From:	Hee, Shauna M -FS
To:	Montgomery, Andrew - FS
Cc:	Forbes, Peter R -FS
Subject:	Ice Caves Boardwalk Replacement Project: Botany
Date:	Wednesday, November 29, 2017 3:16:11 PM
Attachments:	image001.png image002.png image003.png image004.png

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Hi Andrew –

The Ice Caves Boardwalk Replacement Project was surveyed for botany Species of Concern and high priority invasive plants on May 19, 2015. No Species of Concern or high priority invasive plants were found within the project's area of impact.

In addition, the adjacent historic occurrence of the R6 Sensitive species *Fritillaria camchatensis* was monitored. The occurrence once occurred approximately 15-feet from the southern end of the boardwalk but has not been relocated during any of the last three monitoring visits (2013, 2015, and 2017). There is no suitable habitat for the species within the Ice Caves Boardwalk area of impact.

The project would have no impact to R6 Sensitive species or suitable habitat.

The project would be consistent with the Forest Plan, as amended, if the following two management requirements are met:

> B1 - Actions conducted or authorized by written permit by the Forest Service that will operate outside the limits of the road prism (including public works and service contracts), require the cleaning of all heavy equipment (bulldozers, skidders, graders, backhoes, dump trucks, etc.) prior to entering National Forest System Lands. Equipment should be free of all dirt, mud, and plant parts.
>
> B2 - Suppliers must provide documentation indicating that the following products have been examined by a qualified inspector and deemed free of State listed noxious weeds:
>
> - Straw or other Mulch
> - Gravel, Rock, or other fill
> - Seeds (according to AOSA standards)

Let me know if you have any questions or need any additional information.

-Shauna

Shauna Hee
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