

**From:** Whitehouse, Timber  
**Sent:** Friday, November 10, 2006 3:53 PM  
**To:** Benner, Keri <BennerK@pac.dfo-mpo.gc.ca>; Welch, Paul <WelchP@pac.dfo-mpo.gc.ca>  
**Subject:** FW: Cultus Diagnostic Update  
**Attach:** 06115 2006160 Cultus Lake Sockeye Nov06.doc

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-----Original Message-----

**From:** Kalnin, Lanny  
**Sent:** November 10, 2006 2:45 PM  
**To:** Whitehouse, Timber  
**Subject:** FW: Cultus Diagnostic Update

FYI.

Information on the samples from Cultus Sockeye last week.

Lanny

-----Original Message-----

**From:** Patterson, David  
**Sent:** November 10, 2006 2:25 PM  
**To:** Patterson, David; Grant, Sue; Peters, Ken; Hume, Jeremy; Barnetson, Stuart; Barnes, David; Bradford, Mike; Schubert, Neil; Kalnin, Lanny; Tovey, Christine  
**Cc:** Westby, Carl; Bennett, William  
**Subject:** Cultus Diagnostic Update

Hello

The virus results came back negative and bacterial problems were only evident in two of the fish.

Carl has sent out the latest histology report from Bill Bennett.

I have attached the file.

The bottom line is that all of the fish sampled were indeed very sick, and a number of organs had pathologies that were consistent across all 10 fish sampled; Kidney (Parvicapsula), Liver - chronic infection, Gills, and Heart. The combination of which is consistent with the moribund state of the fish.

There are still a few questions surrounding some gill histology results, but that is being investigated.

Enjoy the report.

Thanks Carl and Bill for getting this done quickly.

David

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