



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

December 23, 2020

Via Electronic Mail to Bradley (Todd) Nowland at tnowland@nfasolutions.com

Mr. Bradley Nowland, Principal
NFA Solutions Group, Inc.
4788 Holly Drive
Palm Beach Gardens, FL 33418

Re: **Advanced Microbial Degradation (microDEG™ Process)**
The FDEP Innovative Technology Application Number: 1948

Dear Mr. Nowland:

The Florida Department of Environmental Protection's Division of Waste Management (Division) has reviewed the information provided on the Advanced Microbial Degradation (microDEG™ Process). Per NFA Solutions Group Incorporated description, the microDEG™ Process is a closed-loop re-injection-type system that combines groundwater recovery, soil washing, air sparging, and bioremediation.

The microDEG™ Process was originally reviewed by the Division on December 16, 2003 (under Innovative Technology Application Number 1294) and on July 18, 2018 (under Innovative Technology Number 1657). The method has not changed since that time, but the name of the method has changed from Levuk Method to microDEG™ Process.

The Department has no objections to using the microDEG™ for site remediation, as long as the detailed site-specific design and evaluation of its applicability and cost-effectiveness are provided and approved in the site-specific Remedial Action Plan.

Note: The subject acceptance letter addresses only the microDEG™ Process, not the injectants. If remediation solutions are proposed to be injected or recirculated through the microDEG™ Process, the user must ensure that the formulations and their pre-injection concentrations meet all applicable regulatory requirements. The regulatory compliance evaluation can be accomplished in a site-specific Remedial Action Plan or through the FDEP Innovative Technology Acceptance Program.

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microDEG™

If you have any questions, contact Elena Compton at (850) 245-8911, through Mail Station 4535 at the letterhead address, or by e-mail at Elena.Compton@dep.state.fl.us.

Sincerely,



Elena Compton, M.S., P.E.
Professional Engineer III
District and Business Support Program
Division of Waste Management, FDEP

ec: David Levy, P.G., Principal, NFA Solutions, Inc. at davidlevy@sert.comcastbiz.net