

From: [BrownScott, Jennifer](#)
To: [Kilbride, Kevin](#)
Subject: Re: Initial Survey Instructions: DNWR Shoreline Survey
Date: Monday, April 26, 2021 1:40:34 PM

I hear and feel your frustration...

Sorry if while trying to simplify my response, I mischaracterized any portion of the I&M process. I appreciate the clarification you have provided and hope that the description was accurate enough to assist JST in understanding the limitations of the ISI and any survey data collected using it.

Hope you are having a marvelous Monday!

-jennifer

Jennifer Brown-Scott
Project Leader
Washington Maritime National Wildlife Refuge Complex
715 Holgerson Road
Sequim, WA 98382
(360) 457-8451
~~[Dungeness NWR](#)~[Protection Island NWR](#)~[San Juan Islands NWR](#)~[Copalis NWR](#)~[Flattery Rocks NWR](#)~[Quillayute Needles NWR](#)~~

From: Kilbride, kilb <kevin_kilbride@fws.gov>
Sent: Friday, April 23, 2021 7:03 AM
To: BrownScott, Jennifer <jennifer_brownScott@fws.gov>; Thomas, Sue <sue_thomas@fws.gov>; Loverti, Vanessa <vanessa_loverti@fws.gov>
Subject: Re: Initial Survey Instructions: DNWR Shoreline Survey
Hi, Jennifer:

Nicely done in framing the ISI for JST. ISI is an I&M Program derived term, but it simply means a draft protocol. So, an ISI is not a completely different/separate document than a site-specific protocol (SSP); it's just an early version of a refuge's protocol. In the I&M policy at Section 2.4B, it states that refuges "will use" approved protocols when conducting surveys on refuges. Because that's an unrealistic expectation especially at this point in time, we suggest ISI for "current" surveys. But, for surveys addressing high profile resource management issues, we should strive for approved protocols given this "will" statement in the I&M policy.

I tried to stop the bus on this and several other statements in the I&M policy, but I got run over and then backed over by HQ that was driving the bus. My apologies for my Paul Harvey

"rest of the story"....

Have a nice weekend.

Kevin Kilbride
US Fish and Wildlife Service
I&M Coordinator
Columbia Pacific Northwest (R9) & Pacific Islands (R12)
Branch of Refuge Biology
911 NE 11th Avenue
Portland, OR 97232
(503) 231-6176 (Phone)

From: BrownScott, Jennifer <jennifer_brownScott@fws.gov>
Sent: Thursday, April 22, 2021 3:49 PM
To: Kilbride, kilb <kevin_kilbride@fws.gov>; Thomas, Sue <sue_thomas@fws.gov>; Lovern, Vanessa <vanessa_loverti@fws.gov>
Subject: Fw: Initial Survey Instructions: DNWR Shoreline Survey
FYI: Here's the email we sent to JST along with the Initial Survey Instructions that they requested.

Hope you are all having a delightful day.

-jennifer

Jennifer Brown-Scott
Project Leader
Washington Maritime National Wildlife Refuge Complex
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Sequim, WA 98382
(360) 457-8451
~~[Dungeness NWR](#)~[Protection Island NWR](#)~[San Juan Islands NWR](#)~[Copalis NWR](#)~[Flattery Rocks NWR](#)~[Quillayute Needles NWR](#)~~

From: BrownScott, Jennifer
Sent: Thursday, April 22, 2021 3:47 PM
To: Sissi Bruch <sbruch@jamestowntribe.org>

Subject: Initial Survey Instructions: DNWR Shoreline Survey

Sissi,

Please find attached the Initial Survey Instructions (ISI) for the Dungeness National Wildlife Refuge Shoreline Survey. These standard operating procedures guide reconnaissance and Level 1 monitoring/surveys conducted to collect diversity and abundance of wintering wildlife within the survey area, for use in oil spill response. Level 1 represents a less intensive or robust type of survey, and as a result, does not provide statistically based results.

Surveys were conducted in 2014 and 2015 and covered a small portion of the proposed aquaculture lease area. Incidental observation of disturbance vectors were noted, but the survey was not intended to identify the quantity, magnitude, or duration of overall impacts from disturbance. The initial survey instructions do not identify the desired magnitude of detectable change, acceptable error rate or appropriate area as would be necessary to statistically determine disturbance impacts, because disturbance data collection was not the focus of this survey.

I hope this description provides a better understanding of the purpose and limitations of the monitoring associated with the ISI. As we discussed during our last meeting, a research project with a BACI design may be an appropriate way to collect scientific information needed for assessing the effects of aquaculture activities on species you have selected to monitor.

Hope your day is going well.

-jennifer

Jennifer Brown-Scott

Project Leader

Washington Maritime National Wildlife Refuge Complex

715 Holgerson Road

Sequim, WA 98382

(360) 457-8451

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