

## Kozikowski, Marek

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**From:** Sipperly, James  
**Sent:** Tuesday, September 1, 2020 9:32 AM  
**To:** Samolis, Joseph; Kozikowski, Marek  
**Cc:** Fazzino, Joseph; 'Guy Russo'  
**Subject:** Pameacha Sanitary Sewer Project - Inland Wetland and Watercourses Delineation

Joe and Marek,

Guy Russo recently emailed me a list of comments and recommendations relative to the wetlands and watercourses located on the project site referenced above.

I performed an inland wetlands and watercourses delineation at the base of Pameacha Dam and along Pikes Ravine Brook on June 22, 2010. Those flags were field surveyed by UIC on June 25, 2010. I did not delineate the edges of Long Hill Brook because of the lack of access and the treacherous slope located on either side. There is chain link fencing along the top of slope and the vegetation that exists along the slope is completely impenetrable because of its size, volume and type. The estimated inland wetlands area is at the toe of slope throughout this area on either side of Long Hill Brook and that is referenced on the site plan.

I visited the site yesterday, August 31, 2020 and there has been no change in the location and characterization of the existing inland wetlands and watercourses on and adjacent to the project site.

James Sipperly  
Environmental Resource Specialist  
Certified Soil Scientist  
Connecticut Wetland Scientist





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100 Great Meadow Road | 6<sup>th</sup> Floor | Wethersfield, Connecticut 06109  
P: 860.436.5600 | F: 860.436.5601

DATE: September 1, 2020  
TO: Joseph Samolis, Director Planning, Conservation, and Development  
FROM: Guy P. Russo, Director of Water & Sewer Infrastructure  
Agent for the Middletown Water & Sewer Department  
RE: 2020-13  
IWWA Permit Application  
Pameacha Avenue  
Response to Staff Comments

PRIME AE is submitting the following responses on behalf of the Middletown Water & Sewer Department. Responses are to Staff Comments dated August 27, 2020. To the extent possible, responses are in order to comments beginning with observation in "Site and Construction Plans", and then "Recommendations".

## RESPONSES FOR THE AGENCY'S BENEFIT

**Comment:** 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.

**Response:** PRIME is providing supplemental material, Sheets 21 and 22, to our original submittal. These two sheets delineate the proposed location of stockpile areas for the project. As both staff and the agency know, much of this area is within the FIRM identified Floodway. The only stockpile area not within the FIRM Floodway is the stockpile immediately east of the Godburn property, 53 Warwick Street (Sheet 22).

The project was divided in two Phases. While Sheets 21 and 22 show multiple stockpiles for Phase 1, they will be utilized when operation are within close proximity, then closed. Due to the severe terrain restriction, multiple, readily accessible storage areas were required. Phase 2 has a single stockpile area behind the Wilcox Apartments, and is depicted as containing the entire volume of Phase 2 excavated area, which will not be the case. As operations progress, in a linear fashion, the previously excavated overburden will be replaced.

In all cases, the contractor will be made aware that they are conducting operation within a floodway and regulated area. A Flood Management Plan will need to be prepared and filed with the Engineer for review/comment/approval.

With regards to dewatering operations, locations for frac tanks, pumping and discharge are requested by the contractor to the Engineer for approval. Approval requires compliance with DEEP discharge regulations as well as City regulations. Should the wetland agent want to be a party to the approval process, that can be made an approval condition to the contractor in the specifications



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

**Response:** Earth support will be one of the more challenging issues during construction, additionally much of the deep excavation requiring earth support is not of even depth side-to-side making the challenge ever greater from a structural engineering standpoint. As such, earth support systems will be required to be designed by the contractor's structural engineer and will reflect their method of execution of the work. As the engineer of record, PRIME AE will review the adequacy of the earth support through the project submittal process.

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

**Response:** The original wetlands survey was conducted by Jim Sipperly, Environmental Specialist. Mr. Sipperly has confirmed the validity of the prior survey. Please see the attached email. Mr. Sipperly will be attending the September 2<sup>nd</sup> meeting should the Agency have questions.

**Comment:** Add all of the Erosion and Sedimentation and Control Plan Notes and Erosion Control Notes be included as part of the permit.

**Response:** Applicant, Water & Sewer Department, has no objection.

**Comment:** Stock Pile/Dewatering locations be delineated and outside of the flood plain.

**Response:** See Prior Response

**Comment:** Recommend City Purchasing Department require a pollution liability bond for the work that will be done within the watercourse.

**Response:** Applicant, Water & Sewer, does not object to this requirement.

**Comment:** 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.

**Response:** See Prior Response

**Comment:** 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.

**Response:** The current sedimentation and control plans for road reconstruction has silt fence and hay bales to reduce gutter flow, along the south edge of Pameacha Road. PRIME AE will be providing on-site inspection during the construction process. PRIME AE inspectors are required to perform pre-event inspection of sedimentation and erosion control devices, and we have routinely ordered cleaning, repair, or replacement ahead of the actual event. Given our advanced work on sedimentation and erosion control ahead of events, stockpiling of additional material will be requested.





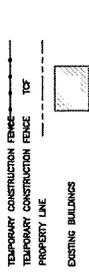
**Comment:** The wetlands agent shall be notified prior to the installation for the gravity diversion structure.

**Response:** PRIME will establish in the Specification that the wetlands agent is to be notified prior to installation of the below dam diversion. If there are other specific milestones the Agency needs to require the wetlands agent to be notified, please specify and PRIME will add these milestones as well.





**SUPPLEMENTAL LEGEND**

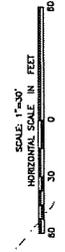


**NOTES:**

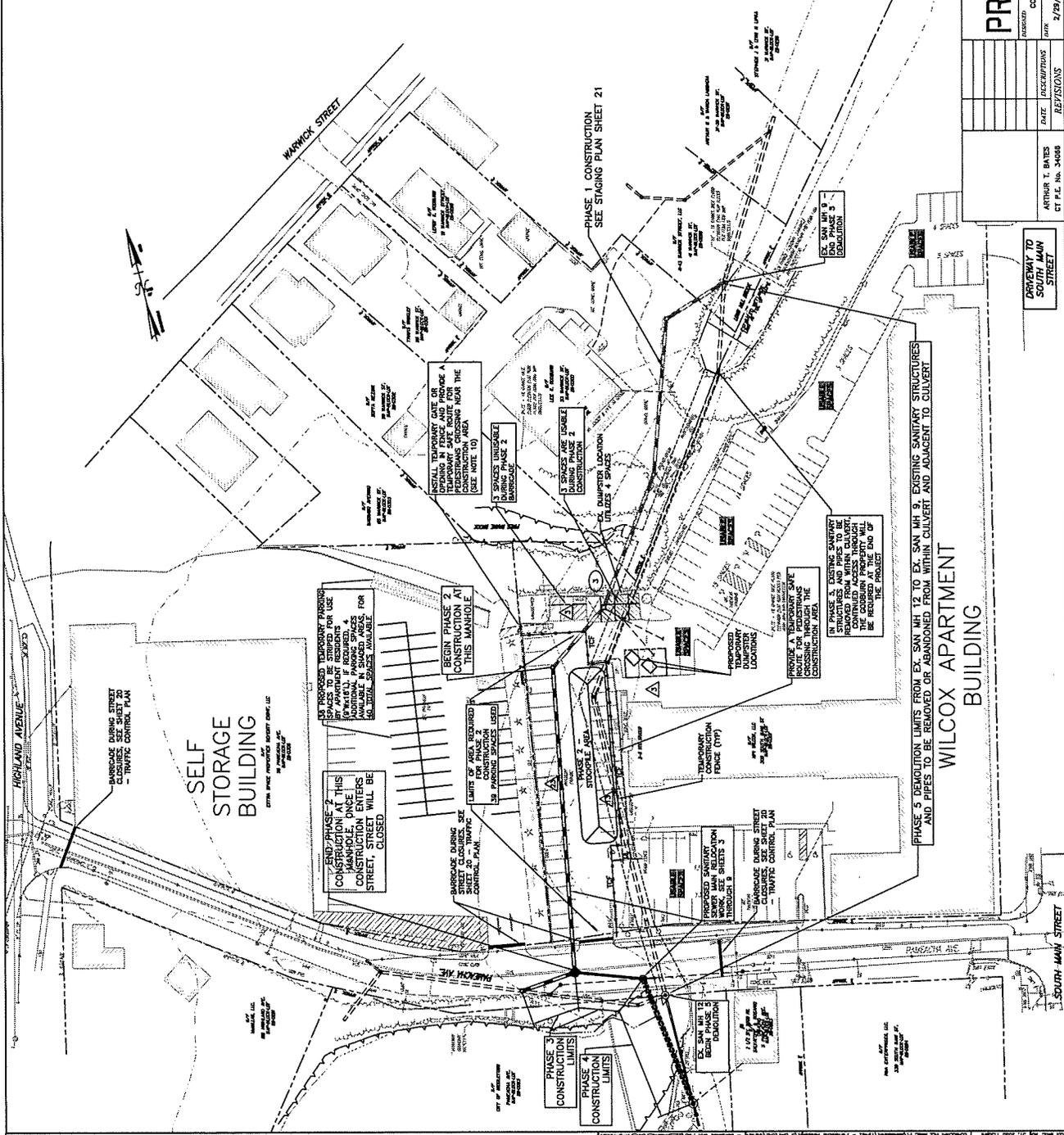
- FOR PHASING DESCRIPTIONS SEE SHEET 3 - SANITARY SEWER MAIN RELOCATION PLAN.
- EXISTING BUILDINGS AND TEMPORARY CONSTRUCTION FENCING (OR A 10' SURROUND) SHALL BE MAINTAINED THROUGHOUT THE PROJECT. CALUMNET CHAIN LINK FENCE WITH CALUMNET PORTABLE POST BUSES IS NECESSARY TO MAINTAIN PEDESTRIAN AND VEHICULAR ACCESS INTO ACTIVE CONSTRUCTION AREAS.
- CONTRACTOR SHALL RETURN UNUSED PARKING SPACES BACK TO ACTIVE USE AS QUICKLY AS POSSIBLE, WITHOUT LIMITING CONSTRUCTION ACCESS.
- BARRETTAGES CAN BE MOVED AS CONSTRUCTION PROGRESSES TO RECOVER EXISTING PARKING SPACES.
- SYMBOLS USED TO DENOTE PARKING SPACES LOST OR ADDED DURING EACH PHASE OF CONSTRUCTION:
  - △ - PHASE 1 LOST
  - - PHASE 2 ADDED

- EXISTING PARKING SPACES LOST DURING THIS PHASE, APPROXIMATELY 2 SPACES OF SANITARY PHASE 1, AT LEAST 5 PARKING SPACES COULD BE RETURNED TO USE, THIS BRINGING THE NEEDED TEMPORARY PARKING TOTAL TO 10 SPACES STRIPPED FOR 40 TOTAL PARKING SPACES AVAILABLE.
- SPACES SHOWN SHARED FOR 40 TOTAL PARKING SPACES AVAILABLE.
- REFER TO SHEET 23 FOR TEMPORARY AND PERMANENT EASEMENTS LAYOUT.
- PROVIDE TEMPORARY HARD SURFACE AND GATE IN CHAIN LINK FENCE TO MAINTAIN PEDESTRIAN AND VEHICULAR ACCESS TO EXISTING TEMPORARY DISTURBED AREA BACK TO ORIGINAL CONDITION AFTER USE.
- HOURS OF WORK: CONSTRUCTION ACTIVITY WILL NOT BE ALLOWED ON WEEKENDS OR HOLIDAYS, WITHOUT PRIOR APPROVAL OF THE CITY OF MIDDLETOWN.
- MUNICIPAL NOISE ORDINANCE WHICH INCLUDES THE FOLLOWING CONDITIONS: NOISE GENERATED BY CONSTRUCTION ACTIVITY SHALL BE OCCURRED BETWEEN THE HOURS OF 7:00 A.M. AND ONE (1) HOUR BEFORE SUNSET. NOISE GENERATED BY CONSTRUCTION ACTIVITY SHALL BE OCCURRED WITH CONSTRUCTION ACTIVITIES SHALL BE BETWEEN 8:00 A.M. AND 5:00 P.M. LOCAL TIME AT SCHEDULED HOURS. NOISE GENERATED BY CONSTRUCTION ACTIVITY SHALL BE PROVIDED THAT A PERMIT FOR SUCH BLASTING HAS BEEN OBTAINED FROM LOCAL AUTHORITIES.
- CONTRACTOR SHALL MAINTAIN ACCESS TO PROPERTIES 611 & 63 MONROE STREET SHALL BE FURTHER LIMITED TO OCCUR ONLY ON MONDAY THROUGH THURSDAY.
- MAIN STREET SHALL BE FURTHER LIMITED TO START NO LATER THAN 8:00 A.M.
- CONTRACTOR SHALL MAINTAIN ACCESS TO THE EXTRA PARKING SPACES PROVIDED FOR THE TEMPORARY USE WHILE PARKING THE CONTRACTOR'S EQUIPMENT OF THE PROJECT.
- CONTRACTOR SHALL COORDINATE WITH THE WILCOX APARTMENT OWNERS (WILCOX, HALEY) TO MOVE THE DUMPSTERS TO LOCATIONS NEARBY THE WILCOX, HALEY AND THE TENANTS FOR THE DURATION OF THE PROJECT.

**THERE WILL BE A LIMITED NEED FOR RELOCATED APARTMENT RESIDENT PARKING DURING PHASES 3, 4 & 5**



SHEET 22



		180 East Main Street, Suite 200 Middletown, Connecticut 06109 P: 800-438-5000 F: 860-438-5061	
DESIGNED	CCS/CHM	DATE	2/29/2020
CHECKED	CHM/MUS	PROJECT NO.	19482
DATE	REVISIONS	CT P.E. No.	34088
DATE	REVISIONS	DATE	REVISIONS

CONVEYANCE TO SOUTH MAIN STREET

CITY OF MIDDLETOWN  
WATER AND SEWER DEPARTMENT

CONSTRUCTION STAGING-PHASES 2-5  
COMBINED SEWER OVERFLOW SEPARATION PROJECT  
PAMACHA AVENUE CULVERT & WATER MAIN IMPROVEMENTS  
PROBLEM AREA NO. 12 - CONTRACT NO. 17A1

**From:** [Sipperly, James](#)  
**To:** [Samolis, Joseph](#); [Kozikowski, Marek](#)  
**Cc:** [Fazzino, Joseph](#); [Guy Russo](#)  
**Subject:** Pameacha Sanitary Sewer Project - Inland Wetland and Watercourses Delineation  
**Date:** Tuesday, September 1, 2020 9:32:08 AM

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