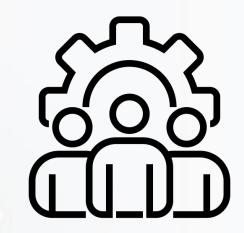




Founded In

1946



200+

Team Members







Conference representatives: Ashley Kaba, Carley Knox, Shawn Ternan, Claire Rethoret, Derek McKeown 5 Brands











5750 Customers









(^)Allnorth

















5 Locations





Hoskin Scientific Departments



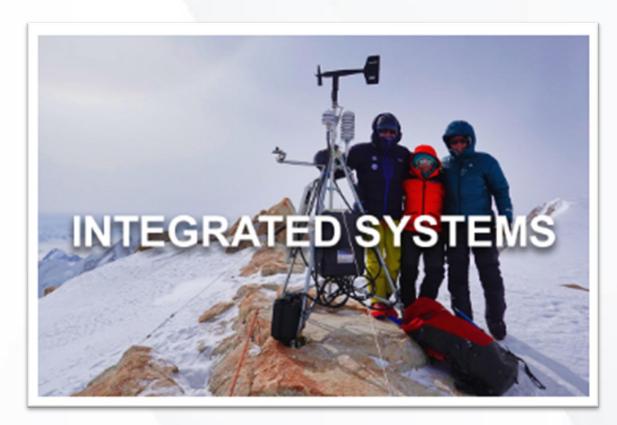
Sampling & monitoring of air, water & soil for the environmental, agricultural, mining & forestry markets.



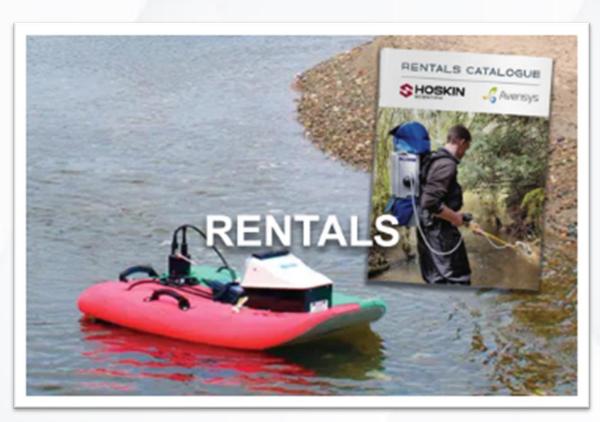
Materials & product testing for soil, asphalt, petroleum, concrete, mining, cement, & research



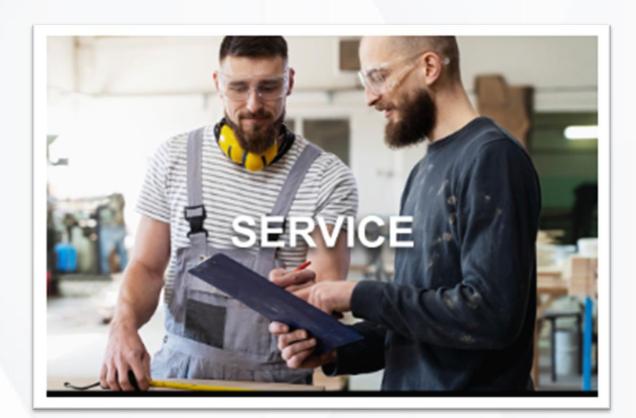
Sensors, transducers & instrumentation for manufacturing, research & factory automation.



Real-Time Remote Data using: Radio, Cellular, Satellite. Multiple parameters from any location.



A wide range of instrumentation: water quality, portable gas monitors, soil sampling instruments.



Test, calibrate, and repair. Technicians are factory-trained to meet the needs of customers.





Hoskin Scientific Environmental

Sampling and monitoring instruments for air, water and soil for the environmental, agricultural, mining & forestry markets











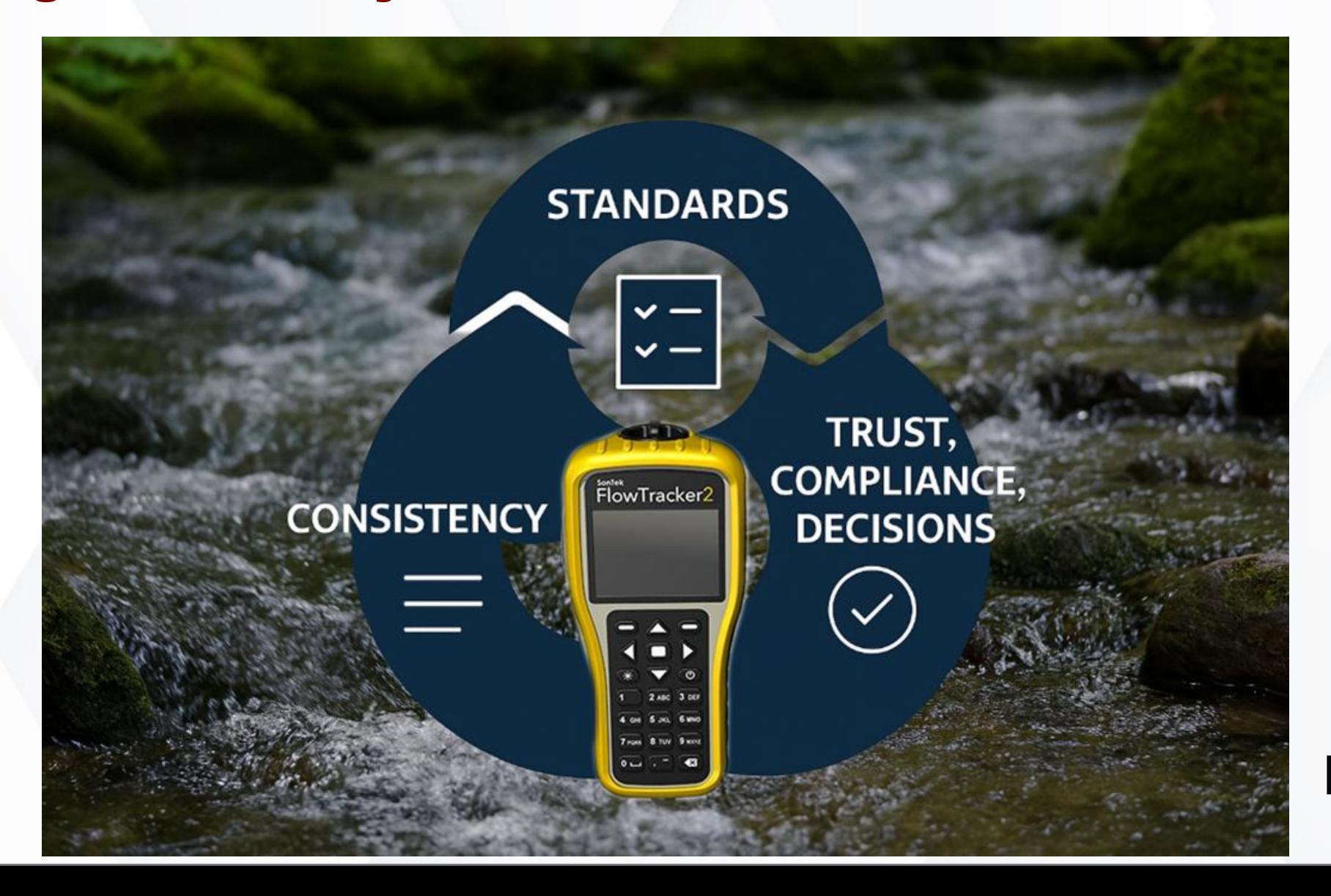


- Water Quality
- Surface Water Hydrology
- Groundwater & Remediation
- Coastal & Oceanographic
- Limnology & Fisheries Equipment
- Soil Science
- Wildlife Acoustic Monitoring
- Plant Science
- Data Acquisition, Loggers & Software
- Air Quality
- Meteorology & Weather Monitoring
- General Laboratory





Raising the Bar: Why Standards Matter







Canadian Standards Landscapes

Water Survey of Canada (WSC)

- National standard used across all provinces
- Equivalent to USGS in the U.S.

BC RISC

- Provincial standard
- Adopted due to industry demand and changes within the Provinces Hydrometric Division (forestry, mining, hydro, fisheries)
- Provides multi-disciplinary coverage



Government of Canada

Gouvernement du Canada









Why RISC Standards Exists in BC

- "Resources Information Standards Committee"
- First RISC Manual 1998
- Updated 2018 to include data grading and focus on instrumentation
- Same playbook across industry and government



Test day with BC Ministry

Manual of British Columbia Hydrometric Standards

Prepared by

Ministry of Environment and Climate Change Strategy Knowledge Management Branch

for the Resources Information Standards Committee



Not just a salesperson!



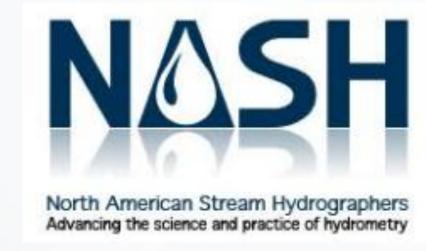


Supporting Organization

- NASH North American Stream Hydrographers
- Promoters of FlowTracker2's



NASH – Introduction of Surfbee



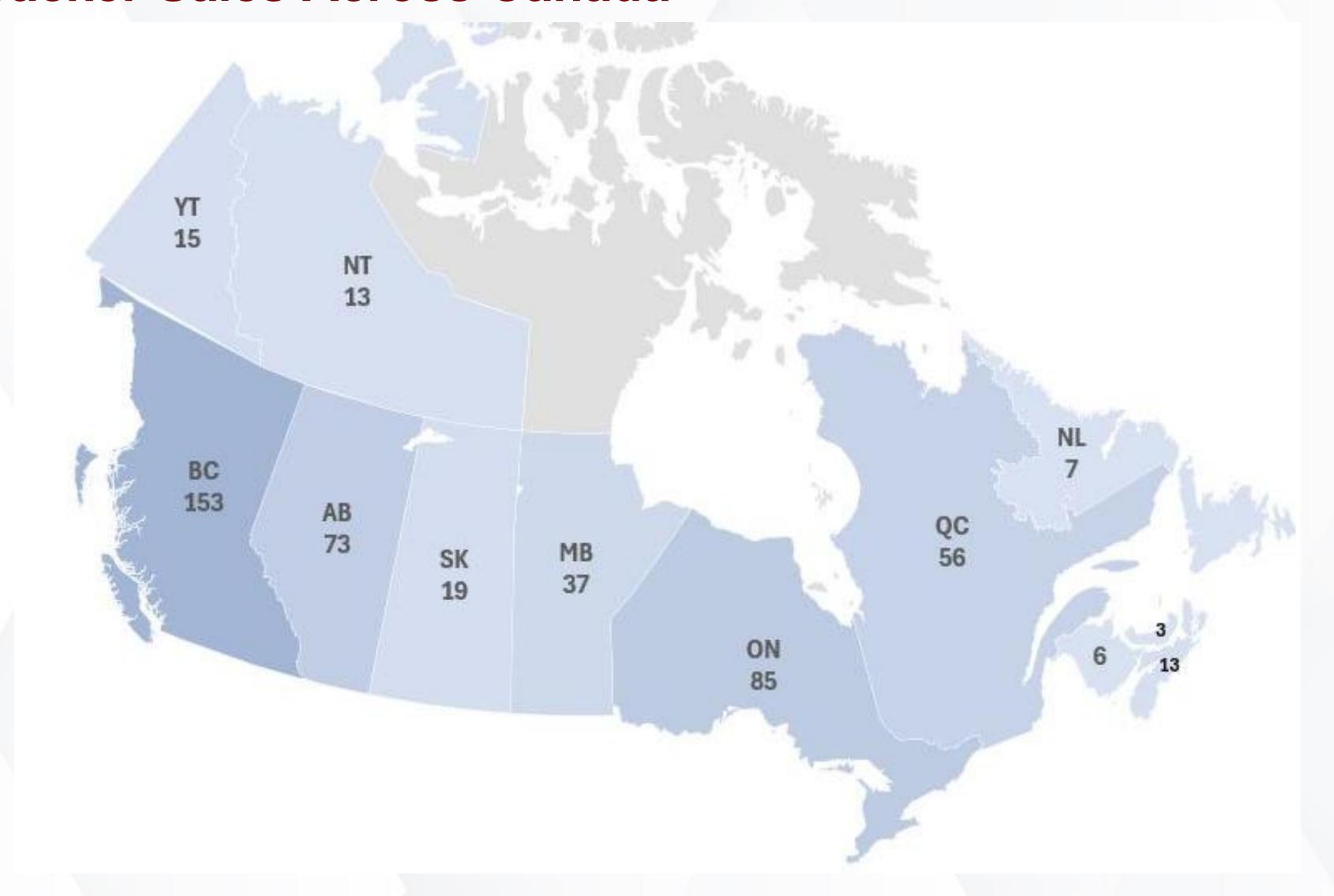
PREVIOUS EVENTS

Event	Date
Introduction to Hydrometric Monitoring and Flow Regatta, Halifax, NS	June 18 & 22, 2023
Flow Regatta Training Event, Lethbridge, AB	July 12, 2023
ADCP Training Event, Richmond, BC	October, 2023
Salt Dilution Hydrometric Workshop, Kelowna, BC	March 12, 2024
Intro to Hydrometrics and Flow Regatta, Saskatoon, SK	June 20-21, 2024





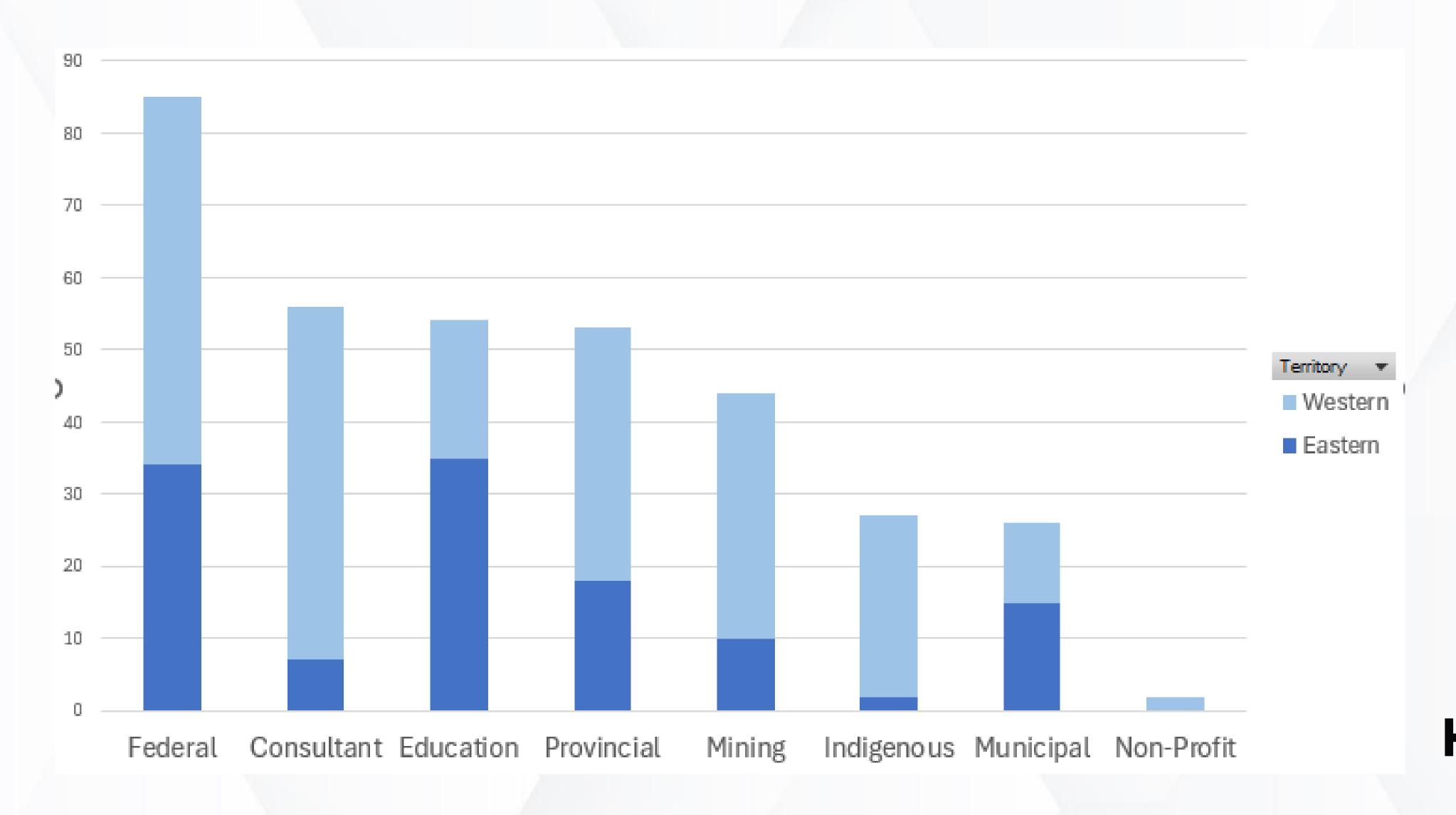
FlowTracker Sales Across Canada







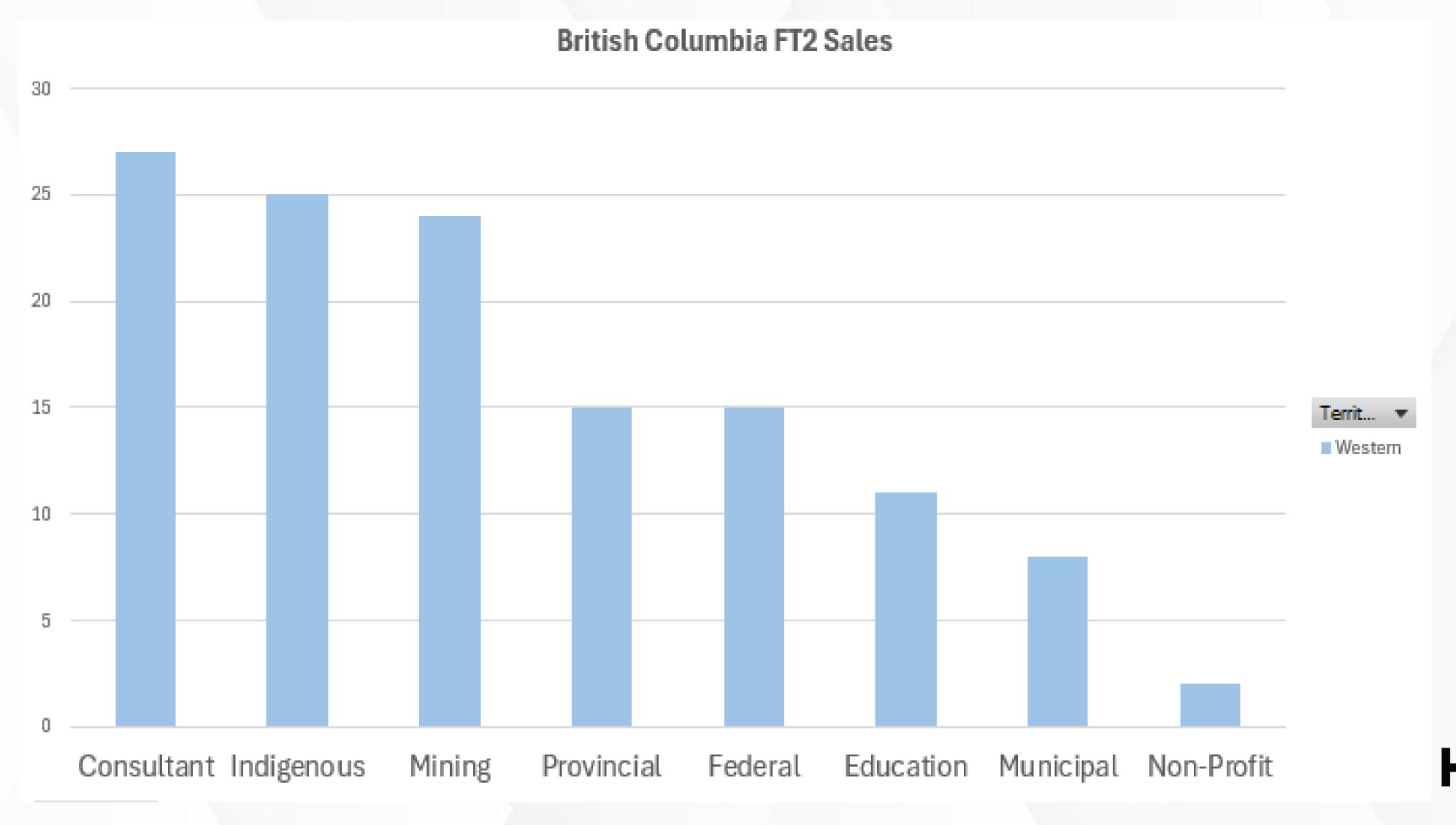
FlowTracker Sales By Industry: Western vs. Eastern







FlowTracker Sales By Industry: British Columbia







Success Story: From Swoffer to FlowTracker2





Education

Educated on RISC & new technology



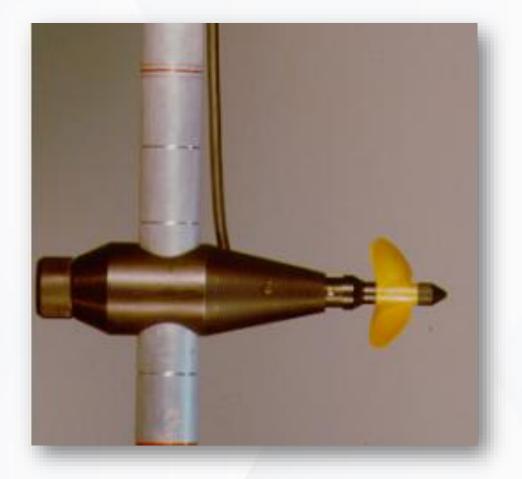
Adoption

Client adopts FlowTracker2



Outcome

Higher accuracy, built-in QA/QC, defensible reporting. Meets RISC Standards











The EM Meter Challenge

Electromagnetic (EM)

- Measures induced voltage
- Accuracy highly dependent on conductivity below 200µS/cm, BC waters between 10-25 µS/cm
- No built-in QC → higher risk of false confidence

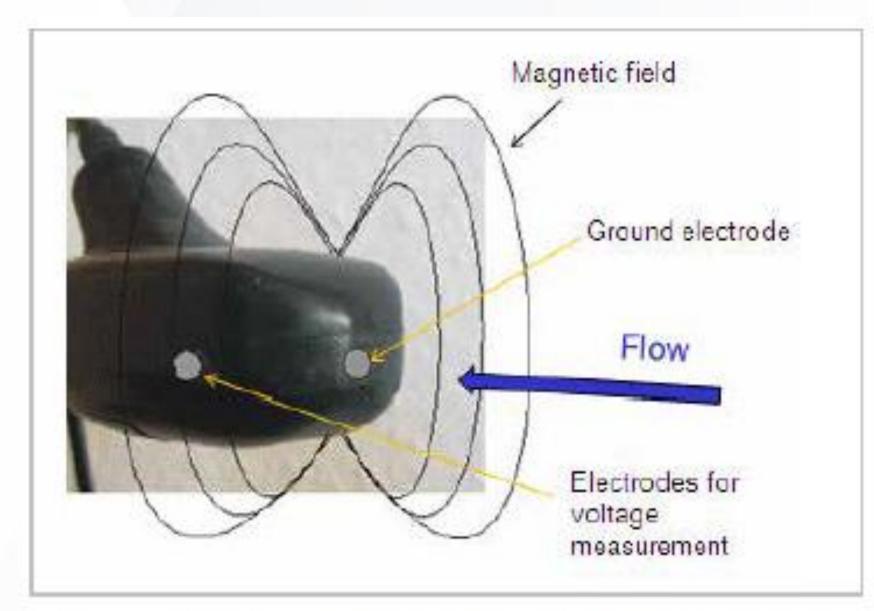


Figure 1. MF pro sensor illustrating magnetic field and position of electrodes used for measuring voltage.

FlowTracker2 (Acoustic Doppler)

- Uses sound waves (not conductivitydependent)
- Able to measure in more pristine conditions
- Built-in QC features ensure data confidence

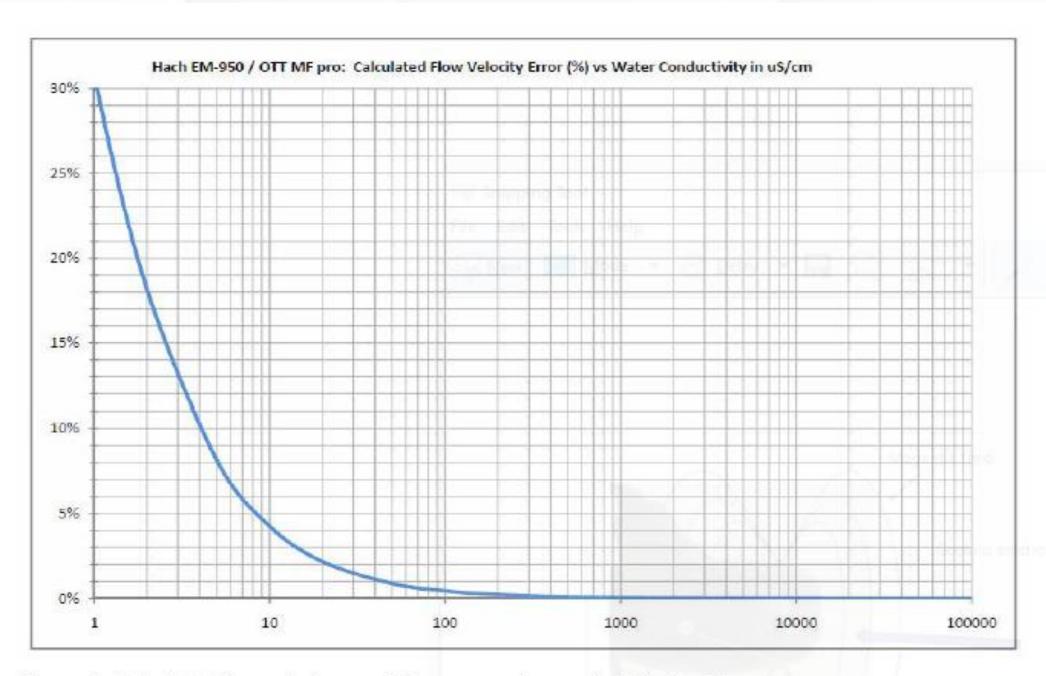


Figure 3. Calculated flow velocity error (%) versus water conductivity in μS/cm.



Looking Ahead: Surfbee

- Reliant, repeatable measurements
- Ease of operation
- Bathymetry Opportunities
- Ease of transportation



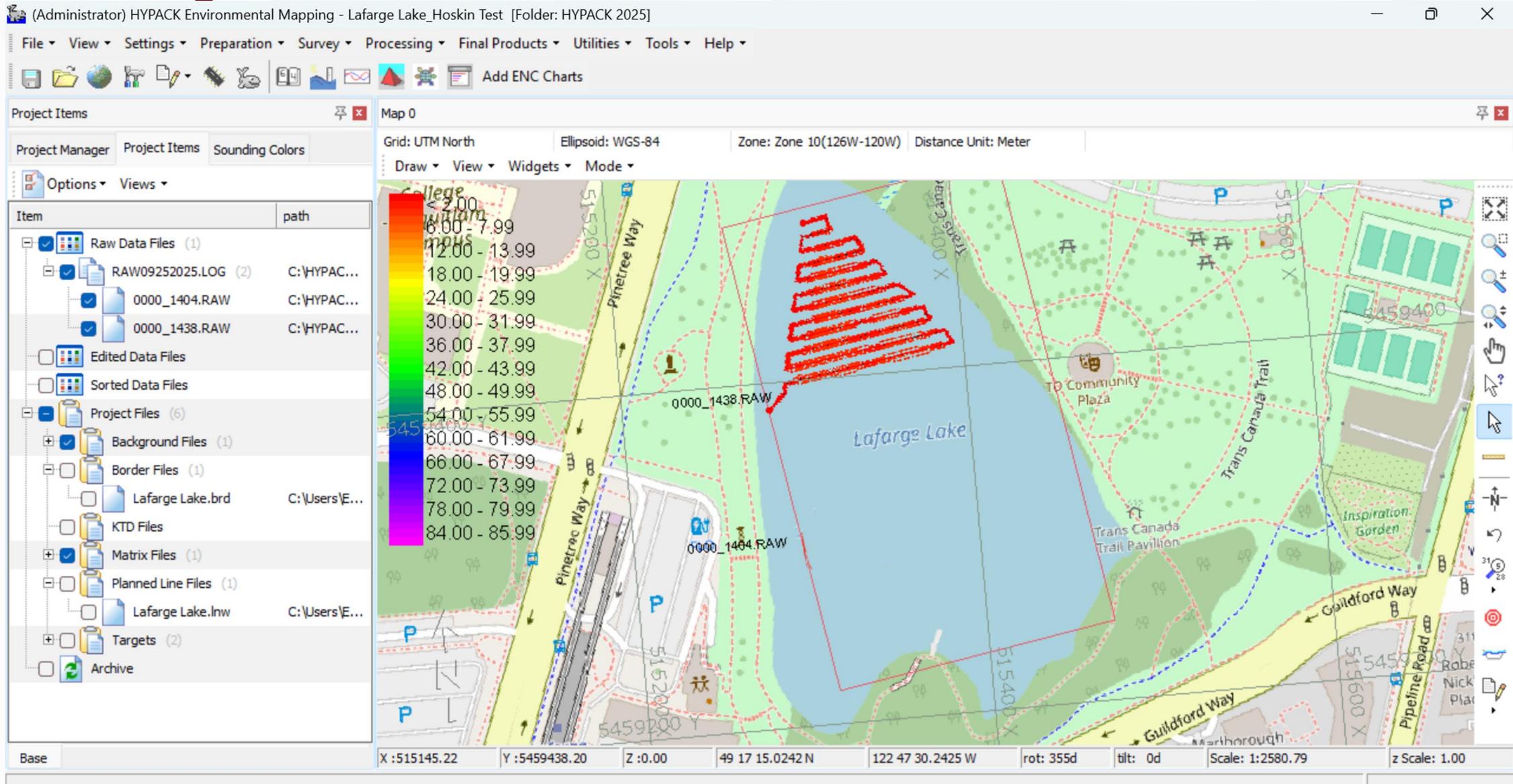








Looking Ahead: Surfbee + SonTek





Closing: Raising the Bar Together

Stronger Together:

- Building Trust.
- Driving Accuracy.
- Creating Opportunities.



Hoskin Scientific, Xylem Inc., and our dealer partners deliver consistent, reliable solutions for better results.







