
Application: 2020-13
Applicant: City of Middletown, Water & Sewer/Public Works Departments
Owner: City of Middletown
Address: Pameacha Avenue
Zone: MX Zone/R-15 Residential
Description: Install 500 LF of sanitary sewer and road reconstruction

Proposal

The City of Middletown's Water and Sewer and Public Works Department have submitted an application for an inland wetlands and watercourse permit for the replacement of the City's sanitary sewer line that runs along Pameacha Avenue and Long Hill Brook.

The removal of the existing sanitation line from the long Hill Brook Culvert will reduce the potential for spills polluting the brook.

The removal of these potential obstructions also reduces the risk of debris blockage and restores culvert capacity.

Background

The IWWA granted approval of a plan to replace the sanitation line on August 3, 2011 (11-06) The IWWA granted a 5 year extension on the permit on June 1, 2016. The current plan is approved until June 1, 2021.

The project will impact .348 acres of regulated area and .009 acres of wetlands or watercourses.

The project includes excavation for a new sewer and water piping, filling includes backfilling trenches to restore back to existing grades. Excavation material or more suitable fill will be used to backfill trenches.

Disturbance to wetlands will be done in stages with proper Sediment Control measures used to ensure that sediment does not go into watercourse.

New plan does not deviate significantly from original proposal that was approved in 2011 and 2016.

Site and Construction Plans

Stock pile and dewatering locations are not listed on the site plan. Portions of the site work are within the Flood plain, stockpile should be located outside of the flood plain.

Earth support structures will be critical in areas with extreme slopes.

Wetlands were flagged and marked in 2010, have the wetland deviated since that date.

Recommendations

Staff recommends approval with the following conditions:

1. Add all of the Erosion and Sedimentation and Control Plan Notes and Erosion Control Notes be included as part of the permit.
2. Stock Pile/Dewatering locations be delineated and outside of the flood plain.
3. Recommend City Purchasing Department require a pollution liability bond for the work that will be done within the watercourse
4. Note number 22 on Sheet 13 indicates stockpiling specification on Sheets 21 and 22, staff would like to review and approve prior to work commencing.
5. During road reconstruction, additional silt fencing and hay bales should be onsite for the potential of heavy rains, especially on the southern portions of the road reconstruction. This should be done for the excavation process for the new sewer pipe as well.
6. The wetlands agent shall be notified prior to the installation for the gravity diversion structure.