

Special Provision

(To be included in all projects requiring instream work activity)

SPE_020

Turbidity Monitoring

General

The Contractor is responsible for all sampling and testing of Total Suspended Solids (TSS) as per Environment and Protected Areas' (EPA; formerly Alberta Environment and Parks) [Turbidity Monitoring for In-stream Construction Activities](#).

The Consultant shall be afforded full access to facilities for random quality assurance inspection. The results of the Consultant's quality assurance testing will serve to monitor the Contractor's quality control program.

Sampling Frequency

The sampling frequency shall be in accordance with the requirements set out in Table 1. For Isolated Construction Activities, when sample results have not exceeded 5 mg/L above background levels for five consecutive active construction days, the sampling frequency shall be directed by the Consultant.

Notification Requirements

In addition to the requirements outlined in *Turbidity Monitoring for In-stream Construction Activities*, the Contractor shall:

- notify the Consultant 48 hours (2 calendar days) prior to the start of any instream construction activity; and
- in the event that any measurement is over the maximum allowable increase (Table 3) or an Accidental Occurrence, the Contractor shall immediately notify the Consultant for each exceedance.

Record Keeping

The weekly summary report shall be provided to the Consultant, and upon completion of the construction activities, a final report containing all sampling and testing data shall be sent to the Consultant.

Payment

Payment for sampling, testing, and reporting of TSS for Instream Construction Activity and Isolated Construction Activity will be made at the unit price bid per day for 'Total Suspended Solids (TSS) Testing', for each day that testing is mandated. Payment will be full compensation for all testing as required to establish the linear relationship between TSS and Nephelometric Turbidity Units (NTU) as well as for each 24-hour period; including labour, equipment, tools, and incidentals necessary to complete the work to the satisfaction of the Consultant.

All costs associated with sampling, testing, and reporting of TSS associated with Accidental Occurrences will be considered incidental to the Work, and no separate or additional payment will be made.