



June 20, 2016

Mr. F. Thomas Lubozynski, P.E.
Waste & Air Resource Program Administrator
Florida Department of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803-3767

**Re: Request to Adjust Withdrawal Rates from Select Landfill Gas Extraction Wells
Volusia County's Tomoka Farms Road Landfill**

Dear Mr. Lubozynski:

Volusia County (County) operates its landfill gas management system in compliance with New Source Performance Standards (NSPS) guidelines and Title V Permit No. 1270117-008-AV. The County has received Florida Department of Environmental Protection (Department) approval to cease the withdrawal from a number of wells in the vicinity of an area of subsurface elevated temperatures, and has implemented the cessation of landfill gas withdrawal from these selected locations.

Based on current research funded by the Environmental Research and Education Foundation (EREF), the controlled removal of landfill gas in the area of elevated temperatures may assist in the lowering of subsurface temperatures within the affected area. The County wishes to begin the controlled extraction of landfill gas from the wells within the area of elevated temperature. The rate of extraction will be closely monitored to protect against the intrusion of oxygen, which would be counterproductive, while periodically monitoring the temperature to learn if the controlled extraction is having the desired impact. The County is, therefore, seeking Department approval to initiate the controlled extraction of landfill gas from the following extraction wells:

VC2EW11R	VC2EW12R	VC2EW13R	VC2EW14R	VC2EW15R
VC2EW16R	VC2EW17R	VC2EW-71	VCH2EW02	

The Department's assistance in the review of this request is greatly appreciated.

Very truly yours,

S2L, Incorporated

Samuel B. Levin, P.E.
President

cc: Lenny Marion – Volusia County
Junos Reed – Volusia County
Jennifer Stirk – Volusia County
Debra Reinhart – University of Central Florida

J:\S2Li Projects\Volusia County\16-646 Elevated Temperature Study - TFR\Final\Letter to FDEP to reopen wells.docx