

Consultants in: Geotechnical Engineering • Environmental Engineering • Construction Materials Testing • Threshold Inspection

> July 10, 2019 Revised June 22, 2020

Innovative Waste Consulting Services, LLC 3720 NW 43rd Street, Suite 103 Gainesville, FL 32606

Attention: Dr. Pradeep Jain, PhD., P.E.

Reference: Report of Geotechnical Consulting Services -

Deerhaven Generating Station

CCR Units Groundwater Monitoring Systems Design and Construction

10001 NW 13th Street

Gainesville, Alachua County, Florida UES Project No. 0230.1500077 UES Report No. 1674191

Dear Dr. Jain:

Universal Engineering Sciences, LLC (UES) has completed the geotechnical engineering services for the subject project in Gainesville, Alachua County, Florida. This geotechnical Report is submitted in satisfaction of the contracted scope of services as summarized in UES Proposal No. 1628806, dated November 30, 2018. UES had previously prepared a Report of Geotechnical Consulting Service for the subject site UES Report No. 1410366 dated April 6, 2017, which included a groundwater monitoring plan. Due to some stormwater drainage improvements, we were asked to abandon three existing groundwater monitoring wells downgradient of the CCR landfill and replace with three new downgradient wells within the vicinity of the landfill.

The following report presents the design of the groundwater monitoring systems that will be used to collect groundwater samples around the CCR surface impoundment system and the CCR landfill at the Deerhaven Generating Station (DGS). This report was prepared under the supervision, direction and control of the undersigned registered professional engineer (PE), and in accordance with the requirements of 40 CFR 257.91. Per 40 CFR 257.91(f), the undersigned PE certifies that the groundwater monitoring system has been designed and constructed to meet the requirements of 40 CFR 257.91.

We appreciate the opportunity to have worked with you on this project and look forward to a continued association. Please contact us if you have any questions, or if we may further assist you as your plans proceed.

> Sincerely, UNIVERSAL ENGINEERING SCIENCES, LLC

> > ARDO SUA

No 60272

Certificate of Authorization Number 549

Timothy E. Kwiatkowski, P.E. Project Geotechnical Engineer Florida P.E. No. 86444

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Eduardo Suarez, P.E. Senior Geotechnical Engineer Florida P.E. No. 60272

This item has been electronically signed and sealed by Eduardo Suarez, PE on the date adjacent to the seal using Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.