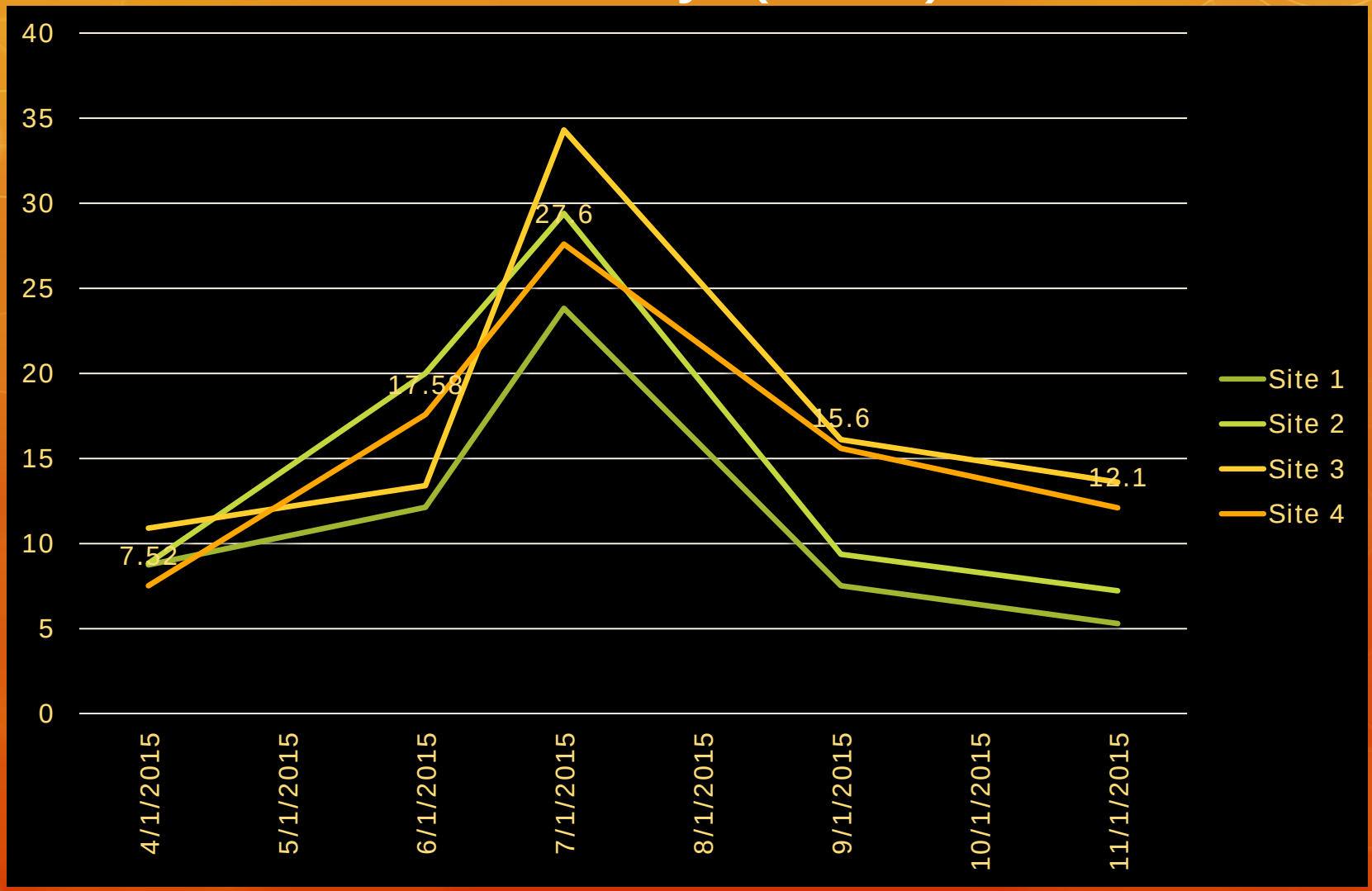
pH


8.8
8.6
8.4
8.2
8
7.8
7.6
7.4
7.2
7
8.14
8.29
8.35
8.14
7.57
4/1/2015
5/1/2015
6/1/2015
7/1/2015
8/1/2015
9/1/2015
10/1/2015
11/1/2015
Site 1
Site 2
Site 3
Site 4

Specific Conductivity (mS/cm)



Turbidity (NTU)



Summary

- We tested four sites along the Goose River in East Central North Dakota.
- Each of our sites has unique features to it, whether it be a beaver dam or a barnyard, that give us varied results from site to site.
- Our findings from the tests show that the river has stayed relatively consistent with past results.
- All of this leads us to believe that the Goose River is a healthy prairie stream.


Are There Any Questions?