

To: Mark Rowlands,
Fraser Valley Regional District

From: R. Gerath / D. Smith

MEMORANDUM

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November 10, 2003

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ADDENDUM TO THURBER ENGINEERING REPORT ON DEBRIS FLOOD AT 35900 DALE ROAD, HATZIC VALLEY DATED NOVEMBER 7, 2003

This memo corrects statements made in the above report based on information provided by Mr. Barry Eastman of the BC Ministry of Transportation who sought information from the road maintenance contractor who attended to drainage problems on Sylvester Road near the residence at 35900 Dale Road. The contractor was mentioned in Section 1.1 of our report.

We are advised that the contractor noted that the Dale Creek culvert beneath Sylvester Road was not plugged as we assumed in Section 1.1 nor was the culvert replaced as we stated in the final paragraph of Section 1.1. The original concrete culvert is still in place.

We are also advised that ditch water and sediment that crossed Sylvester Road originated on the private property south of Dale Creek, directly above the east side of Sylvester Road. The maintenance contractor was engaged in controlling this water and sediment just prior to the partial washout of the road. We understand that the maintenance work required removal of debris that plugged the culvert at the east property's driveway entrance adjacent to Sylvester Road. It also required deepening the ditch to Dale Creek after the driveway culvert was removed.

We understand that the contractor had temporarily left the site to attend to other emergencies when the road washed out. Therefore, we are not sure of the exact sequence of events that led to the debris flood on the lower property. However, the contractor notes that Dale Creek has no history of debris or flood problems affecting Sylvester Road. He believes the creek played no role in the debris flood at 35900 Dale Road other than to supplement the discharge of water and debris that originated on the property east of and above Sylvester Road.

Although we have made several points of clarification above, we believe that the precautionary recommendations given in Section 3 of our report should apply until Dale Creek and its tributary ditch systems are evaluated in more detail by a creek hydraulics engineer.

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R. F. Gerath
November 10
2003