

GERMAN MILLS CREEK SANITARY INFRASTRUCTURE PROTECTION PROJECT SITE 4: P-070 & I-149 (YOR-006)

The German Mills Creek Sanitary Protection Project is located along an approximate 200 metre stretch of German Mills Creek, a part of the Don River watershed. Site P-070 and Site I-149 (collectively referred to as Site 4) is located on privately owned property situated northeast of Steeles Avenue East and Leslie Street, in the City of Markham (**Figure 1**). Through a fluvial geomorphic study, it has been determined that erosion along the east bank has impacted the stability of the existing crib wall and is posing a threat to the adjacent Region of York sanitary line at Site P-070. (**Figure 2**). Channel downcutting is occurring downstream of the cribwall at Site I-149 which is ultimately placing the sanitary crossing beneath the watercourse at risk of long-term exposure (**Figure 3**). As such, detailed designs of sanitary protection measures are being planned utilizing the Schedule A+ Municipal Class Environmental Assessment process.



Figure 1. Site P-070 & Site I-149 (Site 4) project locations. Source: TRCA, 2018.



Figure 2. Current conditions at Site P-070, with view of existing cribwall on east bank. *Source: TRCA, 2018.*



Figure 3. Current conditions at Site I-149, with view of eroding banks. *Source: TRCA, 2018.*