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December 6, 2023

Mr. Tim Brinkmann  
Assistant Community Development Director  
Village of Carpentersville  
1200 L.W. Besinger Drive  
Carpentersville, Illinois 60110

Re: Review - Proposed Solar Farm, Huntly Road

Dear Mr. Brinkmann:

HR Green, Inc. (HR Green) has completed a review of the proposed solar farm project on Huntley road. The following information was received by our office via email from you on December 4, 2023:

- Zoning Site Plan for TPE IL KN415, LLC, prepared by Kimley Horn and Associates, dated November 11, 2023, and
- Village of Algonquin, Community Development Department Letter, dated November 15, 2023, including enclosures.

Our review was for compliance with the Kane County Stormwater Management Ordinance (KCSMO) and Village engineering standards.

The following comments are provided below for your consideration:

### **Review Comments**

1. We note the following:
  - a. This development is being proposed within unincorporated Kane County, but is within the Village of Carpentersville planning jurisdiction.
  - b. It is assumed that the development of the property will adhere to the Intergovernmental Agreement (IGA) between the County of McHenry, the County of Kane, the Village of Algonquin, The Village of Carpentersville, the Village of Gilberts, and the Village of Huntly for Mutual Cooperation to Ensure the Safe and Efficient Flow of Traffic Along the Longmeadow Parkway / Huntley Road / Kreuzer Road Corridor. Specifically,
    - i. Kane County should document that Conditions #3 and #5 are met for right-of-way allowances including a 10-foot bike path are met.
    - ii. Kane County should document that Condition #9 for right-of-way dedication for future road widening is met.
    - iii. Kane County should document that Condition #14 is met by requiring that utilities be located to address future Corridor widening projects.
2. The proposed development appears that it will result in site disturbance greater than 5,000 square feet. As such, a stormwater management permit should be required for the site, including site stabilization and perimeter erosion control. We recommend that a completed Kane County Stormwater Management Permit Worksheet be included as part of the permit application.
3. Plans show "Proposed Water Quality BMP, Typ." Additional information should be provided regarding the water quality treatment.



4. Additional information should be provided on the plans to identify any public utility improvements required as part of the project.
5. A drain tile survey should be conducted for the site.
6. Plans should include a maintenance plan for the water quality treatment BMPs.
7. Plans should include a planting and maintenance plan for the site, including the proposed berm.
8. Very little information is show on the plans for the screening buffer. We recommend that the Village provide comments regarding buffer requirements.

Our review did not include field verification of existing conditions, elevation grade and topography as shown on the plans, and we disclaim responsibility for any errors or omissions. The developer, his engineer and his surveyor retain responsibility for the accuracy of the existing field conditions and design of public improvements notwithstanding our review and subsequent approval of the plans, plat and specifications by the Village. Approval of the stormwater management report and engineering plans does not relieve the developer or the contractor of their full obligation to comply with all local, state and federal rules and regulations.

Please do not hesitate to contact me at 815.759.8386 with any questions.

Sincerely,

HR GREEN, INC.

A handwritten signature in black ink, appearing to read 'Andrea H. Pracht'.

Andrea H. Pracht, PE, CFM  
Project Engineer

cc: Mr. Ben Mason, Village of Carpentersville  
Mr. Kevin Gray, Village of Carpentersville  
Mr. Ajay Jain, HR Green