



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Pat McCrory
Governor

Dexter R. Matthews
Director

John E. Skvarla, III
Secretary

January 22, 2014

Mr. Donald Plessinger
General Manager
Red Rock Disposal LLC/Waste Industries, Inc. C&D Landfill
7130 New Landfill Drive
Holly Springs, NC 27540

Re: Leachate Evaporation System Demonstration Approval
Red Rock Disposal LLC
Wake County
Permit No. 9228
DIN 20432

Dear Mr. Plessinger,

The Solid Waste Section (Section) has reviewed the "Proposal for Demonstration of Leachate Evaporation System" at the Red Rock C&D Landfill submitted by Smith Gardner, Inc. on January 15, 2014 (DIN 20431). The demonstration is proposed to help mitigate a liquid seep along the southern sideslope of Phase 1A. A sump will be installed in the sideslope where liquids will be collected from Phases 1A and 1B. The liquids will be evaporated using a New Waste Concepts Typhoon Fixed Praying Mantis Evaporation System. The Section approves this demonstration. The plan should be implemented for a six month trial period from date of operation after which a progress report shall be submitted. If successful, the procedure can be incorporated into the operation plan of the facility.

If you have any questions, please do not hesitate to contact myself or Elizabeth Werner via Ed.Mussler@ncdenr.gov or (919) 707-8281, Elizabeth.werner@ncdenr.gov or (919) 707-8253.

Sincerely,

Edward F. Mussler, III, P.E.
Permitting Branch Supervisor
Solid Waste Section

Cc: Joan A. Smyth, P.G. – Smith Gardner, Inc.
Elizabeth Werner – SWS Permitting Hydrogeologist
Pat Backus, P.E. – SWS Permitting Engineer
Shawn McKee – SWS Environmental Specialist
Dennis Shackelford – SWS, Eastern District Supervisor
Jackie Drummond – SWS Compliance Hydrogeologist Central File