

Photos of Utility Scale Solar Power Plants Under Construction

Observations and Conclusions:

- Muddy conditions will exist across the site during and after construction.
- Temporary soil stabilization measures, such as spreading a layer of mulch, will not be effective in active construction zones.
- Problems are likely to be severe with the non-hydric soils (Virginia clay) that is prevalent across the proposed Spotsylvania site.
- Project construction should be staged over several years to limit the risk to the wetlands and streams.
 - Muddy runoff management techniques can be demonstrated before sensitive environmental areas are put at risk.
 - Construction timing for each stage should be specified to ensure grass can be grown when construction is completed for permanent stabilization.

Essex Solar Center – Essex County, VA



Ribbon Cutting Ceremony January 24, 2018
Coronal Energy, Landowners, Public Officials



Muddy Runoff 2 Weeks Later – After Only ½" Rain

Photos of Various Solar Construction Sites

Muddy Mess With Construction Nearly Completed



Photos of Various Solar Construction Sites

Muddy Mess Right Up To Fence



Photos of Various Solar Construction Sites

Working on Electrical Connections Below Fixed Panels



Photos of Various Solar Construction Sites

Holes Dug Around Panel Support Posts



Photos of Various Solar Construction Sites

Installing Posts



Photos of Various Solar Construction Sites

Installing Fence Posts and Support Posts

Note: Silt Fence But No Berms



Photos of Various Solar Construction Sites

Installing Fixed Frames – Note Little Silt Barrier



Photos of Various Solar Construction Sites

Installing Fixed Panel Frames



Photos of Various Solar Construction Sites

Digging Continues After Posts Installed



Photos of Various Solar Construction Sites

Digging Trenches for Electrical Cables



Photos of Various Solar Construction Sites

Installing Electrical Cable in Trench



Photos of Various Solar Construction Sites

Large Trench for Electrical Cables



Photos of Various Solar Construction Sites

View Down Access Road



Photos of Various Solar Construction Sites

Nearing Completion – Note Single Row of Evergreens for Visual Barrier



After Construction Completed February, 2018

23 Acres, 4.5 MW – Richmond, RI

Neighboring Landowner Looks at Muddy Mess and Runoff Onto His Property



After Construction Completed February, 2018

23 Acres, 4.5 MW – Richmond, RI

Runoff Problems Continue in April 2018 (below)
Note Water Spilling Over Silt Fence

