

From: [Evenson, Joseph R \(DFW\)](#)
To: [Thomas, Sue](#)
Cc: [Spragens, Kyle A \(DFW\)](#); [Hamer, Matthew D \(DFW\)](#)
Subject: RE: [EXTERNAL] RE: Aquaculture permit on Dungeness NWR - ? W High Arctic Brant
Date: Tuesday, March 27, 2018 2:16:44 PM
Importance: High

Thanks Sue-

What type of aquaculture is it? It seems the parcel buffer overlaps one of the big Brant haul-out areas. Brant can be selective on where they haul out and I would think that increased vessel activity there could affect their use of that haul out site, or at least be a source of disturbance. Regarding Scoters, it will take me some time to put together observations within the spit. I doubt I have time to map them over the next day.

I have CC'd Matt Hamer to this email – Matt would you have time to quantify scoter observations from within the spit at Dungeness? Perhaps a map of scoter observations and if we have counts over the past 5-10 years. If you don't have time that is OK too.

I would think that creating a conflict within a NWR that would result in depredation permits would be counter to the mission of the NWR's.

Thanks,
-Joe

From: Thomas, Sue [mailto:sue_thomas@fws.gov]
Sent: Tuesday, March 27, 2018 2:04 PM
To: Evenson, Joseph R (DFW) <Joseph.Evenson@dfw.wa.gov>
Cc: Spragens, Kyle A (DFW) <Kyle.Spragens@dfw.wa.gov>
Subject: Re: [EXTERNAL] RE: Aquaculture permit on Dungeness NWR - ? W High Arctic Brant

Hi Joe and Kyle,

The aquaculture area is in the attached map - 75-150,000 bags in 34 ac. The larger area would extend to either Three Crabs or Grays Marsh in the second clip. Anita and I spoke about 3 Crabs, but Ulrich used the Gray's Marsh extent in his paper on Brant abundance. I thought midwinter totals from your flights would sum it up best, but if you are short on time, I really need any info you can give on the Western High Arctic stock. I remember seeing somewhere that a small portion of Brant on the refuge were from that stock, but there is just no way I'll be able to track that down in a day... I'm also addressing scoters because I'm concerned that they will be hazed or shot for depredation and are on the SWAP as SGCN. I usually see ~20-100 on any given Mid-Winter survey, but if you have info that I can use to justify not granting a depredation permit, that would help.

Thanks!
Sue

Sue Thomas

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On Tue, Mar 27, 2018 at 12:57 PM, Evenson, Joseph R (DFW)
<Joseph.Evenson@dfw.wa.gov> wrote:

Hi Sue-

Do you have a map of the location? I don't have any reports documenting Brant use of the refuge or surrounding area myself. We do have data though from the PSEMP winter flights as well as they aerial survey conducted this year of the area for Brant. Were you interested in data for other species as well? I have CC'd Kyle to this so he could chime in.

Thanks,
-Joe

Joe Evenson

Waterfowl Survey and Sea Duck Specialist

Washington Department of Fish & Wildlife
360-790-8691
Joseph.evenson@dfw.wa.gov

From: Thomas, Sue [mailto:sue_thomas@fws.gov]
Sent: Monday, March 26, 2018 4:44 PM
To: Evenson, Joseph R (DFW) <Joseph.Evenson@dfw.wa.gov>
Subject: Aquaculture permit on Dungeness NWR - ? W High Arctic Brant

Hi Joe,

We are responding to an aquaculture permit managed by Clallam Co and the State (DNR) on ~34 acres within the highest Brant foraging area on the refuge. Since 2010, I've only counted up to 3,000 Brant on the refuge, but that was all that I could really see with a scope from the spit. Do you have any reports that could help document use of the larger area? Also, I have not tried to sort out the proportion of Western High Arctic Brant in Dungeness Bay. Have you?

Sorry, if I had time, I could try to ferret this out for myself, but I have two days to compile info for all sp and I know that you are a good go-to guy for this type of info if you are around. .. Anything you might have would help (e.g. a report already submitted?)...

Thanks for anything you can share,
Sue

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