



Klein, Kimberly <kimberly\_klein@fws.gov>

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## Re: Snow Removal

2 messages

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**Putnam, Christopher** <christopher\_putnam@fws.gov>

Fri, Dec 16, 2016 at 3:56 PM

To: Beth Sharp <esharp@hilcorp.com>, "Klein, Kimberly" <kimberly\_klein@fws.gov>

Cc: Deborah Heebner <dheebner@hilcorp.com>

Hi Beth,

We have concerns about operating the more noisy equipment that close to the den. A distance of 400 ft is roughly 122 m. For comparison, the usual 1 mile no disturbance buffer is about 1,610 m or 5,280 ft. Keeping the back up alarm off and/or not backing up near the den is good, but we need to understand better how the snow management will actually be done. Using the snow push equipment closer the den and the other equipment farther away seems reasonable, under the circumstances. We need to discuss how far away that will be. How will the equipment travel past the den? In a convoy? Separately? How many trips?

Christopher Putnam  
Supervisory Fish and Wildlife Biologist  
Marine Mammals Management  
U.S. Fish & Wildlife Service  
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"All that is gold does not glitter, not all those who wander are lost; the old that is strong does not wither, deep roots are not reached by the frost."

-- J.R.R. Tolkien

On Fri, Dec 16, 2016 at 2:56 PM, Beth Sharp <esharp@hilcorp.com> wrote:

Hello Christopher – See Deb's email below. Let me know if this is acceptable. I will be away from my office for the next hour.

Thank you,

Beth

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**From:** Deborah Heebner

**Sent:** Friday, December 16, 2016 12:40 PM

**To:** Beth Sharp

**Subject:** RE: Photos of Snow Removal Equipment at Endicott

Beth,

I spoke with Tim Melville and he indicated they could turn the back-up alarm off or NOT back up in the area approaching the Polar Bear Den.

Tim also suggested they could use the quieter Snow Push Equipment in an area 400 feet on each side of the Polar Bear Den area. SO the total exclusion zone will be 800 feet in length along the roadway. He indicated that they would avoid cleaning snow in that area and only clean snow if they have big drifts that the security van cannot get through.

Let me know if you have any questions or additional followup.

Thanks,

Deborah Heebner | North Slope Environmental Specialist

PO Box 244027 | Anchorage, AK 99524-4027

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**From:** Deborah Heebner

**Sent:** Thursday, December 15, 2016 4:26 PM

**To:** Beth Sharp

**Subject:** Photos of Snow Removal Equipment at Endicott

Beth,

I talked to Tim Melville, the Lead with Roads and Pads at Endicott. He indicated that the Snow clearing equipment they propose to use to clear the approach to the bridges will sound like typical traffic on the bridge. The bridge is grated, so snow removal from the bridges is not necessary.

I have attached photos taken with my cell phone:

1. Endicott Snow Blower
2. Endicott CAT Blade
3. Endicott Volvo Snow Pusher.

They will not use the Endicott Snow Blower nor the Endicott CAT Blade for moving snow on the approaches to the bridge as they are the noisier pieces of equipment. The snow blower is a Mercedes engine. The Endicott Volvo Snow Pusher will push the snow drifts only from the existing snow packed road.

Let me know if you have any questions.

Thanks,

Deborah Heebner | North Slope Environmental Specialist

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**Beth Sharp** <esharp@hilcorp.com>

Fri, Dec 16, 2016 at 5:27 PM

To: "Putnam, Christopher" <christopher\_putnam@fws.gov>, "Klein, Kimberly" <kimberly\_klein@fws.gov>

Cc: Deborah Heebner <dheebner@hilcorp.com>

Thanks Christopher. I will work with Deb and R&P on this and let you know what we come up with.

-Beth

**From:** Putnam, Christopher [mailto:[christopher\\_putnam@fws.gov](mailto:christopher_putnam@fws.gov)]

**Sent:** Friday, December 16, 2016 3:57 PM

**To:** Beth Sharp; Klein, Kimberly

**Cc:** Deborah Heebner

**Subject:** Re: Snow Removal

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