

## MEMORANDUM

To: Richwood City Council

From: Clif Custer

Date: 09/06/2021

Subject: Standing Water on Quail Run

For years standing water on Quail Run has presented a nuisance for residents during moderate to heavy rainfall events. Water can reach depths up to a foot at the curb and 3-5 inches in the center of the street during rain events.

In the development of the Stormwater Master Plan, this area was noted by Strand Associates. It is believed that the improvements scheduled for the main outfall ditches in Richwood will have a positive affect with regards to standing water on Quail Run. During the survey of the outfall ditches for upcoming improvements Stand Associates obtained elevation data for Quail Run to ensure that street and storm sewer elevations were conducive for proper drainage.

Based on the elevation data obtained by Strand Associates it is currently believed that there could be a blockage in the storm sewer between the western and eastern most portions of the storm sewer on Quail Run. Richwood Public Works will have the storm sewer on Quail Run closed circuit televised. In the event no blockages are found, it is possible that additional stormwater capacities at the point of discharge may be necessary if not the overall elevation of portions of Quail Run and the existing storm sewer.