

**From:** [chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)  
**To:** [Downes, Scott G \(DFW\)](mailto:Downes, Scott G (DFW))  
**Cc:** [Kelly Bacon \(CD\)](mailto:Kelly Bacon (CD))  
**Subject:** RE: [FWD: RE: Site Visit]  
**Date:** Wednesday, December 2, 2020 12:47:02 PM  
**Attachments:** [StreamEnhancement3.pdf](#)

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Here is number 3 with requested OHWM & rough line of clearing as needed.  
Thanks  
Chris Immer

----- Original Message -----

Subject: RE: [FWD: RE: Site Visit]  
From: "Downes, Scott G (DFW)" <[Scott.Downes@dfw.wa.gov](mailto:Scott.Downes@dfw.wa.gov)>  
Date: Tue, December 01, 2020 8:42 am  
To: "[chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)" <[chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)>  
Cc: "Kelly (CD)" <[kelly.bacon.cd@co.kittitas.wa.us](mailto:kelly.bacon.cd@co.kittitas.wa.us)>

Chris,

Seems like you have most of the components needed for the work drawings. When you finish with county permitting and apply for the HPA, a couple of minor things our processing staff look for (so add to the final version of the drawing) are:

1. a callout where the Ordinary High Water Mark (OHWM) is, basically top of bank without flooding and
2. a rough line of clearing (a line of where you are resloping the bank).

I can't remember if I shared the link to apply for the HPA, but here it is. You would apply once you've gotten the SEPA determination from the county.

<https://wdfw.wa.gov/licenses/environmental/hpa>

***Scott Downes***

Fish & Wildlife Habitat Biologist  
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Region 3 Habitat Program  
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Office-509-457-9307  
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**From:** [chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net) <[chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)>  
**Sent:** Monday, November 30, 2020 10:55 AM  
**To:** Downes, Scott G (DFW) <[Scott.Downes@dfw.wa.gov](mailto:Scott.Downes@dfw.wa.gov)>  
**Cc:** Kelly (CD) <[kelly.bacon.cd@co.kittitas.wa.us](mailto:kelly.bacon.cd@co.kittitas.wa.us)>

**Subject:** RE: [FWD: RE: Site Visit]

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Scott, here is draft number 2 with more detail in blue ink. Per Kellys request I have started the SEPA process and am currently working on the second draft with her. The sooner I can move forward with you will enable me to provide the extra information she said is needed for the process. Thanks for your time and help once again. Hope you have had a great Thanks giving weekend.

Chris Immer

----- Original Message -----

Subject: RE: [FWD: RE: Site Visit]

From: "Downes, Scott G (DFW)" <[Scott.Downes@dfw.wa.gov](mailto:Scott.Downes@dfw.wa.gov)>

Date: Wed, September 30, 2020 10:12 am

To: "[chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)" <[chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)>

Cc: "Kelly (CD)" <[kelly.bacon.cd@co.kittitas.wa.us](mailto:kelly.bacon.cd@co.kittitas.wa.us)>

Chris,

Thanks for sending along. Apology for the delay in getting back to you. I think you've got the general concept going there. Would want to put some further details to the plan for it to be permit ready.

1. Describing how long the root wads are—I would think you'd probably want ~4-6 of the rootwad into the creek with at least 6-10 foot anchored on the bank.
2. The measurement of the work area. I think I remember when I was on site it was around 20-25 feet, so if proposing 3 rootwads, then rootwad about every 8 foot with plantings in between?
3. Are you doing any bank reshaping (laying the bank back-to a 2:1 slope). It isn't required, but might allow for setting the rootwads with the bank better and more planting room for the cuttings.

So, the concept is there, will want to refine for a version 2.0 for permitting. Hopefully this should give Kelly enough info to determine if this bank protection project would need any permits. If not, would just need an email from her stating it is exempt and then you'd load that into your HPA application when ready. I can help you with that application later this winter when you are ready and have heard from the county.

Scott

**Scott Downes**

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**From:** [chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)  
<[chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)>  
**Sent:** Sunday, September 20, 2020 5:44 PM  
**To:** Downes, Scott G (DFW) <[Scott.Downes@dfw.wa.gov](mailto:Scott.Downes@dfw.wa.gov)>  
**Cc:** Kelly (CD) <[kelly.bacon.cd@co.kittitas.wa.us](mailto:kelly.bacon.cd@co.kittitas.wa.us)>  
**Subject:** [FWD: RE: Site Visit]

Lets try it with the attachment.

----- Original Message -----

Subject: RE: Site Visit  
From: <[chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)>  
Date: Sun, September 20, 2020 5:42 pm  
To: "Downes, Scott G (DFW)" <[Scott.Downes@dfw.wa.gov](mailto:Scott.Downes@dfw.wa.gov)>, "Kelly Bacon (CD)" <[kelly.bacon.cd@co.kittitas.wa.us](mailto:kelly.bacon.cd@co.kittitas.wa.us)>

Scott here is my first draft of what I think you wanted. Kelly please let me know if this is what you need as well. I am starting to work on the JARPA as well. I may need a year to fill it all out! Thanks for the help folks.  
Chris Immer

----- Original Message -----

Subject: RE: Site Visit  
From: "Downes, Scott G (DFW)" <[Scott.Downes@dfw.wa.gov](mailto:Scott.Downes@dfw.wa.gov)>  
Date: Wed, September 09, 2020 1:04 pm  
To: "Kelly Bacon (CD)" <[kelly.bacon.cd@co.kittitas.wa.us](mailto:kelly.bacon.cd@co.kittitas.wa.us)>, "[chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)" <[chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)>

Does 10:00am on the 15<sup>th</sup> work?

Scott

***Scott Downes***

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**From:** Kelly Bacon (CD) <[kelly.bacon.cd@co.kittitas.wa.us](mailto:kelly.bacon.cd@co.kittitas.wa.us)>  
**Sent:** Wednesday, September 9, 2020 12:57 PM  
**To:** [chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)

**Cc:** Downes, Scott G (DFW)  
<[Scott.Downes@dfw.wa.gov](mailto:Scott.Downes@dfw.wa.gov)>  
**Subject:** RE: Site Visit

Good afternoon,

I can be available for a site visit on the morning of the 15<sup>th</sup>. Please let me know what time and I will meet you on site.

Thank you,

Kelly Bacon  
Planner I  
Kittitas County Community Development Services

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**From:** [chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)  
<[chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)>  
**Sent:** Wednesday, September 9, 2020 12:53 PM  
**To:** Downes, Scott G (DFW)  
<[Scott.Downes@dfw.wa.gov](mailto:Scott.Downes@dfw.wa.gov)>  
**Cc:** Kelly Bacon (CD)  
<[kelly.bacon.cd@co.kittitas.wa.us](mailto:kelly.bacon.cd@co.kittitas.wa.us)>  
**Subject:** RE: Site Visit

Scott, the 15 would be great. I will give due diligence on the info provided. I will also keep Kelly in the loop and provide whatever she may request. I have sent her a copy of this email as well. Thanks again for your help.  
Chris Immer

----- Original Message -----

Subject: RE: Site Visit  
From: "Downes, Scott G (DFW)"  
<[Scott.Downes@dfw.wa.gov](mailto:Scott.Downes@dfw.wa.gov)>  
Date: Wed, September 09, 2020 7:46 am  
To: "[chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)"  
<[chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)>  
Cc: "Kelly Bacon (CD)"  
<[kelly.bacon.cd@co.kittitas.wa.us](mailto:kelly.bacon.cd@co.kittitas.wa.us)>, Jeremy  
Johnston <[jeremy.johnston@co.kittitas.wa.us](mailto:jeremy.johnston@co.kittitas.wa.us)>

Chris,  
Thank you for the email and sorry I didn't get to your phone message sooner. I can do the 15<sup>th</sup> or morning of the 16<sup>th</sup>. Please let me know what time works for you.

We certainly can meet, just you and I, but since any of the work on your property is aligned with permitting you are working with the county on, it is really important that they are tied in.

We can work together to ensure a bank protection plan that could be approved under an HPA but that will all be predicated on your permits from the county. So, if the county can't make it on the 15<sup>th</sup> or morning of the 16<sup>th</sup>, we'll need to make sure the county is aware of what plans are proposed. Hopefully they can join us.

In advance of our visit, we'll need to work on a bioengineered bank protection plan and here is the link for our Integrated Streambank Protection Guidelines.

<https://wdfw.wa.gov/publications/00046>

Take a look through. Chapter 6 provides a good summary of techniques. I would suggest a barb, but you should be informed of the various types and make an informed decision. The intent of a barb would be using wood (and maybe some rock) to direct the main flows of the creek away from the bank that is right next to your home foundation. Things to think through:

1. That is likely to cause some higher flow pressure on the opposite bank. I can't remember if you own that or your neighbor does. If it is not owned by you would want to loop your neighbor in to ensure we are not doing unintended consequences.
2. Also shrubs and trees along the creek are the best for of bank stabilization. So, we'd want to ensure we aren't doing any clearing of vegetation on the opposite bank from your home and we'll want to get some shrubs (willow, dogwood) planted along the bank (in between the buried wood) to get some more stability.
3. Logs with root wads will need to either be buried (ideally) or anchored into the bank. Do you have enough room between your house and the creek. We would want

the rootwads to extend our to at least 1/3-1/2 way into the creek and you'll want probably at least 10 feet of the log either buried or anchored into your home bank.

***Scott Downes***

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**From:** [chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)

<[chrisimmer@islandchapel.net](mailto:chrisimmer@islandchapel.net)>

**Sent:** Tuesday, September 8, 2020

4:32 PM

**To:** Downes, Scott G (DFW)

<[Scott.Downes@dfw.wa.gov](mailto:Scott.Downes@dfw.wa.gov)>

**Subject:** Site Visit

Scott, I am awaiting a call from Kelly in regards to a on site visit. She did not know if she was allowed as 3PM today. She is going to check and let me know. I will be on site the 14 late afternoon 15th all day and ` 16 till 2. If any of those dates work for a site visit that would be great. I think we can proceed even without Kelly if that works for you. Thanks again for your help.

Chris Immer

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