

APPENDIX D

PRELIMINARY DRAINAGE AND STORMWATER QUALITY MEMORANDUM



To: City of Sacramento, Department of Utilities

From: Charles Krafka, Cunningham Engineering Corporation (CEC)

Date: July 18, 2024

Subject: ParkeBridge East Preliminary Drainage & Stormwater Quality Memorandum

The ParkeBridge East project site is located within the ParkeBridge Drainage Study area. This memorandum has been prepared based on the City approved SWMM Drainage Analysis ParkeBridge drainage study dated November 2006, prepared by Wood Rodgers. The SWMM Analysis exhibit included in the drainage study identifies the ParkeBridge East site as drainage node 9902.

The existing improvements constructed as part of the ParkeBridge development include a drainage basin located to the south of the ParkeBridge East project site. This existing drainage basin provides both stormwater runoff mitigation and stormwater quality treatment. As shown on Tables 1 and 4, the City approved drainage study assumed an impervious area of 2.9 Acres for the ParkeBridge East project site area. In comparison, the actual approximate project impervious area is 2.9 Acres as shown on the attached Preliminary SWQ Exhibit.

Because the actual project impervious area conforms to the assumptions used in the City approved drainage study, the existing drainage basin has been sized to provide the project required stormwater runoff mitigation and stormwater quality treatment. Therefore the ParkeBridge East project is not required to provide additional site storm drain runoff mitigation or stormwater quality treatment measures.