



November 20, 2017

Re: Update on Trillium Park Drive Landslide and Continued Closure

Dear Trillium Park Drive Area Resident:

In February of 2017, portions of Trillium Park Drive suffered a landslide damaging the integrity of the roadway and portions of the adjacent underground utilities. As a result of this, the City of Oregon City determined to prudently close the roadway and isolate the respective utilities.

The area in question has suffered two previous sliding events, the first of which occurred almost 20 years ago during the original construction of the community. This original slide was preceded by a period of heavy rainfall. The second slide event occurred in 2006 under similar conditions with a prolonged period of heavy rainfall and high ground water within the region.

To date, Trillium Park Drive remains closed, and the damaged water main traversing through the slide area has been decommissioned. The stormwater conveyance system and sanitary conveyance system are both still functioning and being monitored for any changes. The current road closure will remain in place until a final engineering solution can be determined to repair utilities and roadway while assuring public safety.

Since the closure in 2017, the City has hired a Geotechnical Engineering Firm to advise the City as to alternative courses for addressing this particular slide and to monitor for any additional activity within the area. To date, the City has installed four permanent monitoring stations, referred to as inclinometers, in order to monitor for any movement within the area. The inclinometer consists of a hollow PVC pipe drilled to a predetermined depth that allows us to determine a baseline condition for that column of soil and then compare its movement over time. We currently have stations located on Trillium Park Drive, Canyon Court, Swordfern Court and Wake Robin Circle. These stations are being checked regularly to determine if any movement has occurred within their respective areas. While they can give us an indication of movement between readings, they are not monitored real time and will not provide any early warning or real time notification of movement.

The City's consultant has outlined several preliminary alternatives to address the road closure which the City is evaluating for both cost and feasibility. We have not yet determined a final course of action and do not anticipate doing so until a long term funding solution can be identified. In the short term, City

staff and its contractors will be doing additional work within the area to further assure the continued functionality of the utilities that are still active through the slide zone. This includes conducting additional work in the area to the existing sanitary sewer pipe. The work itself will be confined to within the already closed road section and should not affect any residents.

In the interim, until a final engineering solution is implemented, residents are encouraged to report instances of observed land movement within the area to the Public Works Department. Any activity within the public right of way and associated utilities should be reported immediately to our offices during normal business hours, or to emergency services after hours.

For more information please feel free to contact me at 503.657.8241.

Respectfully,



Martin Montalvo
Operations Manager