

**From:** [Thomas, Sue](#)  
**To:** [McMillan, Anita K \(DFW\)](#)  
**Subject:** Re: [EXTERNAL] RE: Dungeness Basin-wide counts?  
**Date:** Tuesday, March 19, 2019 11:17:44 AM

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Great Anita! Thank you :)

Sue

Sue Thomas  
Wildlife Biologist  
Washington Maritime NWRC  
715 Holgerson Rd  
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On Tue, Mar 19, 2019 at 8:43 AM McMillan, Anita K (DFW)  
<[Anita.McMillan@dfw.wa.gov](mailto:Anita.McMillan@dfw.wa.gov)> wrote:

Much more realistic. Let's plan on it.

**From:** Thomas, Sue <[sue\\_thomas@fws.gov](mailto:sue_thomas@fws.gov)>  
**Sent:** Monday, March 18, 2019 8:57 AM  
**To:** McMillan, Anita K (DFW) <[Anita.McMillan@dfw.wa.gov](mailto:Anita.McMillan@dfw.wa.gov)>  
**Cc:** BrownScott, Jennifer <[jennifer\\_browns cott@fws.gov](mailto:jennifer_browns cott@fws.gov)>; Lorenz Sollmann  
<[lorenz\\_sollmann@fws.gov](mailto:lorenz_sollmann@fws.gov)>  
**Subject:** Re: [EXTERNAL] RE: Dungeness Basin-wide counts?

Hi Anita,

That sounds wonderful, but due to the shut down and working through the aquaculture permits, I'm months behind. Can we schedule something in the fall?

Sue

Sue Thomas  
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On Fri, Mar 15, 2019 at 11:04 AM McMillan, Anita K (DFW)  
<[Anita.McMillan@dfw.wa.gov](mailto:Anita.McMillan@dfw.wa.gov)> wrote:

Sue,

We are going to be creating some spatial data with the waterfowl habitat records (somehow incorporating the count data, although I'm going to let Kyle Spragens figure that all out). Maybe USFWS already has something that could be used as a template to work from. I was working on shapefiles of the areas we conduct counts and then I wanted to have that somehow linked with the counts or any abundance data we may have.

Kyle is really enjoyable to work with. Maybe a sit down meeting might be in order this spring to brainstorm how we can blend our efforts into a worthy product for population monitoring.

Anita

**From:** Thomas, Sue <[sue\\_thomas@fws.gov](mailto:sue_thomas@fws.gov)>  
**Sent:** Wednesday, March 13, 2019 9:25 AM  
**To:** McMillan, Anita K (DFW) <[Anita.McMillan@dfw.wa.gov](mailto:Anita.McMillan@dfw.wa.gov)>  
**Subject:** Re: [EXTERNAL] RE: Dungeness Basin-wide counts?

Fantastic! Thank you Anita. I'll squirrel this away. These types of requests come up every so once and a while, so its nice to have a few years. Now I have 2010 & 2016 :) Also attached is the late midwinter survey I did for 2019, for what its worth...

Hope you are doing well,

Sue

Sue Thomas

Wildlife Biologist

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On Tue, Mar 12, 2019 at 2:29 PM McMillan, Anita K (DFW)  
<[Anita.McMillan@dfw.wa.gov](mailto:Anita.McMillan@dfw.wa.gov)> wrote:

Here are the data forms for Jan 2010

**From:** Thomas, Sue <[sue\\_thomas@fws.gov](mailto:sue_thomas@fws.gov)>

**Sent:** Monday, February 11, 2019 2:47 PM

**To:** McMillan, Anita K (DFW) <[Anita.McMillan@dfw.wa.gov](mailto:Anita.McMillan@dfw.wa.gov)>; Spragens, Kyle A (DFW)  
<[Kyle.Spragens@dfw.wa.gov](mailto:Kyle.Spragens@dfw.wa.gov)>

**Cc:** BrownScott, Jennifer <[jennifer\\_brownscott@fws.gov](mailto:jennifer_brownscott@fws.gov)>

**Subject:** Dungeness Basin-wide counts?

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

Sue Thomas

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