

**From:** "Scott Lopison" <sloptson@mcelhanney.com>  
**To:** <Tom.Olafson@westfraser.com>  
**Date:** 8/19/2004 11:06:09 AM  
**Subject:** Cheslaslie River Bridge

Tom,

To follow up our telephone conversation, ongoing monitoring of the Cheslaslie River Bridge Campside Abutment in May indicated measurements of 2 1/4" upstream and 2 5/8" downstream at a temperature of approximately 6 degrees celsius. Subsequent measurements on August 17, 2004 indicated measurements of 2 1/2" upstream and 2 1 1/16" downstream at a temperature of approximately 15 degrees celsius.

It is our opinion that these readings are not significantly different to require another site visit at this time, but we recommend monthly monitoring until we can determine if the movements are progressing or are simply seasonal variations. An increase in ambient temperatures would cause the bridge girders to expand which could cause an increase in the measurements since the measurements are being recorded between the timber sills and the creek face of the abutment (see attached photo).

Please pass on the monthly readings to me as they are recorded.

If you have any questions, contact me at (250) 635-7163. I am working out of the Terrace office until December when I will return to Smithers.

Sincerely,

McElhanney Consulting Services Ltd.

Scott Lopison, P.Eng.  
Project Engineer  
sloptson@mcelhanney.com

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**CC:** "Jason Paquette" <jpaquette@mcelhanney.com>

AUGUST 19, 2004.

- PHONED SCOTT LOUSTON P ENG  
Project Engineer with McElhenny  
Consulting Services Ltd -  
phone number 250-635-7163.

- Advised Scott of The change  
in abutment measurement on ~~CHP~~  
(EAST SIDE) Advised him that

May 31/04

2' 1/4"

2' 5/8"

August 17/04

2' 3/8"

upstream

2' 11/16"

downstream.

- Scott advised that bridge  
should still be off for traffic  
to go across. Should monitor bridge  
once per month and provide  
measurements to him by email.
- Scott will send email ~~at~~ stating  
what he said over the phone.
- I gave him my email address.  
Tom. Olfson@westfraser.ca,