

OSGOOD PROPERTY (05-131)

No-Disturbance Area in Erosion Hazard Near Sensitive Water Bodies Overlay
**Public testimony by Don Hill (Triad Associates) at Sammamish City Council
meeting on 4/2/13**

Dear Council Members:

Good evening, my name is Don Hill. I am a Professional Engineer registered in the State of Washington and I am an employee of Triad Associates, a civil engineering firm at 12112 115th Ave NE in Kirkland. I am testifying on behalf of my client, Mr. Jim Osgood, the owner of property located 19661 SE 24th Way, Sammamish. His 3.87-acre property is located within the No-Disturbance Area within the Erosion Hazard Near Sensitive Water Bodies Overlay (EHNSWBO).

More specifically, I would like to draw your attention to the Level 1 Downstream Analysis dated 3/22/13 that we prepared in regard to the Osgood property which I believe is included in your meeting packet as City council comments #28 under tab 8.

Let me add that we prepared this Analysis for the offsite storm conveyance downstream of the Osgood property which we believe qualifies for the Pilot Program in the No-Disturbance Area. There may be other properties in the No-Disturbance Area that may also qualify.

This Analysis was prepared in accordance with the City's Surface Water Design Manual to provide a qualitative review of the conveyance to at least ¼ mile downstream from the Osgood property. In this case we reviewed the condition of the existing offsite storm conveyance all the way to the outfall to Lake Sammamish which is over ½ mile from the site. During our review we observed that the first 1,400 feet of offsite storm conveyance is in a series of open ditches, swales and driveway culverts with an average slope of approximately 8%. The next approximately 1,100 feet of offsite conveyance is in a series of pipes and catch basins with an average slope of approximately 16% for the upper reach along SE 24th Way then an average slope of approximately 3% for the lower reach along Lake Sammamish Parkway SE. The last segment of approximately 350 feet of offsite storm conveyance is in a series of ditches, swales and culverts alongside then under East Lake Sammamish Parkway SE and the Regional Trail with an

average slope of approximately 2% with the exception of one ditch segment that is at 20%.

Mitigation measures for the minor downstream storm conveyance nuisance problem cited in the Analysis can be applied on the site and along the downstream storm conveyance, where the problem occurs, to prevent aggravation of any minor downstream drainage problems. Also, during any potential future development of the site, it is recommended that temporary erosion and sedimentation control measures per the 2009 KCSWDM be applied during construction. In addition, the required permanent flow control facility on the site would also provide mitigation for any conveyance nuisance problem.

As noted in the Analysis, the permanent flow control facility that will be required for any development on the Osgood property is planned to be designed and constructed to conform to the City's adoption of the 2009 KCSWDM, using the Level 3 flow control standard. Compliance with the Level 3 flow control standard would reduce the post-development flows to be less than the pre-development flows from the site modeled in the forested condition.

As outlined in the cover letter and the Analysis, in my opinion, there is sufficient capacity in the existing downstream system to convey developed storm drainage flows from the Osgood Property to Lake Sammamish.

Thank you.

Lita Hachey

From: James Osgood <jim@Officefinder.onmicrosoft.com>
Sent: Monday, April 08, 2013 4:36 PM
To: ECA
Subject: FW: Osgood Property - Level One Downstream Analysis
Attachments: 08 Osgood property - Triad - Public testimony by Don Hill at Sammamish City Council meeting on 13-0402.pdf

Follow Up Flag: Flag for follow up
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Please add this and the attachment as public testimony related to City Council Comment #27

From: Don Hill [mailto:dhill@triadassociates.net]
Sent: Monday, April 08, 2013 9:26 AM
To: James Osgood
Subject: RE: Osgood Property - Level One Downstream Analysis (05131)

Jim and Susan,

In case it is helpful or needed, attached is a PDF of my public testimony at the Sammamish City Council meeting last Tuesday evening. Recall I had to abbreviate paragraphs 4 and 5 due to time constraints.

Donald J Hill, PE | Project Principal

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Civil Engineers | Surveyors | Planners | Landscape Architects

From: James Osgood [mailto:jim@Officefinder.onmicrosoft.com]
Sent: Thursday, April 04, 2013 9:26 AM
To: Kamuron Gurol
Cc: Eric LaFrance; susan@susan-richardson.com; Don Hill; Evan Maxim; citycouncil@ci.sammamish.wa.us
Subject: RE: Osgood Property - Level One Downstream Analysis

Hi Kamuron,

On March 26th we submitted an extended Level One Downstream Analysis of the ditch all the way to Lake Sammamish (Comment CC027) to demonstrate the concerns related to the ability of the downstream conveyance to handle our stormwater after development are unfounded. This was intended to be not only a demonstration that our ditch is capable of successfully handling storm water from development, but as an example to demonstrate that there could be other ditches in the overlay that are also capable of handling additional stormwater runoff.

This was a major issue for all of the Planning Commission Minority Reports. It was also the reason we received 2 "No" votes. The concern was that the conveyance would "call into question the ability of the existing manmade conveyance system (roadside ditches) to handle the additional storm water that would be produced as a result of subdivision development during and after a large storm or similar event. (Minority Report #1 - Luxenberg, Collins and Islam)." We believe we have answered the question.

For this reason, I believe that it is important that the city stormwater engineer review the report and confirm the ditch is capable of handling the additional storm water that would be produced as a result of subdivision development per the King County Storm Water manual and to identify any further concerns he would have related to the report. Our engineer has done so and, as presented at the April 2nd City Council meeting that, in his professional opinion, the report demonstrates that the ditch is capable of handling the additional storm water from development and there is sufficient capacity in the existing downstream system to convey developed storm drainage flows from the Osgood Property to the Lake. Needless to say, we would appreciate this being done prior to the April 15th meeting and provided to the City Council.

In addition, if there are any meetings planned with the Department of Ecology in there advisory role related to the EHNSWB overlay, we would like to be included.

Thank you,

Jim Osgood

From: James Osgood [<mailto:jim@Officefinder.onmicrosoft.com>]

Sent: Tuesday, March 26, 2013 3:52 PM

To: Evan Maxim; Don Hill

Cc: Eric LaFrance; Kamuron Gurol; jim@officefinder.com; susan@susan-richardson.com; Rick Tomkins

Subject: RE: Osgood Property - Level One Downstream Analysis dated 3/22/13 (05131)

Thank you Evan. Yes it is intended as public comment. We went ahead with the Level 1 analysis to demonstrate the condition of the open conveyance as being suitable for handling the stormwater from a development such as ours with only minor improvements required. We are aware that this is only the preliminary review process that would be required under the proposed regulation

We would appreciate your reviewing it to identify any potential concerns the city may have or an opinion that the analysis does demonstrate that the ditch is suitable for handling stormwater. We are trying to alleviate the fears that have been put forward as to suitability of ditches in the overlay.

Jim

From: Evan Maxim [<mailto:emaxim@sammamish.us>]

Sent: Tuesday, March 26, 2013 3:23 PM

To: Don Hill

Cc: Eric LaFrance; Kamuron Gurol; jim@officefinder.com; susan@susan-richardson.com; Rick Tomkins

Subject: RE: Osgood Property - Level One Downstream Analysis dated 3/22/13 (05131)

Don,

Thank you for the email. Please clarify the intent of this submittal (or maybe Jim can clarify?).

I assume this is intended to be public comment on the current environmental critical area (ECA) update process – is that correct?

I am not aware of a project review that would prompt comments or concurrence from city staff in an official capacity. If it is intended as public comment on the ECA update process, we will of course review the document.

Regards,

*Evan Maxim
Senior Planner
City of Sammamish
425.295.0523*

Effective March 1st, my email address is: emaxim@sammamish.us. Emails sent to my old email address are being forwarded temporarily, however please update your email address for me accordingly.

From: Don Hill [<mailto:dhill@triadassociates.net>]

Sent: Tuesday, March 26, 2013 12:59 PM

To: Evan Maxim

Cc: Eric LaFrance; Kamuron Gurol; jjim@officefinder.com; susan@susan-richardson.com; Rick Tomkins

Subject: Osgood Property - Level One Downstream Analysis dated 3/22/13 (05131)

Evan,

We provide the attached Level One Downstream Analysis dated 3/22/13 (PDF) for the Osgood Property for your review and comment.

As outlined in the cover letter, in our opinion, there is sufficient capacity in the existing downstream system to convey developed storm drainage flows from the Osgood Property to the Lake.

Please reply with your concurrence or any comments.

Donald J Hill, PE | Project Principal

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