

Post Construction Stormwater Management Memorandum



Project: **McDonald's Restaurant No. 29-0273 Rebuild**
Route 130 & Dutch Neck Road
East Windsor Township
Mercer County, NJ

Client: **McDonald's USA, LLC**
6903 Rockledge Drive, Suite 1100
Bethesda, MD 20817

Project
Number: **PY170093**

Date: **07/31/2020**

Professional
Engineer: Michael E. Jeitner
NJ License #24GE4493300

General Project Description/Stormwater Management

GENERAL PROJECT DESCRIPTION

McDonald's USA, LLC, proposes to demolish an existing McDonald's Restaurant and redevelop a portion of the 1.29-acre lot with a proposed 4,940 SF McDonald's Restaurant with a drive-thru on the corner of US Route 130 and Dutch Neck Road in East Windsor Township, Mercer County, New Jersey. The proposal includes the installation of parking, utilities, landscaping and stormwater management controls necessary to support the development. Pertinent data characterizing the existing and future site conditions are shown on the accompanying Preliminary/Final Major Site Plans.

STORMWATER MANAGEMENT

The new development proposes to decrease stormwater runoff rate and volume by reducing the overall impervious coverage of the site from the pre-development to post-development condition. The existing site currently has 44,165 SF of impervious surfaces which makes up approximately 74.9% of the developable area. The new development proposes to reduce the overall impervious coverage of the site to 43,749 SF (-416 SF) which will make up approximately 74.2% of the developable area. Due to the reduction of impervious coverage on-site, it is determined that the stormwater runoff rate and volume will be reduced as well.