



DEPARTMENT OF THE ARMY
WILMINGTON DISTRICT, CORPS OF ENGINEERS
69 DARLINGTON AVENUE
WILMINGTON, NORTH CAROLINA 28403-1343

April 14, 2017

Visitor Assistance Center

Mr. Julian Jordan
ULTIMATE LED SOLUTIONS
116 Club House Drive
Cape Carteret, NC 28584

Dear Mr. Jordan:

We have reviewed your solar powered dock light plan and found it to meet the specifications in our 2016 Shoreline Management Plan. Installation of the self-contained solar light and associated panel on a floating structure may be permitted providing the applicant meet all the necessary requirements associated with a shoreline use permit at John H. Kerr Lake.

The John H. Kerr Project requires all lights and solar panels be permanently attached to a permitted floating facility. All switches, receptacles and fixtures on the dock structure must be a minimum of 2 feet above the decking. Solar power installed on the dock must not exceed 12 volts, be a stand-alone system, and all the wiring must be fully enclosed in conduit.

Additional requirements include: All lighting must be "Dark Sky Friendly," full cut off, shielded downward and white in color. Also all lights across the John H. Kerr Project must be mounted on commercially approved poles of metal, treated wood or other approved material, non-decorative in nature and suitable for the environment served. The solar powered light plan provided by Ultimate LED Solutions meets the above criteria.

The lighting requirements above only pertain to shoreline use permit holders at John H. Kerr Lake. However, it would be my pleasure to send you additional contact information for other Corps of Engineer Lake Projects. Please advise your clients we will request submittal of a specification sheet with each application. I hope the above answers your questions sufficiently. If you have further questions or concerns give me a call at 434-738-6143. Also, please visit our website for current information on the John. H. Kerr Project:

<http://www.saw.usace.army.mil/Locations/District-Lakes-and-Dams/John-H-Kerr/Shoreline/>

Sincerely,

A handwritten signature in black ink that reads "Blake Goforth".

Blake Goforth
Chief Ranger, Shoreline