

# Catskill Aqueduct Repair and Rehabilitation Project

## HUNTER BROOK

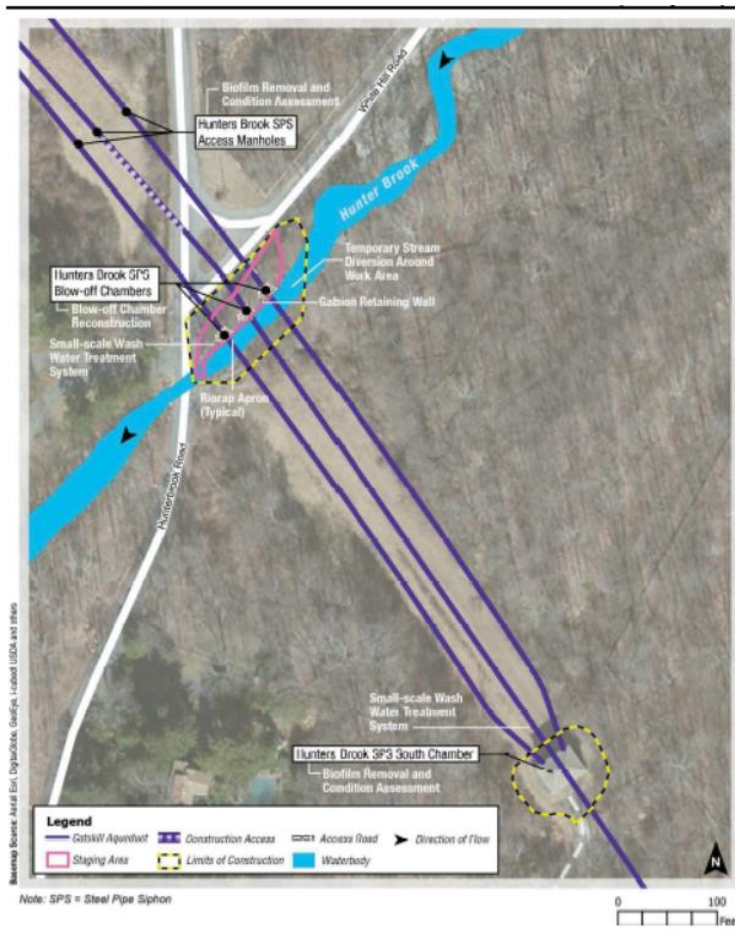


Figure 9.14-7: Site Plan for Hunters Brook SPS Blow-off Chambers and Hunter Brook SPS South Chamber – Jacob Road Study Area



The project team will notify the Westchester County Deputy Commissioner Emergency Management 24 hours prior to unwatering. In the event of an uncontrolled release, the project team will notify the County emergency services call center to help its staff answer any inquiries they might receive. If you have any questions or want additional information about this work, please contact:

DEP Project Manager, (646) 877-7594  
24 Hours a Day, 7 Days a Week

DEP will unwater a portion of the Catskill Aqueduct in your municipality over the next week as part of our ongoing project to rehabilitate the 105-year-old aqueduct. The procedure involves opening and replacing an original valve that is not typically used. During the unwatering there will be a controlled release of water to Hunter Brook at a rate of approximately 78 gallons per second. If the valve malfunctions due to age, there may be an uncontrolled release of water. This uncontrolled release could be at a rate as high as 351 gallons per second for approximately a half hour. The total volume of discharged water would be 576,000 gallons. The receiving body of water, Hunter Brook, has the capacity to contain the full flow of water released from the aqueduct if the valve malfunctions, and impoundments locally on NYC lands will further attenuate flows downstream of the release. The construction team will visually inspect bridges/culverts immediately downstream for any obstructions. No valves will be operated during or after a storm event to ensure the stream has capacity to receive water.