



City of Middletown

WATER & SEWER DEPARTMENT

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May 23, 2017

Ms. Corinne Fitting
Supervising Environmental Analyst
Water Planning & Management Division
Bureau of Water Protection & Land Reuse
Connecticut Department of Energy and Environmental Protection
79 Elm Street, Hartford, CT 06106-5127

Re: Proposed Stream Classifications
Connecticut River Basin

Dear Ms. Fitting:

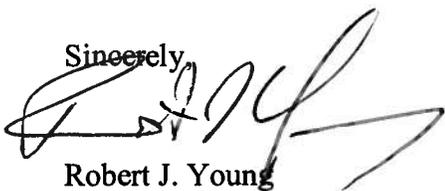
The Middletown Water Department has reviewed the proposed stream flow classifications for areas that are adjacent to or may impact our facilities within the Connecticut River Basin. There are several stream segments that require revision to more accurately reflect field conditions and update their classifications to meet the regulations (Figure No. 1). The following table summarizes our comments regarding the proposed stream flow classification map:

Segment	Comment
106,002,284	<p>1.a This stream segment begins at the toe of the Adder Reservoir Dam and flows towards the Higby Reservoir. It can also be diverted to Fall Brook downstream of the Higby Reservoir. The map needs to be revised to depict this segment's actual location. See Figure No. 2.</p> <p>1.b The stream segment is located immediately downstream of the Adder Reservoir Dam and should automatically be classified as a Class 3 stream. See Figure No. 2.</p>
106,002,288	<p>2. This stream segment does not receive flow from the Adder Reservoir. The map needs to be revised to depict a separation between this stream segment and the Adder Reservoir. See Figure No. 3.</p>

Segment	Comment (cont.)
106,002,268	3. This stream segment is located immediately downstream of the Higby Reservoir Dam. The blow offs and any leakage from the toe of the dam are directed to this segment. This segment should automatically be classified as a Class 3 stream. See Figure No. 4.
106,002,292	4. This stream segment is located immediately downstream of the Higby Reservoir Dam. The blow offs and any leakage from the toe of the dam are directed through this segment. This segment should automatically be classified as a Class 3 stream. See Figure No. 4.
106,002,158	5. This stream segment lies within the reservoir and connects Higby Reservoir No. 3, Higby Reservoir No. 2 and Higby Reservoir No. 1. This segment flows through a culvert under CT Route 66 between Reservoirs No. 3 and No. 2; and flows through a cast iron pipe through an earthen dike between Reservoirs No. 2 and No. 1. This segment flows through man made conduits between reservoirs and should be classified as a Class 4 stream or deleted since it is within the reservoir.

Please let me know if you have any questions regarding this letter or if you need any additional information for the stream segments discussed above. We would also be happy to arrange a site visit for CT DEEP staff to assist you in your efforts. Feel free to contact me at 860-638-3512 or bob.young@middletownct.gov.

Sincerely,



Robert J. Young
Acting Director Water and Sewer Department

Cc: Lori Mathieu, CT DPH

Middletown Water and Sewer Comment Letter Figures

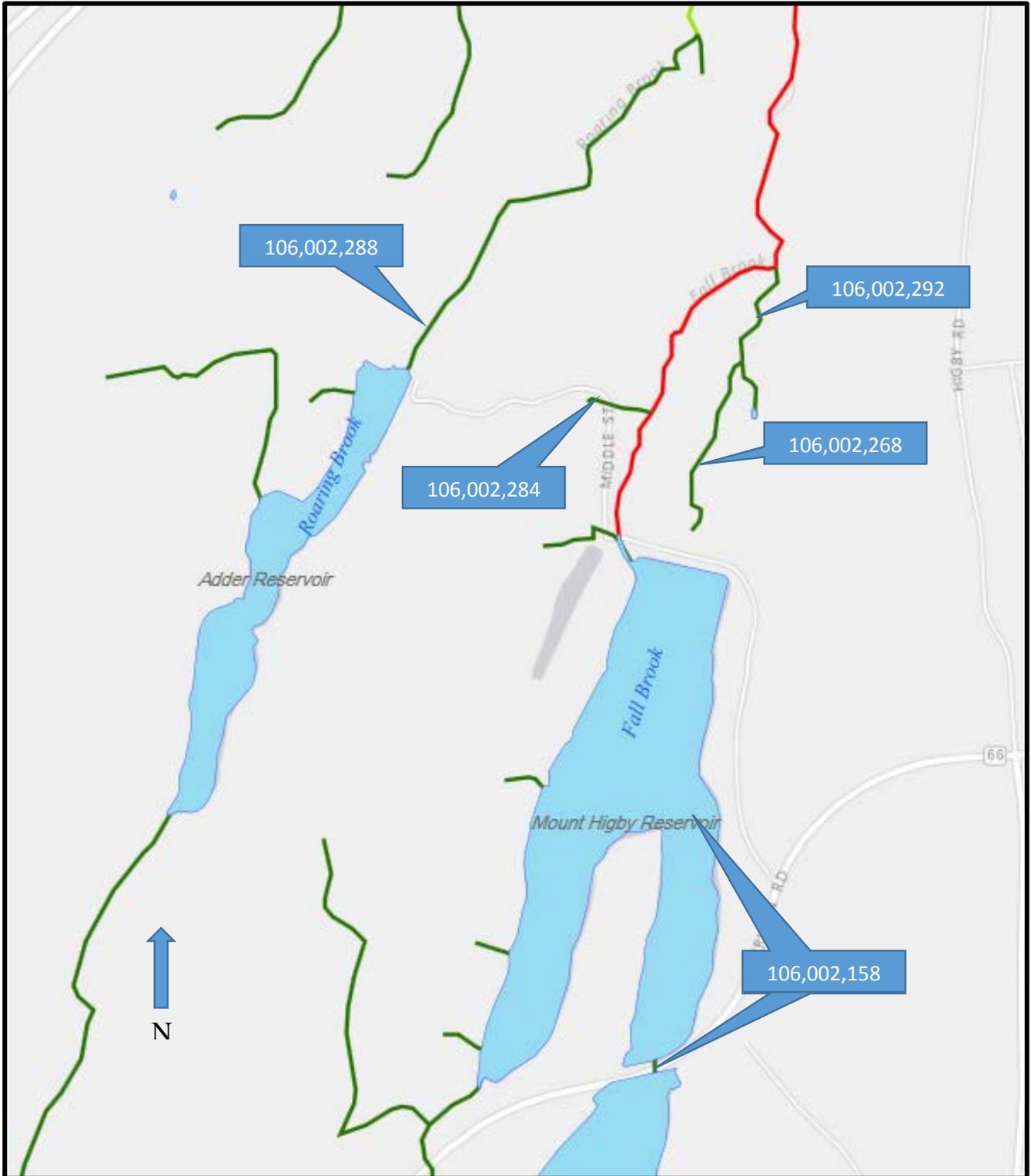


Figure No. 1 – Location Map

Portion of the CT DEEP Proposed Stream Flow Classification Map for the Connecticut River Basin.

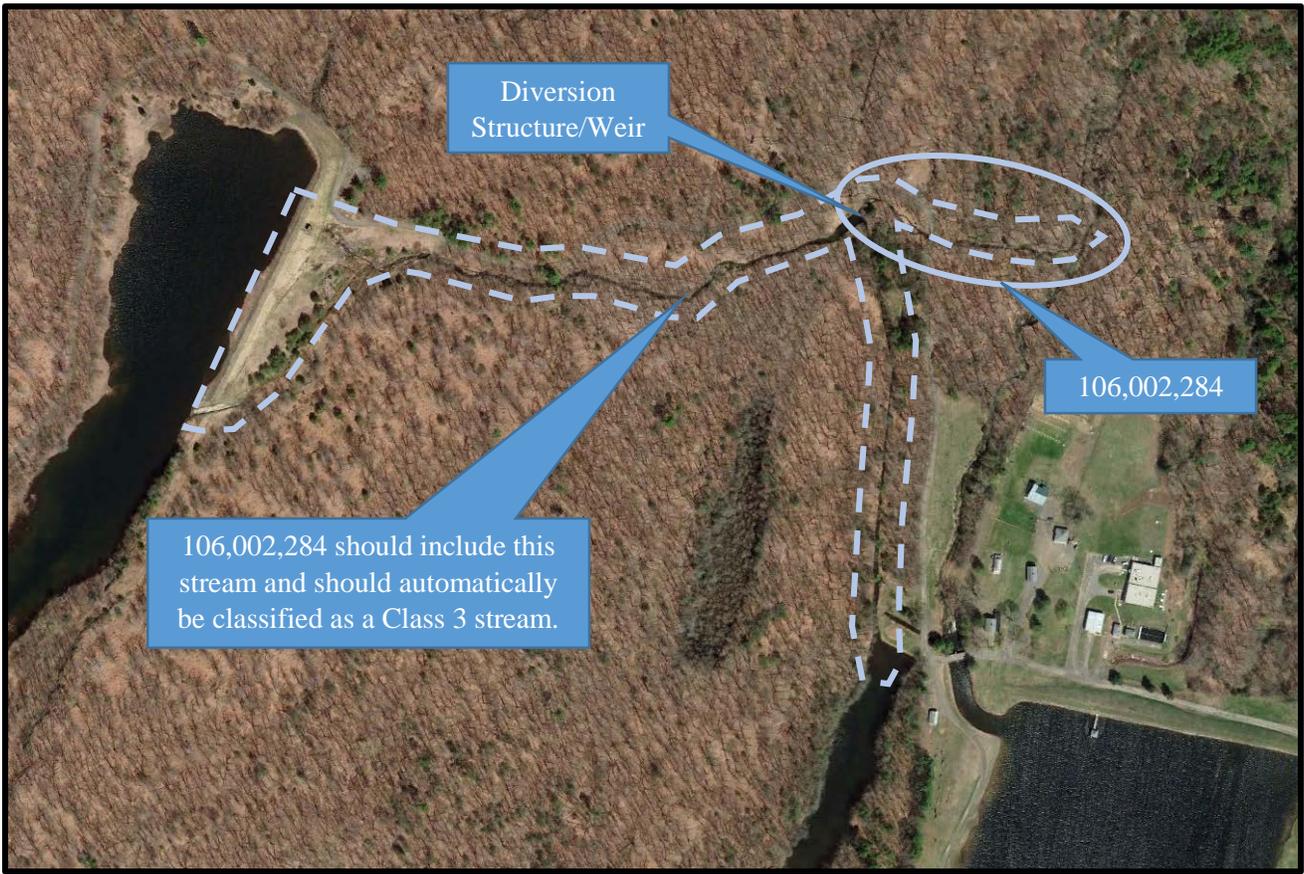


Figure No. 2 -Comments 1.a and 1.b

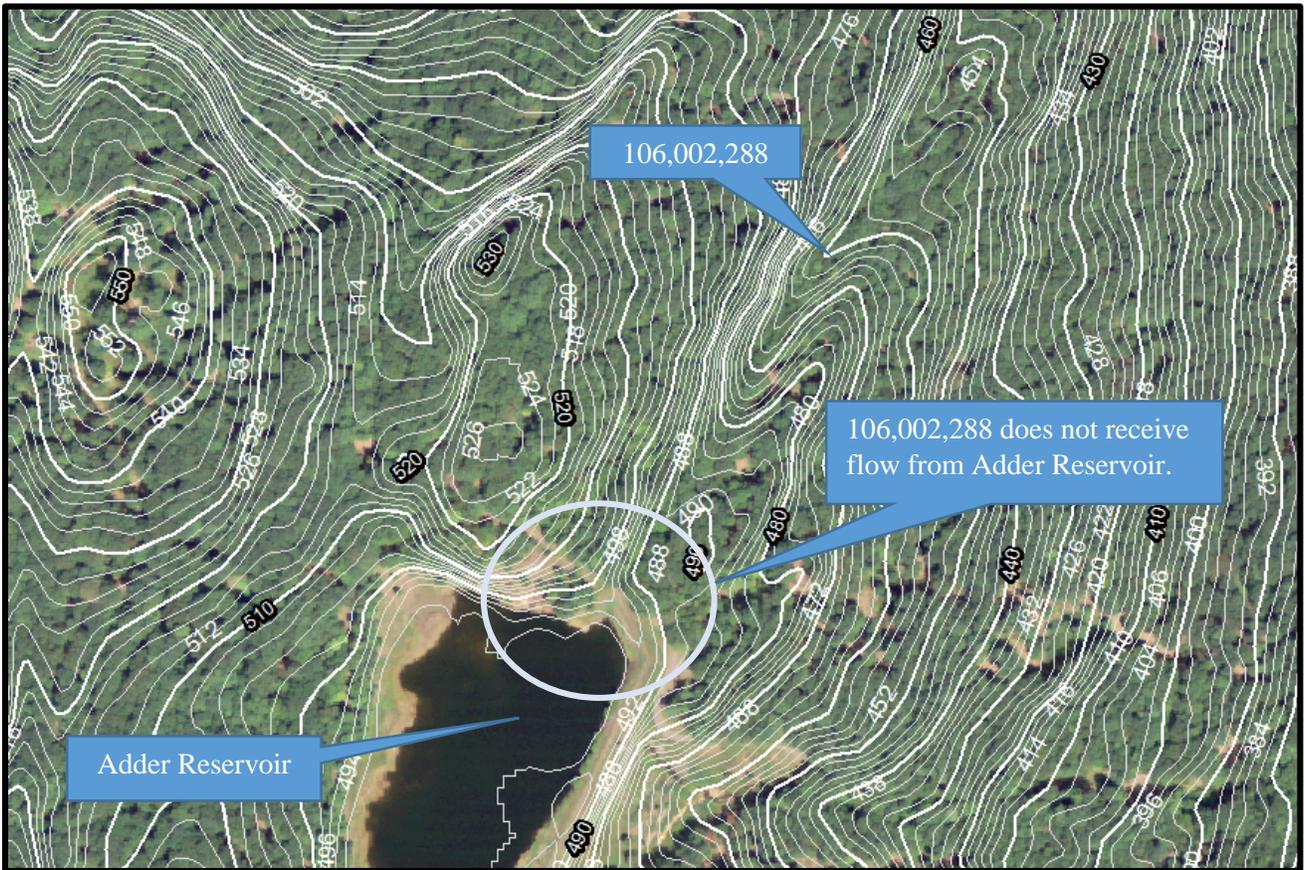
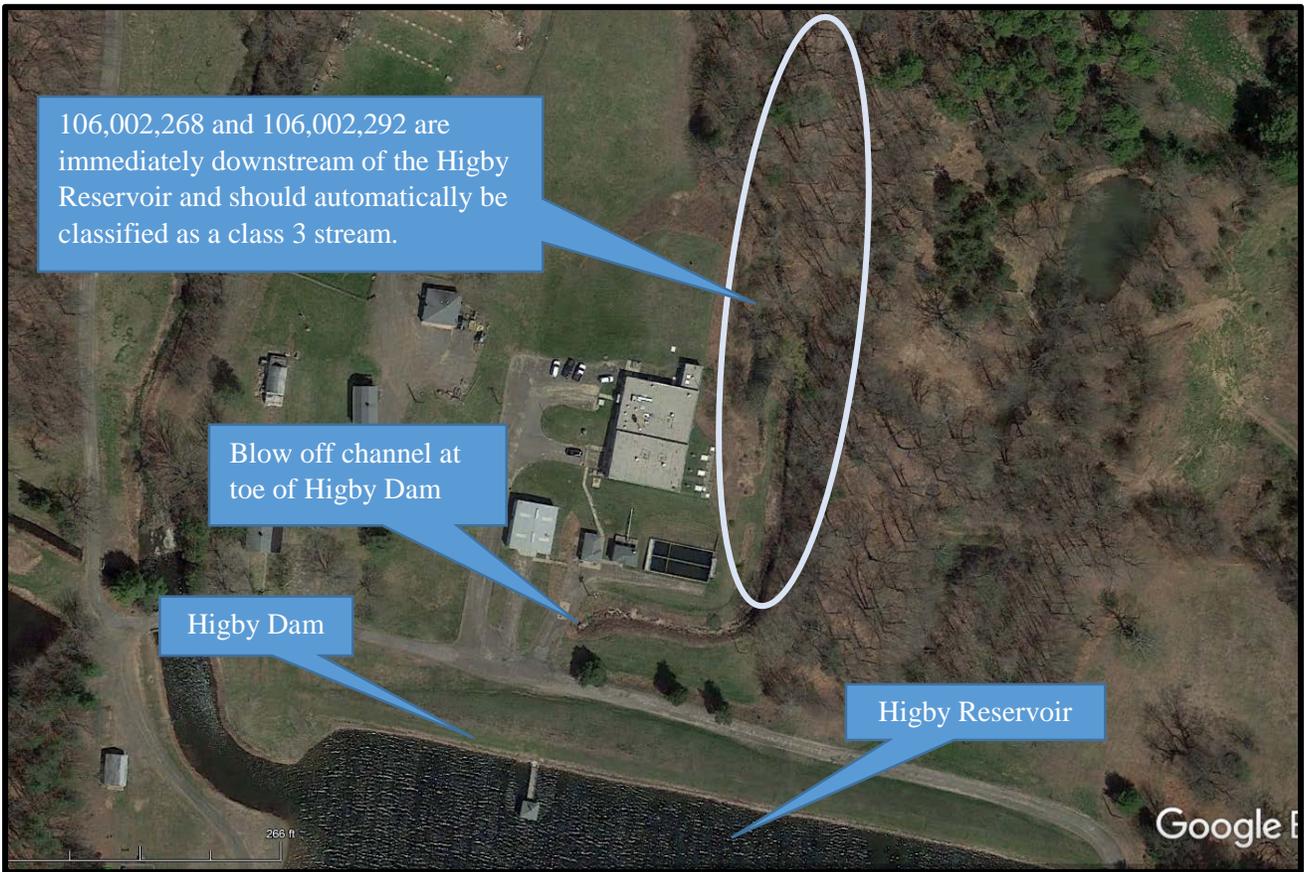


Figure No. 3 - Comment 2



106,002,268 and 106,002,292 are immediately downstream of the Higby Reservoir and should automatically be classified as a class 3 stream.

Blow off channel at toe of Higby Dam

Higby Dam

Higby Reservoir

Figure No. 4 – Comments 3 and 4