

VandenBerghe, Alissa (Consultant)

From: Grotefendt, Amy (Consultant)
Sent: Friday, January 30, 2009 10:32 AM
To: Van Ness, Kristy (Consultant); Lenz, KaDeena (Consultant); harveyparker@compuserve.com; Preedy, Matt; Reilly, John; White, John
Subject: RE: Escape and ventilation buildings
Attachments: spc.gif

I haven't gotten any feedback yet from Harvey or John so have drafted a proposed very general response below -- please review and send me comments back by 3 p.m. today so this can go out before the weekend. It's now been over two weeks since we got this so we really need to get something back to John.

Thanks

John --

My apologies for the delay in responding to you. The design of the tunnel is in the very early stages. This means that we don't yet have specific information about the number and location of ventilation structures and emergency exits. This information depends on the specifications of the tunnel ventilation system and modeling of how air quality and flow can best be managed in the tunnel. We also are considering the best options for ventilating the tunnel in the dense urban and residential environment of downtown Seattle, including looking to recent national and international projects. Our plans right now call for two at least two ventilation structures at the north and south portals.

We are also working with the city and county on the best way to involve the downtown neighborhoods in the design of the portals and other tunnel elements. We know regular involvement in the process will result in a better design that balances the community's interests with operating the tunnel.

We will be in touch in the next month to talk with you about our public involvement plans as well as our latest thinking on ventilation and emergency access. In the meantime, if you have any questions please contact me at 206-464-1221.

Thank you,
Ron

From: Paananen, Ron [mailto:PaananR@wsdot.wa.gov]
Sent: Tuesday, January 13, 2009 3:00 PM
To: White, John; Amy Grotefendt
Subject: Fw: Escape and ventilation buildings

From: John Pehrson
To: Paananen, Ron
Sent: Tue Jan 13 14:45:51 2009
Subject: Escape and ventilation buildings
Ron,

I'm assuming the deep bored single tunnel will require one or more personnel escape paths and ventilation buildings. Do you know about where these need to be located? What is the general size and environmental

impact?

John Pehrson
206-441-9913

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