



MEMORANDUM

Date: April 8, 2019

To: Board of Public Works
From: Raymond A Rogozinski, P.E.
Director of Public Works

Re: Subsurface Underdrain Replacement – 131 Battle Street

The Department of Public Works installed an underdrain in 2004 to prevent ground water traveling along the sanitary sewer main from surfacing onto the property of 131 Battle Street. The underdrain did eliminate the condition, however the property owners have indicated that the underdrain has become ineffective and the lawn area is currently saturated with ground water. A map of the area indicating the sanitary sewer and underdrain is attached for reference purposes.

At the time of the original installation, the underdrain was constructed with perforated pipe, crushed stone and soil fabric in accordance with standard construction practices and City standards. The DPW has found that over time the soil fabric and crushed stone of underdrains clog and becomes ineffective. Jetting the perforated pipe does not typically correct the problem and replacement of the underdrain is the only viable option. Therefore the following action is recommended:

Authorize the replacement of the underdrain installed in 2004 at the property located at 131 Battle Street to eliminate ground water saturation of the property.

The estimated cost to perform the referenced work is \$6,300. Please feel free to contact me with any questions or concerns at 860-584-6113.

City of Bristol Public Works
Email: www.bristolct.gov/publicworks
860-584-6125 or 860-584-7791

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