BettaSpinelli

From: JohnCooper
Sent: Thursday, May 02, 2013 8:00 AM
To: BettaSpinelli
Subject: FW: Shoreline Substantial Development Application PL12-0191

Betta, I received this yesterday at 4:30. I think it was intended to have gone to the hearing examiner as a comment for the Dike District 12's proposal, PL12-0191.

John Cooper, LG, LHg
Senior Natural Resource Planner/Geologist
Skagit County Planning and Development Services
1800 Continental Place
Mount Vernon, WA 98273
johnc@co.skagit.wa.us
360-336-9410 ext 5962

From: Chal Martin [mailto:Chal.Martin@ci.bremerton.wa.us]
Sent: Wednesday, May 01, 2013 4:30 PM
To: JohnCooper
Cc: teetime4lorna@hotmail.com; briand@ci.burlington.wa.us; Margaret Fleek
Subject: Shoreline Substantial Development Application PL12-0191

Dear Mr. Cooper,

As Burlington's City Engineer during the development phase of this proposal, I wanted to provide a couple of comments I hope the County finds useful.

The proposed work to beef up the levee in its existing footprint was engineered pursuant to extensive geotechnical analysis, as well as extensive hydraulic modeling. I expect all of this information has been submitted as part of the record for this application. It is significant that this project does not propose to add any upstream length to the existing levee. This is significant because the flood modeling shows that if the levee's northwest terminus does not change, then there is no significant impact on upstream water surface levels compared to the existing condition. That's because the existing levee tops are already largely at the 100-year flood elevation, as shown by the hydraulic modeling. So long as the levees hold, there would only be (relatively minor) overtopping, primarily in the segment just north of the railroad bridge. So raising the levees by about three feet only provides a factor of safety – it does not hold back any additional water which would impact the upstream water surface levels for the 100-year event.

However, if the levee is extended further upstream, the hydraulic modeling shows an impact because this makes it harder for water to leave the system in the Sterling area. The City of Burlington was aware of this and so in partnership with the Dike District, did not suggest this approach, recognizing its regional ramifications. Extending the levees further, or not, is an issue better addressed in the GI study. But this project does not extend the levees upstream.

Thanks for this opportunity to comment.

Chal A. Martin, P.E.
Director, Public Works and Utilities Department
City of Bremerton
(360) 473-5315 / (360) 473-5018 fax

HEARING EXAMINER
EXHIBIT 29

chal.martin@ci.bremerton.wa.us

& 29

XFINITY Connect

wickdufford@comcast.net

± Font Size -

FW: Shoreline Substantial Development Application PL12-0191

From : BettaSpinelli <bettas@co.skagit.wa.us>

Thu, May 02, 2013 08:07 AM

Subject : FW: Shoreline Substantial Development Application PL12-0191

To : 1Wick <wickdufford@comcast.net>

Hi Wick,
I got this from John Cooper this morning. It appears to be after the seven days for additional comments but that is your call.
Thank you.
Betta

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