

**From:** [Chal Martin](#)  
**To:** [LornaEllestad](#); [Albert Liou](#)  
**Cc:** [Dan Berentson](#)  
**Subject:** Changed hydraulic model?  
**Date:** Thursday, December 17, 2009 11:07:54 AM

---

Lorna, I am looking at our Burlington maps, and comparing them to the Corps' work product submittal to FEMA back in 2008, after the Flo-2d issues were sorted out, and after Ted adjusted the hydrology for the USGS historic floods, and adjusted his peak to one-day flow ratios. What I am seeing, is base flood elevations 1-2 feet higher than the previous output – about 1 foot higher generally on the east side of town, to 2 feet higher on the west side, closer to the freeway. For example, the previous version had the Cascade Mall at 34.5 feet. Now that is 36.7 feet. The first floor level of the mall is 31 feet.

I read through the written report last night, and of course there is additional information I would like to see. But generally, the hydrology numbers are what I expected – that is, no change (well, like a thousand cfs or so, I am not sure what that's about) from Ted's previous submittal.

So. . . Looks like the hydraulic model changed? Got any info on that? Thanks Chal

**Chal A. Martin, P.E.**  
Public Works Director / City Engineer  
City of Burlington  
833 South Spruce Street  
Burlington, WA 98233  
(360) 755-9715 Office (360) 755-0783 FAX  
[cmartin@ci.burlington.wa.us](mailto:cmartin@ci.burlington.wa.us)

*CONFIDENTIALITY NOTICE: The information in the E-Mail message and any attachment(s) is privileged and confidential. It is intended only for the use of the recipient above named. If you have received this message in error, please note that any review, dissemination, distribution or copying of this communication is prohibited. In addition, please reply to this communication so that we can avoid any inadvertent messages to you in the future.*

*Despite the Uniform Electronic Transactions Act or the application of any other law of similar substance or effect, in the absence of an express statement to the contrary in this e-mail message, this e-mail message, its contents and any attachments, are not intended to represent an offer or acceptance to enter into a contract and are not otherwise intended to bind the sender of this e-mail message or any other person.*