

WILTON PUBLIC WORKS
DEPARTMENT

(203) 563-0153



TOWN HALL ANNEX
238 Danbury Road
Wilton, Connecticut 06897

TO: WPCA Commission

FROM: Frank Smeriglio, PE – *F.S.*
Director of Public Works/ Town Engineer

DATE: April 9, 2024

Cc: Michael Wrinn – Director of Planning & Zoning
Joe Canas, P.E. – Tighe & Bond

RE: 20 Westport Rd, Wilton CT – ASML - Cleanroom Expansion

This review was based on letter dated March 5, 2024 and supporting information submitted as part of the letter. This review is also based on documents submitted as part of P&Z SP#518. Based on the review of the above mentioned application at this time, I have no objections with the project continuing with the approval process with the following conditions:

- 1) Based on the information provided, the projected flow from the proposed activity is approximately 1072 gallons/day.
- 2) Project is subject to any conditions set by the City of Norwalk WPCA.
- 3) Applicant shall implement an infiltration and inflow analysis for the sanitary sewer system on site as part of the development work, prepared by a registered professional engineer licensed in the State of CT.
 - a. Applicant shall install flow meter and evaluate potential inflow and infiltration issues on the site.
 - b. Applicant shall video inspect sanitary lines and inspect manholes for potential infiltration at locations.
 - c. Applicant shall inspect existing footing drains / interior sump pumps for ground water and verify that they are connected to storm drain. If they are connected to sanitary, relocate to storm system accordingly.
 - d. Engineer shall provide repair scope of work for items found in a, b, and c above and shall conduct the physical repairs as part of the project.
 - e. Applicant shall begin this review immediately and shall provide updates monthly as part of the development work with a completion target prior to Certificate of Occupancy

- 4) Sewer Capital Assessment in accordance with WPCA regulations may be levied on the property.
- 5) Please note, Wilton WPCA is coordinating with Aquarion Water Company to obtain water readings directly to monitor flows from the site and/or to change billing format. Further information on this will follow.
- 6) Please note, Property owner shall be responsible for maintenance and any potential clogs in the lateral and/or sewer main connection points up to the main sewer line on Wesport Road.
- 7) All proposed exterior sewer lines shall be air tested and video inspected prior to sign off of certificate of occupancy.
- 8) Prior to the issuance of a Certificate of Occupancy, a certified as-built drawing and certified letter signed by a Professional Engineer indicating that all work was completed in accordance with the design plans shall be submitted to the Town of Wilton.

If you have any questions, please do not hesitate to call.

10-0969-023D-02
March 5, 2024

Frank Smeriglio
Director of Public Works
Town of Wilton
238 Danbury Road
Wilton, Connecticut 06897

Re: **20 Westport Road
ASML B20 Cleanroom Expansion
Application to the WPCA**

Dear Mr. Smeriglio:

On behalf of ASML, we are requesting to be placed on the upcoming agenda of the Wilton Water Pollution Control Authority for the proposed cleanroom expansion at ASML's 20 Westport Road facility. ASML is expanding their D&E (Design and Engineering) activity at 20 Westport Road. The project will convert a portion of the existing enclosed loading dock to testing and research heavy lab and cleanroom lab space.

The project will convert 9,838 square feet of existing loading dock to heavy lab and cleanroom lab spaces, and remove 13 parking spaces inside the building to create a 1,947 square foot mechanical room, for a total addition of 11,785 square feet of gross floor area. Additionally, 1,573 square feet of shipping area will be transitioned to laboratory support space. The loading dock area will be reduced to 3,932 square feet accommodating two truck dock spaces.

The project has recently been approved by the Planning and Zoning Commission at its February 26, 2024 meeting.

There are no new connections from the building to the sanitary sewer main. All connections will be made to existing infrastructure. The additional flow to be generated is 1,072 gpd, as calculated by the project plumbing engineer, and broken down below:

General sanitary sewer waste, 40 people @ 15 gpd	600 gpd
0.3 gpm reject peak hour x 60 min/hr x 24 hr/day	432 gpd
Dump and refill max of two process chillers per day @ 20 gpd each	40 gpd
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Total	1,072 gpd

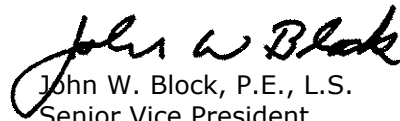
We look forward to getting on the upcoming WPCA agenda. If you have any questions with the plans or calculations, please feel free to contact me at (203) 712-1109 at your convenience.

Very truly yours,

TIGHE & BOND, INC.



Joseph Canas, PE, LEED AP, CFM
Principal Engineer



John W. Block, P.E., L.S.
Senior Vice President

Copy: Kriti Sharma, ASML
Tim Loughran, Cleanroom Construction Associates
J. Casey Healy, Gregory & Adams

J:\A\A0969 ASML\042 B20 Generator\Correspondence\A0969-042 2024_03-05 Letter F Smeriglio Re Wpca Agenda.Docx



Rochester, Jacqueline

Subject: FW: Wilton WPCA - B20 Cleanroom Expansion
Attachments: A0969-042 2024_03-05 letter f smeriglio re wpcap agenda.pdf

From: Joseph A. Canas <JACanas@tighebond.com>
Sent: Tuesday, March 5, 2024 11:56 AM
To: Smeriglio, Frank <Frank.Smeriglio@WILTONCT.ORG>
Cc: J. Casey Healy - Gregory and Adams, PC (jhealy@gregoryandadams.com) <jhealy@gregoryandadams.com>; Tim Loughran <timl@cleanroom-construction.net>; Kriti Sharma <kriti.sharma@asml.com>
Subject: Wilton WPCA - B20 Cleanroom Expansion

CAREFUL - From outside - CHECK before you CLICK.

Hi Frank-

Please see attached request for a 1,072 gpd increase for the ASML B20 Cleanroom Expansion at 20 Westport Road. All work will be done internal to the existing building, no new connections are proposed.

Please let me know if you have any questions.

Joseph Canas, PE, LEED AP, CFM

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