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CIVIL & TRAFFIC ENGINEERS / LAND SURVEYORS / PLANNERS / LANDSCAPE ARCHITECTS
Serving Connecticut, Massachusetts, & Rhode Island

April 20, 2021

Mr. Anthony Manfre, Superintendent of Pollution Control
Town of South Windsor
1540 Sullivan Avenue
South Windsor, CT 06074

Re: WPCA Application for New Commercial Sewer Connection
Scott Transportation
40 Commerce Road
Manchester, CT

Dear Mr. Manfre,

Design Professionals, Inc. has been engaged to provide engineering services for a final connection to the existing sewer main in Commerce Road in Manchester for a proposed 11,320 \pm SF office, logistics, and garage building to be located at 40 Commerce Road in Manchester, Connecticut. The building would be served by a 6" PVC sanitary lateral that would tap into the existing sewer main in Commerce Road in Manchester but is treated by South Windsor.

Sanitary design flows for the proposed building area were based on Section 4.B, Table 4 of the Connecticut Public Health Code. The expected sanitary flow is a maximum of 1,132 GPD, considering 0.1 GPD/SF gross floor area of an industrial building based on the zone classification. If the building is evaluated based on the total number of employees (34), the design flow would be lowered to 680 GPD considering 20 GPD/employee. Given the range of flows, it is still anticipated that the actual gallons per day will be lower because a portion of the staff will spend more time on the road than in the office each day.

We ask that the sewer assessment connection charge be based on the 4.061 acres associated with this new development, and a capacity charge based on the final water meter size selected.

Please feel free to contact us with any questions or comments.

Regards,

DESIGN PROFESSIONALS, INC.

Daniel H. Jameson, P.E.
Project Manager