

**From:** [Ralph Riccio](#)  
**To:** [Raymond, Anan](#); [BrownScott, Jennifer](#)  
**Cc:** [gwessen@aol.com](mailto:gwessen@aol.com); [David Brownell](#)  
**Subject:** RE: Eelgrass Survey maps  
**Date:** Tuesday, September 27, 2016 4:09:25 PM  
**Importance:** High

---

Hello Anan,

Thanks for getting this to me. I am forwarding this email to our Cultural Representative and to the contracted surveyor.

Just a question, if we are providing this report to the Army Corps, is it still necessary to go through the SHPO? Or is it the same?

Thank you.

Ralph

**From:** Raymond, Anan [mailto:anan\_raymond@fws.gov]  
**Sent:** Tuesday, September 27, 2016 2:42 PM  
**To:** BrownScott, Jennifer <jennifer\_brownscott@fws.gov>  
**Cc:** Ralph Riccio <rriccio@jamestowntribe.org>  
**Subject:** Re: Eelgrass Survey maps

Hello Ralph,

The Washington DAHP website provides all the forms and info you need.

<http://www.dahp.wa.gov/compliance-archaeological-resources-2>

However, FWS is responsible for compliance with Section 106 of the NHPA, therefore you should send your completed report, meeting all SHPO requirements, to us. We will forward the material to SHPO with a determination of effect.

Thank you,

-Anan

On Tue, Sep 27, 2016 at 12:09 PM, BrownScott, Jennifer <[jennifer\\_brownscott@fws.gov](mailto:jennifer_brownscott@fws.gov)> wrote:

State Historic Preservation Officer. I will need to do some research to figure out who the correct person would be in the SHPOs office.

-jennifer

---

Jennifer Brown-Scott  
Refuge Manager  
Washington Maritime NWRC  
715 Holgerson Rd  
Sequim, WA 98382  
office: (360) 457-8451 ext.22  
fax: (360) 457-9778

~~Dungeness NWR~Protection Island NWR~San Juan Islands NWR~~

~~Copalis NWR~Flattery Rocks NWR~Quillayute Needles NWR~~

On Tue, Sep 27, 2016 at 11:48 AM, Ralph Riccio <[rriccio@jamestowntribe.org](mailto:rriccio@jamestowntribe.org)> wrote:

Beautiful morning out there. Can you connect me with the SHPO representative? And what does that stand for?

Thank you.

Ralph

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

**Sent:** Monday, September 26, 2016 1:47 PM

**To:** Ralph Riccio <[rriccio@jamestowntribe.org](mailto:rriccio@jamestowntribe.org)>

**Subject:** Re: Eelgrass Survey maps

The Region 1 Cultural Resource Office will be the folks working with ACE on any cultural resource questions. I think they will expect you to follow the SHPO's guidelines.

I will not be able to make it out there tomorrow. I wish you good weather and good tides.

-jennifer

---

Jennifer Brown-Scott

Refuge Manager

Washington Maritime NWRC

715 Holgerson Rd

Sequim, WA 98382

office: (360) 457-8451 ext.22

fax: (360) 457-9778

~~Dungeness NWR~Protection Island NWR~San Juan Islands NWR~~

~~Copolis NWR~Flattery Rocks NWR~Quillayute Needles NWR~~

On Mon, Sep 26, 2016 at 1:30 PM, Ralph Riccio <[rriccio@jamestowntribe.org](mailto:rriccio@jamestowntribe.org)> wrote:

This is great, thank you for getting me this today. The cultural surveyor and I will be out on the lease at 7:30am tomorrow. Please let me know if you would like to join. Do you have any special requirements on behalf of the USFWS regarding the 106 cultural review?

Ralph

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

**Sent:** Monday, September 26, 2016 1:11 PM

**To:** Ralph Riccio <[rriccio@jamestowntribe.org](mailto:rriccio@jamestowntribe.org)>

**Subject:** Fwd: Eelgrass Survey maps

I was actually at the River Festival on Friday partnering with NPS and USFS to get the fourth graders a special pass to public lands. It was a great day. Lorenz has been working with our GIS techs in Portland and has a map that is a bit more refined than the last version. There is still some more data cleanup that could make it even more accurate, but this gives us all a good idea of the areas where eelgrass is present.

Hope this helps inform your proposal.

-jennifer

----- Forwarded message -----

From: **Sollmann, Lorenz** <[lorenz\\_sollmann@fws.gov](mailto:lorenz_sollmann@fws.gov)>

Date: Mon, Sep 26, 2016 at 12:47 PM

Subject: Eelgrass Survey maps

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

Jennifer,

Here are the 2 maps, one with the track logs displayed the other without for a cleaner copy. Some comments about the maps:

- There are 2 track logs

displayed, one from each survey date

(7/1, 7/19). The 2 units were combined by date.

- There was a short glitch with capturing the track log on 7/1

The NE quarter the blank area along the boundary was actually walked. Also, in the same NE quarter there is a big empty area with no eelgrass or track log date. This area was walked by volunteers or staff without a GPS unit. These observers were walking between observers caring the GPS units. Additionally this area appeared to be the highest in elevation, therefore, the most time out of the water, and where a harder substrate exists with shell fragments.

- The 7/1 track line was from Ralph's GPS unit.
- The breakdown for the number of plants was to separate out the 1-2 just as hits for presence, but that the 3 and up would indicate the location of what our understanding of the ACOE definition considers as a stand alone

bed.

- A number of points were collected on both days with the same information.

Ones that were obviously duplicates were removed.

There certainly are many points very close to each other that could have been captured as a polygon during the survey. We were not making any determination if some of these points separated by less than a meter or so should be collected in a different way. If nothing else, the survey does inform us that when oyster production was active and there was no eelgrass stated to be present, that in the intervening closed years the eelgrass has come back.

Thanks,

Lorenz Sollmann

Deputy Project Leader

Washington Maritime National Wildlife Refuge Complex

715 Holgerson Rd. Sequim, WA 98382

360/457-8451 - fax 360/457-9778

--

Anan Raymond, Archaeologist, Regional Historic Preservation Officer  
Region 1 + Region 8 Cultural Resource Team  
US Fish and Wildlife Service  
20555 Gerda Lane, Sherwood, OR 97140  
phone:(503) 625-4377. fax:(503) 625-4887. cell:(503) 803-7913  
email: [anan\\_raymond@fws.gov](mailto:anan_raymond@fws.gov)