

November 18, 2025

Mr. Ralph Meima
Senior Project Developer
Greenwood Sustainable Infrastructure LLC
134 East 40th Street
New York, NY 10016

Re: **Tri-County Landfill Cover Soil Suitability**
Solar Photovoltaic Development
7N904 IL-25, Kane County, Illinois 60177

Dear Mr. Meima:

Weston & Sampson Engineers, Inc. (Weston & Sampson) is pleased to provide this cover soil suitability letter for the proposed solar photovoltaic (PV) development atop the closed Tri-County Landfill.

The final cover of the Tri-County landfill within the proposed project area is assumed to follow the Geosynthetic Cap Detail from the Record Drawings Tri-County Landfill sheet set prepared by Earth Tech, dated October 2000. The Geosynthetic Cap Detail shows the cover soils over the capping layer to be approximately 18 inches thick. The landfill capping cross section indicates the cover soils consist of an approximately 6-inch thick topsoil layer over an approximately 12-inch thick rooting zone layer. Below the cover soils are a drainage geonet overlaying a 40-mil low density polyethylene (LLDPE) geomembrane. A geotextile cushion separates the cover soils from the drainage geonet.

The proposed solar PV development will encompass approximately 25.5 acres of the 45.3-acre parcel located at 7N904 IL-25 in Kane County, Illinois. The PV array is to be supported on concrete ballasted foundations to prevent any subsurface construction on the cap. The foundations will have a low bearing pressure, typically less than 10 psi. The blocks will be placed on gravel leveling pads to meet the foundation manufacturer's requirements. The landfill cap will be protected with a layer of geotextile fabric between the topsoil and the leveling pad. The proposed solar PV array is designed for compatibility with local climate conditions in Illinois.

The final cover system outlined above is typical of a capped landfill system. It is our assumption, based on past experience with similarly capped landfills, that the cover soils at the Tri-County Landfill can adequately support a ballasted solar PV system.

If you have any further questions or require any additional information, please feel free to contact me by phone at (978) 532-1900 or by email at bukowski.rob@wseinc.com.

Sincerely,
WESTON & SAMPSON ENGINEERS, INC.



Tara Garani
Engineer III



Robert J. Bukowski, P.E.
Project Manager