

Engineer's Certification of Liner Design Documentation Greenidge C-Pond CCR Surface Impoundment

1. Compliance Requirement

EnSol Inc. has been retained by Greenidge Generation LLC to document whether the C-Pond CCR surface impoundment was constructed with a liner system in accordance with 40 CFR 40 257.71(a)(1). Per 40 CFR 257.71(a)(1) the following liner systems apply:

- A liner consisting of a minimum of two feet of compacted soil with a hydraulic conductivity of no more than 1×10^{-7} cm/sec;
- A composite liner that meets the requirements of 40 CFR 257.70(b); or
- An alternative composite liner that meets the requirements of 40 CFR 257.70(c).

2. Findings

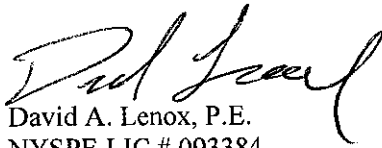
Specific design information regarding C-Pond is not available, however, it is known that when C-Pond was constructed, it was designed to facilitate infiltration into the subsurface sediments. Therefore, C-Pond does not meet the liner system requirements in 40 CFR 257.71(a)(1).

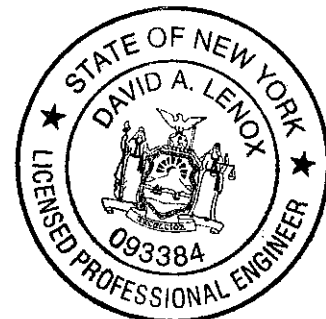
3. Certification

I hereby certify that the Liner Design Documentation for the Greenidge CCR surface impoundment owned and operated by Greenidge Generation LLC per 40 CFR 257.71(a) of the Federal Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals (CCR) from Electric Utilities; Final Rule (40 CFR 257) is accurate.

As used herein, the word "certification" and/or "certify" shall mean an expression of the Engineer's professional opinion to the best of his or her information, knowledge, and belief, and does not constitute a warranty or guarantee by the Engineer.

I am a duly licensed professional engineer in the State of New York.


David A. Lenox, P.E.
NYSPE LIC # 093384



11/20/2020

ENSOL, INC.

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ENGINEERING + ENVIRONMENTAL

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