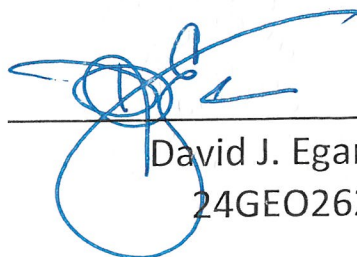




6/23/2025

Storm Water Report

146 Third Street. Kenvort. NJ



David J. Egarian, P.E.
24GEO2622900

Impervious Area Summary:

Existing = 11,796 sf

Proposed = 7,715 sf

Difference = 11,796 sf – 7,715 sf = 4,081 sf (reduction in impervious coverage)

Total Site Disturbance = 12,653 sf

Design:

The total site disturbance is less than 1 acre and there is not an increase in impervious coverage therefore the project is not classified as a “major development” per NJAC 5:21 & NJAC 7:8.

The site in its existing condition is entirely impervious. The property consists of a single-story building with a large asphalt and gravel parking lot. The current drainage pattern allows the stormwater to flow toward Third Street and Waverly Street where it is collected by the Borough storm sewer system. The property will be improved by removing the building and parking area to construct six (6) town house units, driveways with a rear deck and patio. The remaining open space will be landscaped and/or lawned. There will be a significant decrease in impervious coverage from the existing conditions.

The site has been designed to allow the storm water from the driveway and front roof area to sheet flow toward Waverly Street. The rear roof area and lawn area will be routed to the storm sewer system located on Third Street. Given the reduction in impervious coverage, the post development stormwater peak runoff rate will be less than the existing condition.