

**Boerke, Elizabeth**

Newhalem Penstock Saddle Replacement Project erosion control failure1 message

Luchessa, Scott <Scott.Luchessa@seattle.gov>
To: "Boerke, Elizabeth" Hugh Anthony
Cc: "Williams, Lisa" "Lorkowski, Tim" "McShane, Colleen"

Tue, Feb 28, 2017 at 5:36 PM

Hi Elly and Hugh,

Today I returned from a week of vacation to learn that there was a small slump on the east side of the penstock and saddles 21, 22, and 23 following a rain on snow event or events, which was detected in an inspection conducted on February 22. The eroded sediment was reportedly fully contained within the excavations completed for the cast-in-place saddles and none reached the ephemeral stream. Attached are several photographs taken on February 22 showing the nature of the slump and earth flow into the excavations for the new saddles. Note the lack of any sediment deposition in the area of the ephemeral stream (image 100_5802). City Light is in the process of developing and implementing a shoring plan as part of corrective measures to prevent additional erosion and sedimentation around the penstock in this vicinity. Sediment deposited in the excavations will be removed and disposed of offsite. Corrective action taken to date includes extending visqueen sheeting farther upslope to the east to cover exposed soils. These and other erosion control BMPs implemented as part of the CESSCP are continuing to be monitored closely and additional corrective actions will be taken as may be necessary. I will call Elly tomorrow a.m. sometime to follow up on this email.

Best,

Scott

SCOTT LUCHESSA | SENIOR ENVIRONMENTAL ANALYST
HYDRO LICENSING AND NATURAL RESOURCES DIVISION



5 attachments



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1805K



100_5807.JPG
2903K



100_5808.JPG
1878K



100_5809.JPG
1822K



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