Solar Energy Projects: Stormwater, Sediment Control, Drainage, and Vegetation Management

Stormwater and Sediment Control

- A Stormwater Pollution Prevention Plan (SWPPP) is required by the National Pollutant Discharge Elimination System (NPDES) permit for erosion control and stormwater management
- Sediment and Erosion Control Best Management Practices (BMPs) include:
  - Straw bales
  - Silt fence
  - Revegetation
  - Stockpile and redistribute topsoil

Drain Tile Maintenance

- Drain tiles are located using:
  - Publicly available sources
  - Property owner questionnaires
  - Field observations
- At a minimum, damaged drain tiles will be repaired and/or replaced
- A Complaint Resolution Plan will facilitate the resolution of complaints filed by landowners and community members, including complaints related to drain tiles

Vegetation Management

- Existing wooded areas and native vegetation will be maintained and protected to the maximum extent possible
- The site will be reseeded with a native and naturalized seed mix recommended by state, regional, and local resources
- Vegetative buffers will be installed to protect natural and sensitive resources
- The Vegetation Management Plan will detail methods for vegetation establishment, controlling noxious and invasive plant species, and maintaining proper visual mitigation vegetation