

Michele McAleer

From: NEWELL Avis [NEWELL.Avis@deq.state.or.us]
Sent: Thursday, November 19, 2009 2:55 PM
To: Michele McAleer
Subject: RE: R-87500

We did chat about this one back in August. At that time, we discussed DEQ's ability to place conditions on the water right. Also, in reviewing this particular application, it was not clear whether the existing reservoir was in-channel or off-channel. The map looks as though the reservoir is off-channel, but the applicant has checked the "in-channel" box on the application.

In channel reservoirs do have the ability to contribute significant warming to stream water. So, if there is an opportunity to add a condition, I would add that the reservoir is not allowed to cause the stream water downstream of the reservoir to increase by more than 0.2 degrees F. This heating can pose a significant detrimental impact to fishery resources.

Hope this helps—Avis Newell
DEQ
Tualatin Basin Coordinator
(503)229-6018

From: Michele McAleer [mailto:mcaleemr@wrdd.state.or.us]
Sent: Thursday, November 19, 2009 11:12 AM
To: NEWELL Avis
Subject: RE: R-87500

Hi Avis,
I think I replied to you on this, but can't remember. Are there any conditions you would recommend to mitigate for any potential injury?
Thanks,
Michele

From: NEWELL Avis [mailto:NEWELL.Avis@deq.state.or.us]
Sent: Friday, August 21, 2009 2:01 PM
To: Michele McAleer
Subject: R-87500

Alternate Reservoir Application Review Sheet for R-87500, Christian & Kelly Emmons, 22339 Schmeltzer Rd, Sherwood.

This application is for an existing, instream reservoirs. Instream reservoirs may have a significant contribution to increased stream temperatures. The reservoir is located in the Tualatin Basin, which is included on DEQ's list of water quality impaired waters, because of high water temperatures. High stream temperatures have known and documented effects on fish resources.

I have not visited the site, and I have not conferred with staff from any other agencies regarding this application.

11/19/2009

Michele McAleer

From: NEWELL Avis [NEWELL.Avis@deq.state.or.us]
Sent: Friday, August 21, 2009 2:01 PM
To: Michele McAleer
Subject: R-87500

Alternate Reservoir Application Review Sheet for R-87500, Christian & Kelly Emmons, 22339 Schmeltzer Rd, Sherwood.

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I have not visited the site, and I have not conferred with staff from any other agencies regarding this application.

Please let me know if I can be of additional assistance.

Avis Newell

DEQ

Tualatin Basin Coordinator

(503)229-6018