



Date (yyyy-mm-dd): _____ - _____ - _____

Sample Time (24 hrs): _____

Site Name ID: _____

Waterbody Name: _____

Technician(s): _____

Meter Type(s) (circle): **Hanna** **YSI Pro** **YSI 63/550A** **YSI 650** Meter ID(s) #: _____

Calibration Data

pH Calibration (YSI 63, YSI Pro, YSI 650, and Hanna) pH 7 and 10 need to be within 0.1 of buffer values, if not **RECALIBRATE!**

pH 7 Buffer Reading: _____ pH 10 Buffer Reading: _____

pH 7 Buffer Temperature (°C): _____ pH 10 Buffer Temperature (°C): _____

Dissolved Oxygen (DO) Calibration (YSI Pro, YSI 650, 550A)

Barometric Pressure (inHg or kPa): _____ DO Reading (%) Saturation: _____

In US, visit www.weather.gov for air pressure in inHg.

DO % needs to be between 95 - 105%, if not **RECALIBRATE!**

In Canada, visit www.weather.gc.ca for air pressure in kPa.

DO Reading (mg/L): _____

Conductivity Calibration (YSI 63, YSI 650, Hanna)

Conductivity Standard Used (µS/cm): _____ Conductivity Solution Temperature (°C): _____

Conductivity Reading (µS/cm): _____

Field Data

pH: _____ Air Temperature (°C): _____ Latitude: _____

Dissolved Oxygen (%): _____ Water Temperature (°C): _____ Longitude: _____

Dissolved Oxygen (mg/L): _____ Ice Thickness (cm): _____ Elevation (m): _____

Conductivity (µS/cm): _____

Sample Collection Checklist

Parameters	Anions big plastic bottle	Cations tall, thin plastic bottle	Nutrients small plastic bottle	Nutrients small amber glass bottle	DOC large amber bottle	Isotopes tiny glass vial
Samples Collected (check)						

Did you enter your field measurements into FieldScope at yukon.fieldscope.org/v3/? (circle) **YES** **NO**

Did you take photos and email them to YRITWC at science@yritwc.org? (circle) **YES** **NO**

Did you take duplicates? (circle) **YES** **NO** Did you take field blanks? (circle) **YES** **NO**

RIVER AND WEATHER

Weather conditions now (circle): overcast / clear / partly cloudy / cloudy • heavy / steady / intermittent rain • calm / breezy / windy

Weather in past 24 hours (circle): overcast / clear / partly cloudy / cloudy • heavy / steady / intermittent rain • calm / breezy / windy

Sample location (circle): mid-channel / bank / other • riffle / pool / eddy

Flow description (circle): < 19 L (5 gal) per second / > 19 L (5 gal) per second / under ice

Water clarity (circle): clear / cloudy (greater than 4" visibility) / murky (less than 4" visibility)

Site odor (circle): none / fresh algae / chlorine / rotten eggs / sewage / other:

Other (circle): litter / foams or suds / oily sheen / algae and/or aquatic plants

Anything different happening with the river since the last sample (flooding, erosion, flow change)?

How does the river height compare to two weeks ago?

How does the river height compare to this time last year?

Anything noteworthy happening with the weather?

WILDLIFE

Any specific concerns the YRITWC should know about wildlife?

Any noteworthy wildlife or fish species traveling through your community or nearby?

CONTAMINANTS

Has anything occurred since the last sampling that might have affected the water quality at your site?

Is there any *other* site that your community wants monitored? Please explain why you're concerned...

OTHER

Anything else interesting? Please write your comments or observations...

Are there any issues with this sample that we should know about?