



Northern Perspectives on Automated Monitoring

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Automated Monitoring:

Three Projects that illustrate challenges faced in the north

- Wolf Ck Research Basin
 - Keno Hill Dye Study
- Icy Waters Nutrient Study



Wolf Ck: Hydrolab installation within a hydrological research basin





Challenges

- remote (access by ATV, or snowmobile)



Challenges

What does this do?

- Lack of technical support (e.g. communications specialists)



Keno Hill Dye Study







Upper Seep

Lower seep



Rhodamine WT





Icy Waters Nutrient Study



The Basics: warm, secure, power





All weather, adjustable



Cold weather obstacles





What's Next in Yukon?



Questions?

