



site work.

3. Should the site introduce more than 5,000 square feet of impervious, a BMP will be required for all impervious surfaces.

4. A calculation for disconnected impervious area, created by the panels, will be required. A Best Management Practice will be required to encourage infiltration of runoff within the site.

5. A drain tile study will be required, including upstream and downstream tile systems that rely on the drain tiles within the site. Water Resources is looking for the protection of the tile system that is in place, including but not limited to replacement in kind and observation and cleanout structures.

6. Plantings within the development will not interfere with drain tiles. Planting plan should address the placement of vegetation and trees with long root systems that can interfere with tile systems and cause off site issues including surcharged drain tiles and blow outs of the drain tile systems.

7. Soil samples shall be taken from the site and analyzed for physical, chemical, and biological properties to demonstrate the soil health within the solar installations. Samples shall be taken prior to development and a sampling schedule will be developed to take place over the life of project at the time of permitting.

8. 80% vegetative coverage for plantings will be a requirement for the site. For agriculture use of the site a cover crop will be required.

Development Committee: To be determined

### **Summary:**

**Petition # 4631 Petitioner: Michael Vondra (TPE IL KN309, LLC)**