Debbie Beadle

From: Evan Maxim
Sent: Friday, March 23, 2012 3:06 PM
To: Debbie Beadle
Subject: FW: City of Sammamish - Environmentally Critical Areas update

For the website please.

Evan Maxim
Senior Planner
City of Sammamish
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From: Steve Nelson [mailto:snelson@rh2.com]
Sent: Friday, March 23, 2012 2:53 PM
To: Evan Maxim
Cc: Laura Keough
Subject: RE: City of Sammamish - Environmentally Critical Areas update

Evan,

On behalf of Northeast Sammamish Sewer and Water District (the District), thank you for meeting with Laura and RH2 Engineering last week to discuss the City's update of the Environmentally Critical Area regulations.

The District would like the City to consider the following restrictions for the construction of geothermal/heat exchange wells within the City limits. The District understands that Washington Department of Ecology (Ecology) has the authority to permit ground source heat pump borings under Chapter 173-160 WAC and has established requirements for drilling, construction, and decommissioning of these types of borings which are intended to protect groundwater. However, there is a potential that even though such borings may be permittable, their ultimate use, monitoring, and decommissioning may be neglected over the long term as ownership and responsibility for the borings are transferred to subsequent property owners.

Therefore, the District suggests the following restrictions on geothermal/heat exchange wells:

Open loop geothermal wells that could be used to recirculate water or groundwater should be prohibited in all Class 1, Class 2, and Class 3 Wellhead Protection Zones established in the City.
Closed loop geothermal wells used to recirculate a chemical heat transfer fluid other than potable water should be prohibited in all Class 1, Class 2, and Class 3 Wellhead Protection Zones established in the City.
Closed loop geothermal wells, also known as ground source heat pump borings, used to recirculate potable water for heat exchange should be prohibited in Class 1 and Class 2 Wellhead Protection Zones established in the City
Closed loop geothermal wells, also known as ground source heat pump borings may be allowed in Class 3 Wellhead Protection Zones established in the City if they are designed to comply with Chapter 173-160 WAC.

The District suggests the City consider requiring some method to record the construction of ground source heat pump borings in Class 3 zones so that subsequent owners are aware of their responsibility to maintain the borings during use and decommission the borings if no longer used per Chapter 173-160 WAC.

Thank you.

EXHIBIT NO. 56.

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From: Evan Maxim [mailto:emaxim@ci.sammamish.wa.us]
Sent: Friday, March 09, 2012 4:05 PM
Cc: reinbsgr@dfw.wa.gov; patrick.mcgraner@ecy.wa.gov; Karen Walter (KWalter@muckleshoot.nsn.us); mattb@snoqualmienation.com; Jay Regenstreif (jay.regenstreif@sammplat.wa.org); Laura Keough (laura@nesswd.org); Steve Nelson; Nwankwo, Ike (COM)
Subject: City of Sammamish - Environmentally Critical Areas update

Good Afternoon,

As you may know, the City of Sammamish is currently updating the city's Environmentally Critical Area regulations, with a target adoption date of December, 2012. The Sammamish Planning Commission has just initiated this process (kick-off meeting March 1) and is working on an ambitious review schedule with the goal of completing their work in late July or possibly early August (attached is our current schedule through June).

This update will include a full Best Available Science review, along with specific review of a number of known topics identified for Sammamish by the city council.

We do not have draft regulations available for review quite yet, but as we do we will be soliciting comments from interested agencies; it will be important to comment in a timely way as we move forward in the review. You may also wish to consider signing up for our email alert system (on our website: www.ci.sammamish.wa.us) to receive regular email updates.

Please let me know if you have questions or comments.

Regards,

Evan Maxim
Senior Planner
City of Sammamish
425.295.0523

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