

Jim Diepenbrock

From: Kent Harrell <Kent.Harrell@cfpua.org>
Sent: Thursday, February 25, 2016 9:03 AM
To: TSchwenzfeier@mckimcreed.com; Jim Diepenbrock; Tamara Carter Murphy
Cc: David Dailey; Bernice Johnson
Subject: Shipyard Village Apartments TRC Comments
Attachments: 2821 Carolina Beach Rd.pdf

Tara and Tamara,

Attached is a GIS utility map of the area. We noted the proposed project included a 10" public water line extended from Carolina Beach Road along a public right of way to the 96 unit apartment project. The 10" line appears to terminate with a domestic and fire line service to the 96 unit apartment complex. The design appears to be focused on providing the necessary fire flow. We will need to be assured that the water quality on the domestic line will not be affected by stagnation in the 10" water main proposed. What will be the average day age of the water reaching the proposed domestic meter. What will be the average day velocity of water in the 10" main proposed. We can provide the average day water age at the proposed Carolina Beach Road water connection. Please provide these calculations with a commercial utility plan and application to our office at 235 Government Center Drive. Contact us at 910-332-6560 for information needs you have relative to this project.

Thank you,
Kent

Kent Harrell, PE
Engineering Manager
Cape Fear Public Utility Authority
kentharrell@cfpua.org
(910)-332-6674/470-4205