



CITY OF WEST RICHLAND
PUBLIC WORKS DEPARTMENT
3100 BELMONT BLVD, SUITE 102
WEST RICHLAND, WA 99353

November 1, 2018

The City of West Richland has been actively investigating standing water in the City's storm drainage facilities in the general area around your neighborhood since September 2017. Please see attached vicinity map showing the area under investigation. The purpose of this notice is to let you know what the City is doing to investigate the matter further.

Typically storm drainage facilities should only have standing water in them during storm events. The storm water collected within the underground storm drainage facilities during the storm event should then percolate into the soil over the next several hours. At present, the standing water within the storm drainage facilities is limiting the capacity of these systems to collect and percolate the storm water into the soil.

The City staff's preliminary investigation identified storm drainage facilities in the area that were found to have standing water in them at various depths from the roadway surface; some locations as close as 6". In December 2017, the City hired a well driller to conduct an exploratory boring near the intersection of Diamond and Belmont to identify subsurface soil conditions. The results showed that there was a densely compacted impervious silt layer approximately 16' below the surface with an unknown thickness. In March 2018, the City hired a leak detection company to survey the City's water mains and water meter services in the area for possible leaks; the survey did not identify any leaks.

By the spring of 2018, the standing water level in the City's storm drainage systems had dropped, but unfortunately, at this time, the water levels in the City's storm drainage system have again risen. The City hired a leak detection company to survey the water mains and water services in a much broader area than previously surveyed, to also include Columbia Irrigation District's irrigation mains and irrigation services. This work began on October 8, 2018 and is scheduled to be completed by November 12, 2018. The majority of the area has been surveyed; the preliminary results of the survey did not identify any leaks.

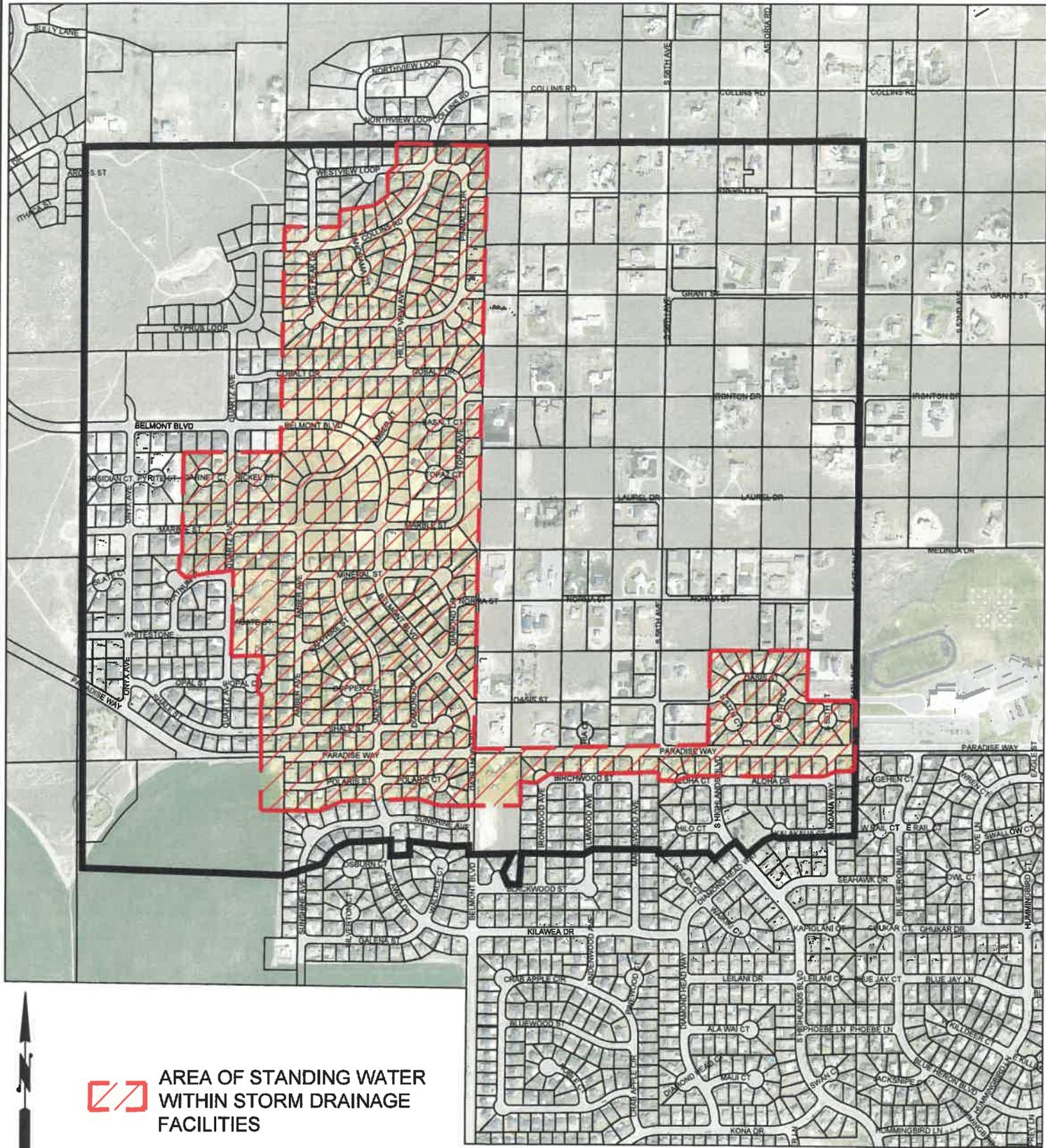
The City has hired a consultant to assist with the City's investigation to determine the hydrologic and geotechnical conditions that are potentially contributing to or causing the observed elevated groundwater levels and drainage problems.

Updates on the City's investigation of the elevated groundwater issue will be posted on the City's website, www.westrichland.org. Please direct questions to the following email address, rslade@westrichland.org.

Sincerely,

Roscoe Slade, Public Works Director

City of West Richland



VICINITY MAP

AREA UNDER INVESTIGATION

DESIGN: JNP
 DRAWN: JNP
 CHECK: AFW



SHEET: 1
 SCALE: N/A
 DATE: 10/31/2018