

From: [Thomas, Sue](#)
To: [Anita McMillan](#); [Spragens, Kyle A \(DFW\)](#)
Cc: [BrownScott, Jennifer](#)
Subject: Dungeness Basin-wide counts?
Date: Monday, February 11, 2019 2:47:20 PM

Hi there,

The Jamestown S'klallam Tribe's aquaculture permit to farm on Dungeness NWR is now under the Army Corp purview and we are assembling comments on the affects to Refuge wildlife.

One of the key pieces of info I am missing is how refuge counts for waterfowl compare to basin-wide counts. I've got averages provided in the annual instructions/priorities memo, but average counts really understate use in the basin due to movement year-to-year from weather, disturbance, predation, etc. Anita, you had kindly shared 2016 raw data and I was able to pull out Dungeness Basin sites, but one year doesn't provide the range of movement we see. So, I'm back, hat in hand to see if you can share more raw data. I've been compiling refuge data from 2010-2018 for Total Dabbling Ducks, Brant & Total Waterfowl. Any chance you could send totals for those categories for 2010-2018? I'd be happy to sort through raw data to compile for Dungeness Basin if you have it that way still. If you don't have time, can you share whatever you have for 2014? That would at least give me two points of comparison (2014 - high refuge count vs 2016 high basin-wide count as far as I can see). Even if you can provide county or state wide totals for that time frame, that would give me something use. Any help would be most appreciated!

Thanks and hope you are both enjoying the snow!
Sue

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