



## Stormwater Drainage Memorandum

**DATE:** March 12, 2024

**TO:** City of Lacey

**FROM:** Chris Jensen, P.E. | Barghausen Consulting Engineers, Inc.

**RE:** Chick-fil-A, Inc.  
8302 Quinault Drive N.E., Lacey, Washington 98516  
20274

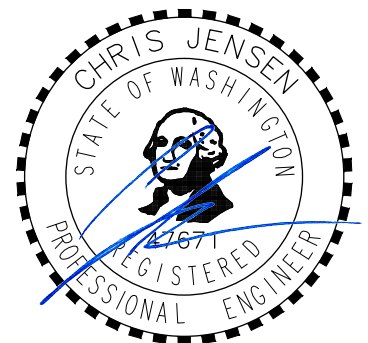
The proposed project is a re-development project for the existing Chick-fil-A that was completed in 2019. The project proposes a drive-through bypass lane for improved queuing and results in approximately 1,700 square-foot of new and replaced pavement. See the table below for a summary of the existing and proposed land coverage data. The original project was designed and constructed in accordance with the City of Lacey 2016 Stormwater Design Manual.

Per the City of Lacey 2022 Stormwater Design Manual, projects resulting in less than 2,000 square feet of new plus replaced hard surfaces must meet Core Requirement No. 2: Construction Stormwater Pollution Prevention.

Core Requirement No. 2 states that all projects shall address erosion and sediment control during site construction activities. The civil construction documents included with the submittal contain a temporary erosion and sediment control plan for the proposed redevelopment of the site. Additionally, a Stormwater Pollution Prevention Plan document has been prepared for this project and is included with this submittal.

Refer to the table below for a summary of existing and proposed site surface areas.

SITE SURFACE AREA SUMMARY		
EXISTING AREAS		
TOTAL SITE AREA:	52,774 SF	1.21 AC
IMPERVIOUS:	40,577 SF	0.93 AC
PERVIOUS/LANDSCAPE:	12,197 SF	0.28 AC
PROPOSED AREAS		
TOTAL SITE AREA:	52,774 SF	1.21 AC
IMPERVIOUS:	41,160 SF	0.94 AC
PERVIOUS/LANDSCAPE:	11,614 SF	0.27 AC
TOTAL NEW AND REPLACED IMPERVIOUS:	1,703 SF	0.06 AC



03/12/2024