

## Smith, George

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**From:** Madden, Melissa  
**Sent:** Wednesday, August 30, 2017 4:35 PM  
**To:** Hsu, Benjamin; SWD\_Waste  
**Subject:** FW: Southeast County Landfill (WACS No 41193) - Compost Area Berm Minor overtopping

Please feel free to contact me with any questions or concerns.

Thanks, Melissa



### **Melissa Madden**

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**From:** O'Neill, Joseph [mailto:ONEILL@hillsboroughcounty.org]  
**Sent:** Wednesday, August 30, 2017 2:15 PM  
**To:** Madden, Melissa  
**Cc:** Tafuni, Steven ; Ruiz, Larry ; Byer, Kimberly  
**Subject:** Southeast County Landfill (WACS No 41193) - Compost Area Berm Minor overtopping

Good Afternoon Melissa,  
RE: Minor Overtopping Occurrence  
Southeast County Landfill – Compost Facility  
Lithia, Florida

The Southeast County Landfill's Compost Facility experienced a minor overtopping event following several consecutive rainfall occurrences at the Facility (Friday 8/25 0.8"; Saturday 8/26 4.5"; Sunday 8/27 1.3"; Monday 8/28 0.23" and Tuesday 8/24 0.30") . The overtopping event followed the temporary failure of the pump in the compost facility and while Hillsborough County staff was working to repair/replace the pump. The overtopping occurred in a limited section of the perimeter berm (the southwest corner of compost area) and at no time did the berm fail.

The overflow from the compost area was primarily contained to the open area immediately to the west of the compost facility with the placement of a sand berm but within the lined area of Section 9. However, some liquid may have flowed overland while rain continued to fall over the area and County staff was placing the berm. The overland flow path from this area could have allowed liquids to flow toward the downchute located in the southwest corner of the Section 9 disposal area and into the perimeter ditch along the southside of Section 9. As a precaution, Hillsborough County mobilized a vacuum assisted truck and removed two loads of water from the southern ditch.

The pump has been replaced and as of Tuesday 8/29 night, around midnight, all the water had been removed from the compost facility. The berms have been checked for integrity and the area to the west of the compost facility has been bermed to allow any residual liquid to infiltrate into the lined Section 9 disposal area.

Please call with any questions.

**Joseph H. O'Neill, P.E.**

**Professional Engineer II**

Solid Waste Management Division

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