

45 Oak Street Runoff

In response to the runoff issue we are encountering at the solar site located at 45 Oak Street in Douglas we have been working with our site owner, Bluewave, our civil contractor, Bates Construction, our SWPPP monitor, Fuss & O’Niel, and our engineer of record, Beals & Thomas to evaluate the situation and come up with a plan to limit any future incidents to the best of our ability. Below is a breakout of measures installed and actions taken in the past week while we continue to work to construct basin #5, and attached is a mark up of where these items were installed.

Actions Taken for Cleanup:

- Hired a wetland scientist from Weston and Sampson to develop cleanup plan who will also monitor cleanup activities. The scientist went to site end of last week and will have the final plan ready for circulation this week.
- We will request the approval to install a turbidity curtain at the entrance to Manchaug Pond to catch any further runoff.

BMP Measures Implemented:

- Additional “super” silt fence added in multiple locations to limit flow and pooling in northern corner.
- Additional straw bales and silt fence added to slow water flow.
- Temporary sediment basins added in areas detailed below.
- Reduced channeling caused by construction of basin #5 leading to area where water is pooling by the utilization of a bulldozer and flattening the area.
- Pumping basins #1 & #2 as needed to prevent overflow during these unseasonable rain events.
- Site is ready to have temporary stabilization, straw mulch is scheduled to be put down on 12/22 or sooner weather permitting.
- Continue construction on basin #5 to ensure additional storage can be achieved and planned for the long term.

While we are working diligently to add temporary measures to limit any repeat incidents in the short term, our best long-term solution is to complete construction of the permanent civil features and establish grass growth. As of now we are on track to have basin #5 graded and functional by the end of next week, with an outlet and control structures on track to be installed during the first week of January, and we will be in good shape to begin seeding the site as soon as weather allows next year.

We look forward to getting our clean up procedures out for review and beginning that process, and feel free to reach out to me if you’d like to have any further discussions.

Thank you,

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