

## Smith, George

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**From:** Al-Khalaf, Laila <LAI-Khalaf@scsengineers.com>  
**Sent:** Thursday, September 16, 2021 5:50 PM  
**To:** SWD\_Waste  
**Cc:** Cooper, Dan; Spradlin, Kollan; Byer, Kimberly (ByerK@hillsboroughcounty.org); Ruiz, Larry (RuizLE@HillsboroughCounty.ORG); Townsend, Stephen; Gray, Walter  
**Subject:** 2021 Visible Emissions Test Completion Report - Southeast County Landfill (Facility ID 0570854)  
**Attachments:** Southeast County Landfill Facility ID 0570854 - Visible Emissions Report.pdf

To Whom it May Concern,

Please accept the attached 2021 Visible Emissions Test Completion Report for the Southeast County Landfill (Facility ID 0570854) located in Hillsborough County, Florida.

Please respond to this email acknowledging your receipt of this submittal and let us know if you have questions or require additional information.

Thank you,  
Laila Al-Khalaf, E.I.  
Staff Professional  
SCS Engineers  
3922 Coconut Palm Drive, Suite 102  
Tampa, FL 33619  
813.270.0518 (C)  
[lal-khalaf@scsengineers.com](mailto:lal-khalaf@scsengineers.com)

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September 16, 2021  
File No. 09215600.12

Southwest District  
Florida Department of Environmental Protection  
Air and Solid Waste Permitting  
13051 N. Telecom Parkway  
Temple Terrace, Florida 33637-0926

via email: SWD\_Air@dep.state.fl.us

Subject: Visible Emissions Test Completion Report  
Southeast County Landfill  
Hillsborough County, Florida  
Permit Number 0570854-012-AV

Dear Sir/Madam:

On behalf of the Hillsborough County Public Utilities Department, Solid Waste Management Division (SWMD), SCS Engineers is submitting the 2021 annual Visible Emissions (VE) test results for the landfill gas (LFG) utility flare designated EU-008 located at the Southeast County Landfill. Certification by a responsible official, pursuant to subsection 62-213.420(4), F.A.C. is included in **Attachment 1**.

## EMISSIONS TEST REQUIREMENTS

The performance test for the flare was performed for visual determination of fugitive emissions in accordance with Section B.7, Test Methods and Procedures, of Permit 0570854-012-AV, and 40 CFR 60.18 and 60.8 of the federal New Source Performance Standards (NSPS). Among other conditions, this section of the NSPS requires that the flare shall be operated with no visible emissions.

## VISIBLE EMISSIONS

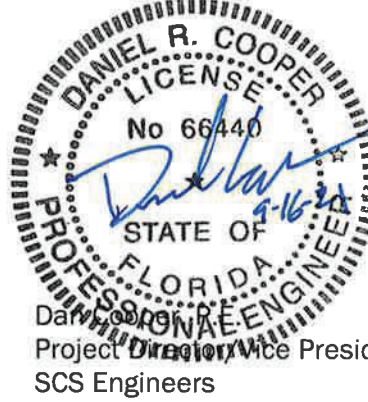
The testing was conducted over a 2-hour period on September 2, 2021. In accordance with §60.18(c)(1) and condition B.7 of the Title V Permit, no visible emissions were observed during the test period as shown in the test results included in **Attachment 2**.

Please feel free to contact us at 813-621-0080 should you have any questions or require additional information.

Sincerely,



Sara Perez Lopez  
Associate Professional  
SCS Engineers



Daniel R. Cooper  
Project Director / Vice President  
SCS Engineers

cc: Walter J. Gray, SWMD  
Larry E. Ruiz, SWMD

Attachment 1  
Responsible Official Certification

**RESPONSIBLE OFFICIAL CERTIFICATION**

**Facility Name:** Southeast County Landfill  
**Facility Address:** 15960 CR 672  
Lithia, FL 33547  
**Air Permit No:** 0570854-012-AV  
**Report Certified:** 2021 Annual Visible Emissions Test Report

**Certification:**

I, being a responsible official for the facility, hereby certify that, based on the information and belief formed after reasonable inquiry, the statements made in this report are true, accurate, and complete.

  
Authorized Signature

9/16/2021  
Date

Kimberly Byer – Division Director  
Printed or Typewritten Name & Title

Attachment 2  
Visible Emission Test Report

**ATTACHMENT 2. VISIBLE EMISSION TEST REPORT**  
**Southeast County Landfill, Hillsborough County, Florida**  
**Outdoor Location - Method 22**

**Company:** Hillsborough County Public Utilities Department  
**Location:** Southeast County Landfill

**Observer:** Sara Perez Lopez  
**Affiliation:** SCS Engineers  
**Date:** 9/2/2021

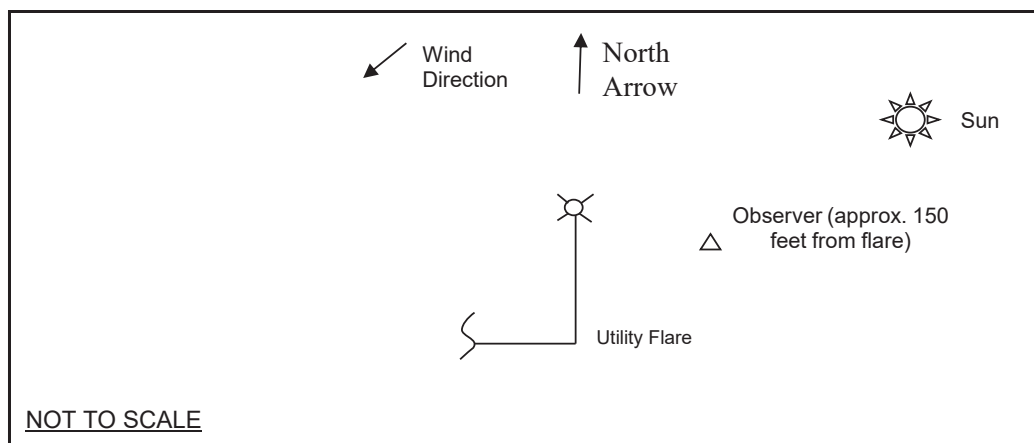
**Sky Conditions:** Partly Cloudy  
**Precipitation:** Light Rain

**Wind Direction:** West-Southwest  
**Wind Speed:** 10-12 mph

**Industry:** Sanitary Landfill / Landfill Gas

**Process Unit:** Landfill Gas  
 Utility Flare

**Presence of flare  
 pilot flame:** Yes



**OBSERVATIONS**

Starting Time	Observation Period Duration (hr:min:sec)	Accumulated Emission Time (min:sec)	Visible Emission
10:00	20:00	20:00	None
10:25	20:00	40:00	None
10:50	20:00	60:00	None
11:15	20:00	80:00	None
11:40	20:00	100:00	None
12:05	20:00	120:00	None

Note: Each 20 minute time interval recorded includes a 5 minute rest break at the end of each interval.