

DANIEL G. LOUCKS, P.E.  
G E O T E C H N I C A L   E N G I N E E R I N G

10 March 2020

Allied Drilling Inc  
PO Box 118  
Sparkill, New York 10976

Re: Infiltration Testing For 249 – 259 Main Street, Nyack, New York  
File No. 3581

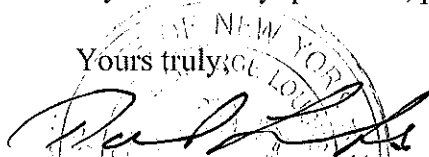
I have enclosed the additional infiltration test results for the referenced project. One soil boring was performed at the staked location by Allied Drilling Inc. They installed, 4 inch diameter solid steel casing in one boring hole to perform the infiltration testing in accordance with NYSDEC Stormwater Appendix D guidelines.

One boring was performed in an adjacent hole, where groundwater was encountered at approximately 9.0 feet below existing grade. The infiltration testing was performed, in a second hole, at a depth of 4 feet and a ground surface elevation of approximately 176 ft. The hole was presoaked approximately 24 hours before the infiltration testing was performed. The infiltration test consisted of filling the PVC pipe with 24 inches of water and then recording the drop in water level over a one hour time. This procedure was repeated 3 times.

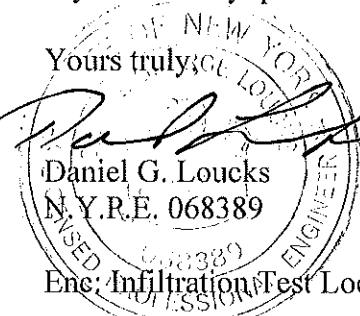
The infiltration testing showed that in the first hour the water level dropped 10.0 inches, in the second hour it dropped 11.0 inches and in the third hour it dropped 10.5 inches.

If you have any questions, please call.

Yours truly,



Daniel G. Loucks  
N.Y.P.E. 068389

A circular professional seal for Daniel G. Loucks, a Professional Engineer in the State of New York. The seal contains the text "STATE OF NEW YORK", "DANIEL G. LOUCKS", "N.Y.P.E. 068389", and "PROFESSIONAL ENGINEER".

Enc: Infiltration Test Location Diagram

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