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6 April 2020

Mr. Ian Bielby, PE
New York State Department of Environmental Conservation
Chief, Section C - Special Projects Bureau
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-0001

Reference: 0405697.13

Re: Addendum to:
Supplemental Hoosic Valley Aquifer Groundwater Source Investigation Work Plan[1]
Order on Consent and Administrative Settlement; Index No. CO 4-20160212-18

Dear Mr. Bielby:

On behalf of Honeywell International and Saint-Gobain Performance Plastics, ERM is pleased to present this addendum to the work plan referenced above. This addendum will address further investigation as recommended by NYSDEC to gain a better understanding of the aquifer system in the geographic area located between the Village Wellfield and the LaCroix/Wysocki test well locations. It is not currently known if the semi-confined aquifer penetrated by the LaCroix and Wysocki test wells is continuous with similar deposits present elsewhere in the Hoosic Valley to the north, Similarly, it also is not known if the semi-confining layer present to the north and in the vicinity of the LaCroix and Wysocki test wells is continuous.

Further investigation, which could be done under the ongoing Municipal Water Supply Study (MWSS) or as part of any pre-design work once the Department selects a remedial action, should be directed to better understand whether the semi-confined aquifer is continuous in the geographic area located between the Village Wellfield and the LaCroix/Wysocki test well locations and specifically to develop information regarding the extent of the confining layer in this area. Therefore, an investigation scope of work is proposed that includes the following elements:

- Investigate aquifer conditions on Property #2[2] (see Figure 1) via the following:

[1] Dated July 2018, hereafter referred to as the "Work Plan". NYSDEC approval was provided in their letter dated 20 June 2018.

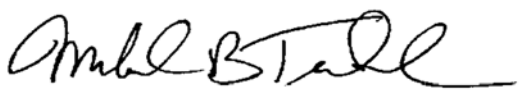
[2] The companies have secured access to Property #2 (see Figure 1). This property is strategically located within the data gap area. The exact location and length of the survey line may change based on direction from the property owner or other access considerations to be determined in the field.

- Conduct a subsurface geophysical survey (seismic and resistivity) along the approximate line shown on Figure 1 and in accordance with Section 2.1 of the Work Plan.
- Based on these results, select two locations for test borings along the geophysical transect extending five feet into the upper bedrock. This work will be conducted in accordance with Section 2.2 of the Work Plan.
- In both boring locations, install a shallow-deep monitoring well couplet. Screen settings will be determined based on the geophysical survey and test boring results. Monitoring well installation and development will follow the methods described in Section 2.3 of the Work Plan. The wells will be surveyed for horizontal and vertical control by a New York State licensed surveyor as per Section 2.8 of the Work Plan.
- The wells will be sampled for PFAS: 22 constituents as listed in Section 2.4 of the Work Plan. Analysis will be conducted by an ELAP-certified laboratory using EPA Method 537-1.1 Modified. This analytical method will achieve detection limits ranging from 2.0 to 10 ng/L. The data will be validated with documentation in a Data Usability Summary Report.
- Collect additional water level data, either in concert with another valley-wide monitoring event, or as a standalone limited project. This work would include:
  - Install and survey a staff gauge in the Hoosic River adjacent to nearest shallow-deep monitoring well couplet and perform a limited synoptic groundwater/surface water level measurement event in selected locations between the Wysocki test well and the Village Wellfield.
  - Monitor water levels in the shallow-deep monitoring well couplet using pressure transducers/data loggers for several days to determine if the water levels respond to cycling of Village Well 7.

- The results of the above tasks will be compiled in a Technical Memorandum and submitted to NYSDEC for review and approval.

The scope of work described above is proposed to be completed in place of the work described in Section 5 of the Work Plan. Please contact Mike Teetsel of ERM at 860-466-8530 or Tim Johnson of Anchor QEA at 315-414-2029 if you have any questions.

Yours sincerely,



Michael B. Teetsel CPG, LEP
Principal Consultant, Geologist

cc: Susan Edwards, NYSDEC
Tim Johnson, Anchor QEA
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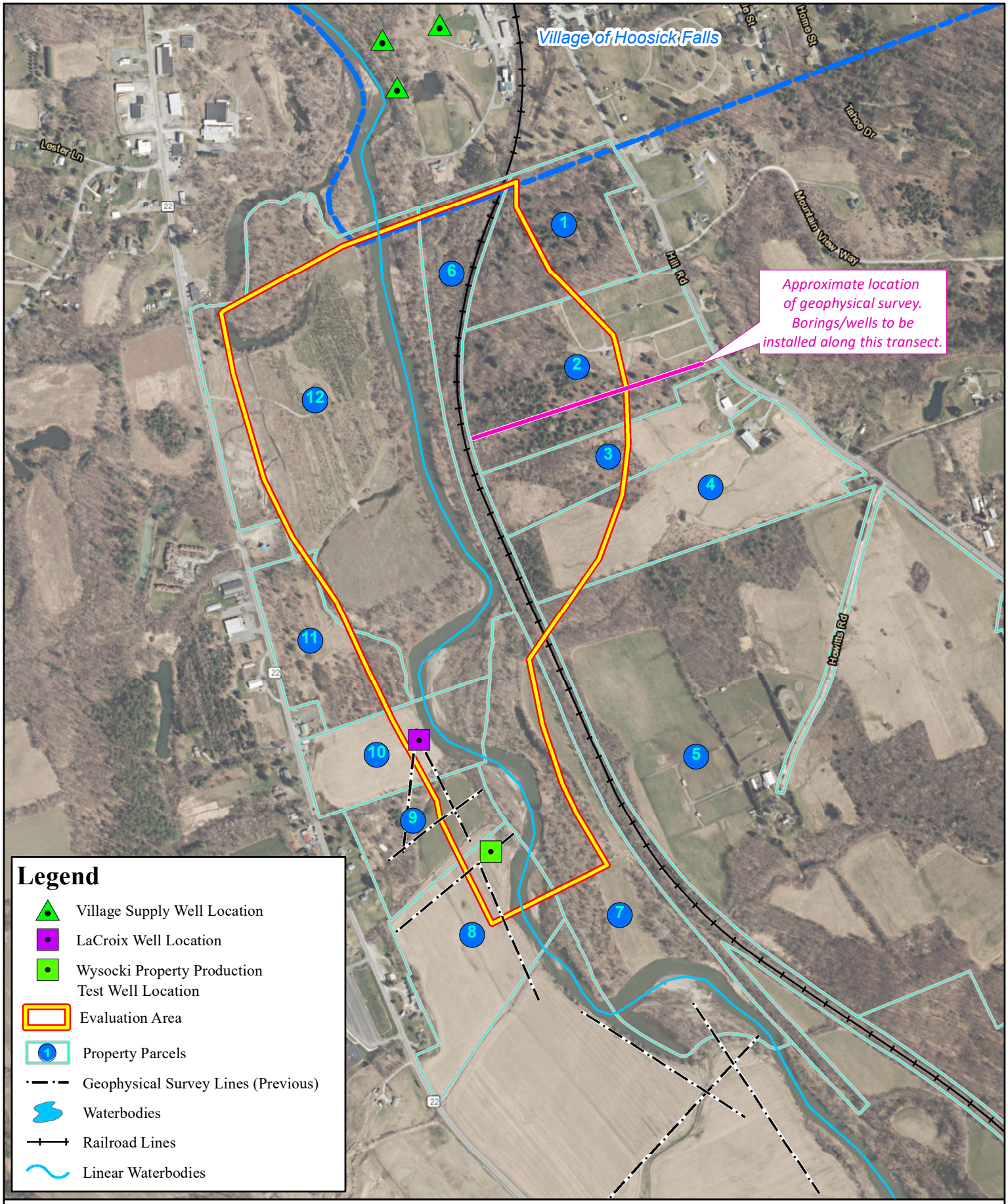
Chris Burns, CHA
Jim Perazzo, ERM
Chris Wenczel, ERM
Maureen Leahy, ERM
Jon Fox, ERM



CHA
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Figure 1 - Proposed Data Gap Investigation

Hoosick Falls Municipal Water Supply Study
Village of Hoosick Falls, Rensselaer County, New York

N W E S

1 inch = 825 feet

Project No. : 32091

April 2020

0 400 800 Feet