

**APPENDIX O: LETTER FROM HYDROGEOLOGIST REGARDING 2019 WELL  
VIDEOTAPING**





## **Miller Hydrogeologic Incorporated**

**P.O. Box 996 • 55 Main Street • Pine Bush, New York 12566 • (845)524-2059**

March 7, 2019

ADC Orange, Inc.  
C/O Mr. Dan Gueron  
1995 Broadway  
New York, NY 10023

RE: Water Supply Development  
Well Casing Integrity Investigation  
Maple Wood Village  
Proposed Well Numbers 1 and 3  
Town of Goshen  
Miller Hydrogeologic, Inc. Project No. 16-010.02

Dear Mr. Gueron:

Miller Hydrogeologic, Incorporated (**MHI**) is pleased to present this video report on the well casing integrity for the proposed Maple Wood Village wells numbers 1 and 3. The individual well bore videos are contained on the attached CD.

Prior to conducting the well bore survey a well integrity study was conducted of each well to determine then potential for foreign objects to have been discarded down the well bores. At each location well capping was secured with steel couplings and permanent sealed well caps. Each well cap had been installed with overflow pipes and valves as the wells are artesian. In order to obtain access to the well bores for the videoing the steel couplings were required to be cut as they were partially welded to the steel well casing. Based on the fact that the original testing well caps were still in place and our difficulty in removing the well caps it is our opinion that the wells were not tampered with since their original completions. (Note that new sanitary seal well caps have been installed to replace those removed for this well bore survey.)

A review of the well bore videos confirms a well casing depth of approximately 41 feet from land surface for both wells 1 and 3. Both wells were under artesian flow conditions when investigated. Both wells indicate typical scale deposits along the casing walls. Some small scale deposits were observed beyond the casing within the rock well bore. Original circular drilling marks can still be observed on the well bore face. It should also be noted that the base of each well's casing appear to be firmly seated within the bedrock and show little signs of metal lose or deterioration.



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It is our opinion that wells number 1 and 3 have not been tampered with since original installation, maintain casing integrity and seating into the bedrock and should be able to yield groundwater at then rates originally tested and permitted.

If you should have any questions concerning the well bore video please do not hesitate to contact me.

Very truly yours,

***Miller Hydrogeologic Incorporated***

A handwritten signature in cursive script that reads 'Robert T. Miller'.

Robert T. Miller, PG  
Hydrogeologist  
President  
Attachment

