

Heather Maiefski

Subject: RE: Ellsworth short plat, SEPA-2014-01967, Determination of Non-Significance

From: Karen Walter [mailto:KWalter@muckleshoot.nsn.us]
Sent: Thursday, April 09, 2015 6:07 PM
To: Tom W. Hardy; Heather Maiefski
Cc: Jeff Dendy; Matt Perkins; Steve Anderson (sanderson@ldccorp.com)
Subject: RE: Ellsworth short plat, SEPA-2014-01967, Determination of Non-Significance

Tom and Heather,
Thank you for responding. I can't read the scale on WT's rod to determine the width of the stream so if there is an actual physical measurement that would help. Also, please note that intermittent streams can be used by salmon (see attached paper) so that should not have been the sole basis for the non fish-bearing status.

Karen Walter
Watersheds and Land Use Team Leader

*Muckleshoot Indian Tribe Fisheries Division
Habitat Program
39015 172nd Ave SE
Auburn, WA 98092
253-876-3116*

From: Tom W. Hardy [mailto:TWHARDY@redmond.gov]
Sent: Wednesday, April 08, 2015 3:52 PM
To: Heather Maiefski; Karen Walter
Cc: Jeff Dendy; Matt Perkins; Steve Anderson (sanderson@ldccorp.com)
Subject: RE: Ellsworth short plat, SEPA-2014-01967, Determination of Non-Significance

Hi Karen,

Some upper reaches of Gun Club Creek are intermittent as determined by Washington Trout's 2005 electrofish and video survey of the stream (see link below). I believe that is how the classification was determined for Redmond's stream map.

<http://www.washingtontrout.org/redmond/map.html?tile=25N05E03&bw=false&culvert=false&habitat=true&fish=false&aerial=false&chanmod=false&stream=true&topo=true&streamid=true&ortho=true&road=false>

Tom

City of Redmond
Stream & Habitat Planner
(425) 556-2762

From: Heather Maiefski
Sent: Tuesday, April 07, 2015 4:23 PM
To: Karen Walter
Cc: Tom W. Hardy; Jeff Dendy; Matt Perkins; Steve Anderson (sanderson@ldccorp.com)
Subject: RE: Ellsworth short plat, SEPA-2014-01967, Determination of Non-Significance

Hello Karen,

ATTACHMENT 5

Thank you for your comments. I have forwarded your questions to Tom Hardy in regards to the Stream Classification as Tom is one of our Stream & Habitat Planners within our Natural Resource Department who is qualified to answer this question. I have also copied the applicant on this email as well. Also in regards to your second question regarding Stormwater Impacts I have copied Jeff Dendy who is the Stormwater Engineer reviewing this project. Jeff is currently out of the office and is scheduled to return on April 13th, so you should hear back from him shortly after that. I have attached the Stormwater report for your reference in the meantime.

Jeff- Could you get back to Karen Walter regarding her Stormwater questions when your back in the office?

Thank you,

Heather Maiefski
Associate Planner
City of Redmond
Planning Department

Work #: (425) 556-2437
hmaiefski@redmond.gov

Please note that I'm out of the office on Wednesday's of each week, so I will return all emails when I'm back in the office.

From: Karen Walter [<mailto:KWalter@muckleshoot.nsn.us>]
Sent: Tuesday, April 07, 2015 2:37 PM
To: Heather Maiefski
Subject: Ellsworth short plat, SEPA-2014-01967, Determination of Non-Significance

Heather,

Thank you again for sending us the additional information and reports for the Ellsworth project referenced above. We have reviewed this information and offer the following comments:

1. Stream classification for Gun Club creek
Per the Critical Areas report, it is noted that the Stream is a perennial Class IV (Redmond's classification) stream based on a steep gradient (>16%) east of the site. We reviewed elevation information on KC IMAP program for this stream and do not see where this steep gradient area is. We would appreciate the data that the City has for this stream, as well as the data used by the applicant's consultants to make this determination and where this gradient is. Please note that for potential fish habitat purposes, streams that are between 16-20% gradient with a basin area of at least 50 acres are considered potential fish habitat per WAC 222-16-031. Furthermore, the Wildlife report for this project describes this stream in Habitat A as featuring "*a low gradient channel with gravel bed and approximate 2-foot width*". This suggests that there may be potential fish habitat on site if the downstream gradients are less than 20% and there are no natural barriers. If this stream has potential fish habitat, then the project impacts should be determined accordingly and any unavoidable impact fully mitigated. This is an important point as the site is currently forested and trees will be removed for the project that may otherwise be protected by stream buffer requirements. The Critical Areas report notes that there will already be stream buffer impacts as a result of this project based on the Class IV designation. A higher stream classification would potentially result in more stream buffer impacts.

ATTACHMENT 5

2. Stormwater impacts

More information is needed regarding how stormwater will be managed for this project, specifically the level of water quality treatment and the potential to use Low Impact Development techniques at this site to avoid or minimize stormwater discharges to Gun Club creek.

We appreciate the opportunity to review this proposal and look forward to the City's/applicant's responses. Please let me know if you have any questions.

Best regards,
Karen Walter
Watersheds and Land Use Team Leader

*Muckleshoot Indian Tribe Fisheries Division
Habitat Program
39015 172nd Ave SE
Auburn, WA 98092
253-876-3116*

From: Heather Maiefski [<mailto:HMAIEFSKI@redmond.gov>]
Sent: Monday, March 30, 2015 6:00 PM
To: Karen Walter
Subject: RE: City of Redmond SEPA-2014-01967 Ellsworth

Hello Karen,

Buffer averaging has been proposed for the Class IV Stream for the Ellsworth Short Plat which will be required to be in conformance with all applicable requirements per the Critical Areas Regulations of the Redmond Zoning Code (RZC) 21.64. Please click on the attachments and let me know if you need anything further or if you have any questions.

Thank you,

Heather Maiefski
Associate Planner
City of Redmond
Planning Department

Work #: (425) 556-2437
hmaiefski@redmond.gov

Please note that I'm out of the office on Wednesday's of each week, so I will return all emails when I'm back in the office.

From: Karen Walter [<mailto:KWalter@muckleshoot.nsn.us>]
Sent: Friday, March 27, 2015 5:03 PM
To: Heather Maiefski
Subject: FW: City of Redmond SEPA-2014-01967 Ellsworth

Heather,

We received this SEPA notice and will need additional information to fully evaluate this project for potential impacts to the Tribe's fisheries resources. Can we get a copy of the proposed site plan and the stream/wetland report and mitigation plans?

We prefer electronic copies if available.

Thank you,
Karen Walter
Watersheds and Land Use Team Leader

*Muckleshoot Indian Tribe Fisheries Division
Habitat Program
39015 172nd Ave SE
Auburn, WA 98092
253-876-3116*

From: Gloria Meerscheidt [<mailto:GMeerscheidt@REDMOND.GOV>]

Sent: Friday, March 27, 2015 8:56 AM

To: andy.swayne@pse.com; Angie Peace; charlie.sundberg@kingcounty.gov; chelland@bellevuewa.gov; Claude Williams; connie.blumen@kingcounty.gov; Dan Sokol; dbeadle@ci.sammamish.wa.us; Elaine Somers; Elizabeth.Elliott@kingcounty.gov; Erika Harris; Fisheries Fileroom; fmiller@lwsd.org; gary.kriedt@kingcounty.gov; Gretchen.Kaehler@dahp.wa.gov; Jon Regala; Karen Walter; Mark.Wilgus@kingcounty.gov; mattb@snoqualmietribe.us; mpaine@bellevuewa.gov; Ramin Pazooki; robert.nunnenkamp@kingcounty.gov; sepacenter@dnr.wa.gov; sepadesk@dfw.wa.gov; sepaunit@ecy.wa.gov; Steve.Bottheim@kingcounty.gov; Steven Mullen-Moses; tina.morehead@kingcounty.gov; tlavender2@frontier.com; tmcgruder@gmail.com; Tom Hinman-citizen

Cc: Heather Maiefski; Gloria Meerscheidt; Sara L. Smith

Subject: City of Redmond SEPA-2014-01967 Ellsworth

Gloria Meerscheidt

Administrative Assistant, Development Review
City of Redmond – Development Services Center
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From: Jim Rothwell <jim@wetlandresources.com>
Sent: Wednesday, June 03, 2015 1:44 PM
To: Steve Anderson
Cc: Matt Perkins (matt.perkins@quadranthomes.com); Tom W. Hardy;
Heather Maiefski
Subject: Re: Muckleshoot comments, Heathers Ridge South
Attachments: fp_board_manual_section13.pdf

Hi Steve,

Per my last email to you on May 26, I re-visited the Heathers Ridge South project site to take stream measurements and walk the stream channel for a bit to determine if there are any fish passage barriers present. I determined that the width of the stream channel averages greater than two feet. In addition, I didn't observe steep gradients in excess of 16 percent. According to WAC 222-16-031 ("Interim Water Typing System"), this meets the criteria for a fish-bearing stream. However, I also reviewed Section 13 of the Forest Practices Board Manual, "Guidelines for Determining Fish Use for the Purpose of Typing Waters." Part 6 of that section is titled "Alternatives for Making Fish Use Determinations." In Part 6 states:

"Where field surveys for determining fish use have not been done, water type is determined by applying the physical characteristics contained in WAC 222-16-031(3). The DNR, in consultation with the WDFW, DOE, and affected Indian tribes may waive or modify these characteristics where evidence provides relative certainty that such waters do not support fish life. A list of such examples includes but may not be limited to:

1. Streams that have previously been surveyed and typing verified by projects sponsored or conducted by landowner, state, tribal and conservation groups. Project sponsors can define and map areas where water type confirmation has been substantially completed."

The Wild Fish Conservancy Northwest (aka Washington Trout) prepared the City of Redmond's Fish and Fish Habitat Distribution Study in 2004-2005 and stated that the on-site portion of the stream is non fish-bearing. This seems like it complies with the guidance in Part 6 and, therefore, adequately addresses Karen Walters' concerns. I put a call in to the Wild Fish Conservancy to try and get more information on the City of Redmond study, but no one was available. I'll let you know if/when I hear back from them.

I'll include this information in the revised report. Thanks Steve.

Jim Rothwell
Senior Ecologist
Wetland Resources, Inc.
(425) 337-3174
jim@wetlandresources.com

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On Apr 28, 2015, at 11:36 AM, Jim Rothwell <jim@wetlandresources.com> wrote:

Hi Steve,

We've been discussing this situation quite a bit. We based our stream determination on observations made during our site visits and on the City's maps, which, in turn, are based on the Washington Trout (now the Wild Fish Conservancy Northwest) 2004-2005 study. The steep gradient that is mentioned in the critical area study was taken from the original 2011 critical areas report (prepared by a former Wetland Resources ecologist). However, Scott walked a section of the stream channel (which extended off-site) and did not observe this gradient, so it's possible that the previous ecologist made a mistake.

It seems as though the studies performed by Washington Trout should be sufficient for Karen. If she's not satisfied with their information, then we may need to visit the site again and/or meet her on-site to discuss the situation. Please let me know your thoughts on this.

Here are links to the Washington Trout study:

<http://www.washingtontrout.org/redmond/map.html?tile=25N05E03&bw=false&culvert=true&habitat=true&fish=true&aerial=true&chanmod=true&stream=true&topo=true&streamid=true&ortho=true&road=false>

<http://www.washingtontrout.org/redmond/index.shtml>

Jim Rothwell
Senior Ecologist
Wetland Resources, Inc.
(425) 337-3174
jim@wetlandresources.com

On Apr 28, 2015, at 8:46 AM, Steve Anderson
<sanderson@ldccorp.com> wrote:

Hello Jim
How is Scott W coming with his response to this? It would be good to get a response in this week.
Please let me know what your schedule is.
Thanks

Steven M. Anderson

Senior Project Manager/Planner

LDC, Inc

The Civil Engineering Group

Ph.425.806.1869 Fx.425.482.2893

Cell 206.660.1252

14201 NE 200th St, Ste 100

Woodinville, WA 98072

sanderson@ldccorp.com

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"Engineering ABOVE the Standard"

From: Peace, Angie D (DFW) <Angela.Peace@dfw.wa.gov>
Sent: Tuesday, April 07, 2015 4:40 PM
To: Heather Maiefski
Cc: Jeff Dendy
Subject: RE: SEPA201401967 Ellsworth

Thanks, Heather!

Angie Peace
Fish and Wildlife Habitat Biologist
Washington Department of Fish and Wildlife
Region 4 – Issaquah Field Office
☎ (425) 427-0570 (office)
✉ angie.peace@dfw.wa.gov

From: Heather Maiefski [<mailto:HMAIEFSKI@redmond.gov>]
Sent: Tuesday, April 07, 2015 4:07 PM
To: Peace, Angie D (DFW)
Cc: Jeff Dendy
Subject: FW: SEPA201401967 Ellsworth

Hello Angie,

Jeff Dendy is the Stormwater Engineer reviewing this project however he is currently out of the office and is scheduled to be back in the office on April 13th, so he should be able to get back to you shortly after that. In the meantime please click on the attachments for the Critical Areas Study and Drainage Report. I'm sending the site plan in a separate email.

Jeff – Could you get back to Angie when you get back in the office regarding her Stormwater questions and please copy me on your response?

Thank you,

Heather Maiefski
Associate Planner
City of Redmond
Planning Department

Work #: (425) 556-2437
hmaiefski@redmond.gov

Please note that I'm out of the office on Wednesday's of each week, so I will return all emails when I'm back in the office.

From: Peace, Angie D (DFW) [mailto:Angela.Peace@dfw.wa.gov]
Sent: Tuesday, April 07, 2015 8:11 AM
To: Heather Maiefski
Subject: SEPA201401967 Ellsworth

Hi Heather,

Can you provide the critical areas study and any plans/drawings for the Ellsworth detention vault discharge?

Stormwater outfalls require a Hydraulic Project Approval (HPA) for protection of fish life. Do you know if the discharge will be directly to the stream? If not, do you know how erosion and sedimentation between the discharge and the stream will be avoided?

This stream discharges to the Sammamish River, which supports anadromous salmonids, including listed chinook and steelhead, so I'm trying to figure out what the impacts are.

Thanks so much,

Angie

Angie Peace
Fish and Wildlife Habitat Biologist
Washington Department of Fish and Wildlife
Region 4 – Issaquah Field Office
☎ (425) 427-0570 (office)
✉ angie.peace@dfw.wa.gov

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