

Rutland East Solar Farm, LLC

Preliminary Stormwater Management Program

Surya Powered, LLC is committed to implementing the **best management practices (BMPs)** deemed appropriate and applicable to the construction of the Rutland East Solar Farm, LLC (RESF) after review by Kane County staff during the permitting process.

- Stormwater Management Permit and NPDES Permits will be obtained.
- Pre-Construction Base Flood Elevation (BFE) will be determined.
- Onsite wetlands and flood plain areas are delineated on the site plan.
- Soil mapping is reflected in the KDSWCD NRI report.
- Volumetric BMP will be implemented for all impervious, including, but not limited to pedestals, panels, and access road.
- Drain tile survey will be completed after SUP process is concluded; identifying existing conditions and needed repairs or replacements.
 - Runoff calculations, release rates and discharges will be calculated at civil permitting.
 - Stormwater conveyance/swales will be sized per County requirements.
 - No sanitary or drain tile connections are planned.
- General BMPs to be implemented
 - Site plan design is based on existing contours; no significant grading is anticipated.
 - Existing vegetation will be preserved where possible while the onsite seeding program of pollinator-friendly plantings will be pursued after main construction is complete.
 - Manage runoff to protect vulnerable areas and storm drains using barriers, wattles, matting, etc.
- Ongoing maintenance BMPs
 - Create an emergency spill response plan.
 - O&M personnel training regarding equipment and landscaping.
 - Involve local fire departments regarding the site plan and emergency response plan.
- Water quality factors
 - A SWPPP and TESC plan will be developed for the project; utilizing a combination of silt fences, storm drain inlet barriers, matting, or other mechanisms deemed necessary by the County.
- Stabilized construction entrance and sediment trap(s) will be implemented, as required.
- Access road culvert(s) will comply with County design requirements and/or weight limitations associated with construction and/or fire equipment.

