Rowan Poliquin Shaw

Hydrologic Technician · Stream Monitoring

hydrologic-technician@example.test · Fredericton, Canada

Experience

2022-03 – Present **Hydrologic Technician**
East Alder Watershed Services

- Maintained water-level recorders and collected discharge measurements. Logged changes in channel conditions and escalated suspected shifts for hydrologist review.
- Reduced unresolved telemetry gaps from 22 to 8 across comparable monthly reporting cycles by introducing scheduled transmission checks.
- Reconciled 31 field visits with station records and linked notes and photographs to proposed data corrections.

2019-06 – 2022-02 **Water Monitoring Assistant**
Wren Basin Field Research

- Prepared loggers for deployment, checked timestamps and documented sensor swaps against the station register.
- Flagged ice effects and missing readings in winter records for technical review before data publication.

Projects

2025 **Spring network readiness**

Checked 14 monitoring stations before seasonal high flows. Tested telemetry and prepared a register of access constraints for the field coordinator.

Summary

Hydrologic technician maintaining stream gauges and reviewing monitoring records. Documents uncertain measurements and site access limitations so hydrologists can interpret each series appropriately.

Education

2019 **Diploma in Environmental Technology**
Marsh Birch Technical College

Skills

Water-level stations · Discharge measurements · Telemetry checks · Data quality review

Languages English · French