

Solid Waste Management Division



# SOUTH WAKE LANDFILL

## Citizens Committee Meeting

September 22, 2021

Meeting held virtually



@wakegov



wakegov.com

# Topics/Agenda

- Introductions
- South Wake Landfill Operations Update
- South Wake Landfill Communications
- Solid Waste Outreach & Education
- Other items

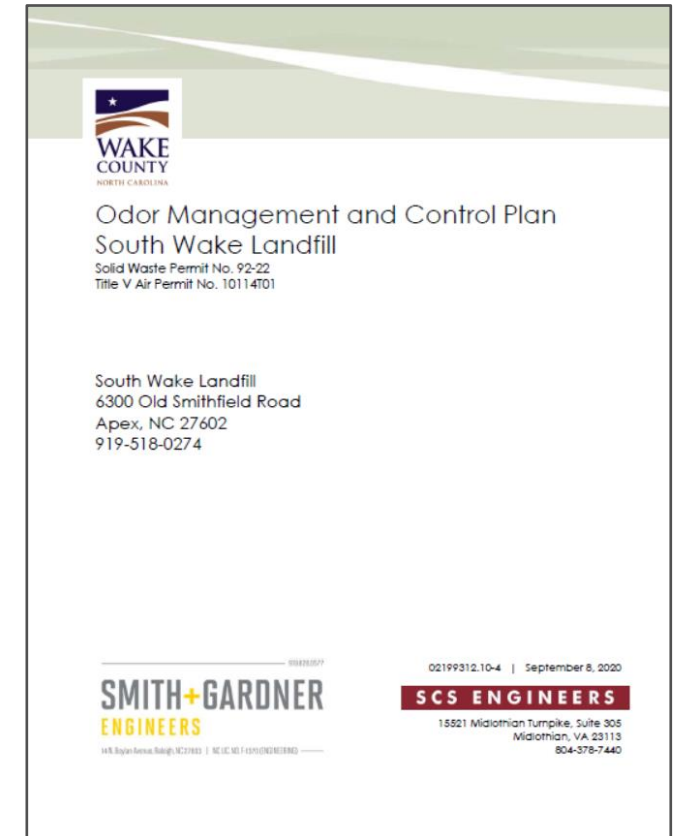
A faint, light blue map of Wake County is centered in the background of the slide. The map shows the county's irregular shape, including its northern and eastern extensions.

# South Wake Landfill Operations Update

# Progress/Schedule

Recent (last 6-8 months)

- OMCP
- LFG Well Expansion (2 projects)
- Community Survey
- Initial Interim Cover Report
- Communications Hire
- Full-time on-site LFG Tech
- Odor misting systems (2 projects)
- Waste Cover Protocols



# Upcoming

## LFG Collection System Expansion into remaining Phase 2A (fall 2021)

- Adds 11 landfill gas wells
- Adds pumps to 15 wells



# Upcoming

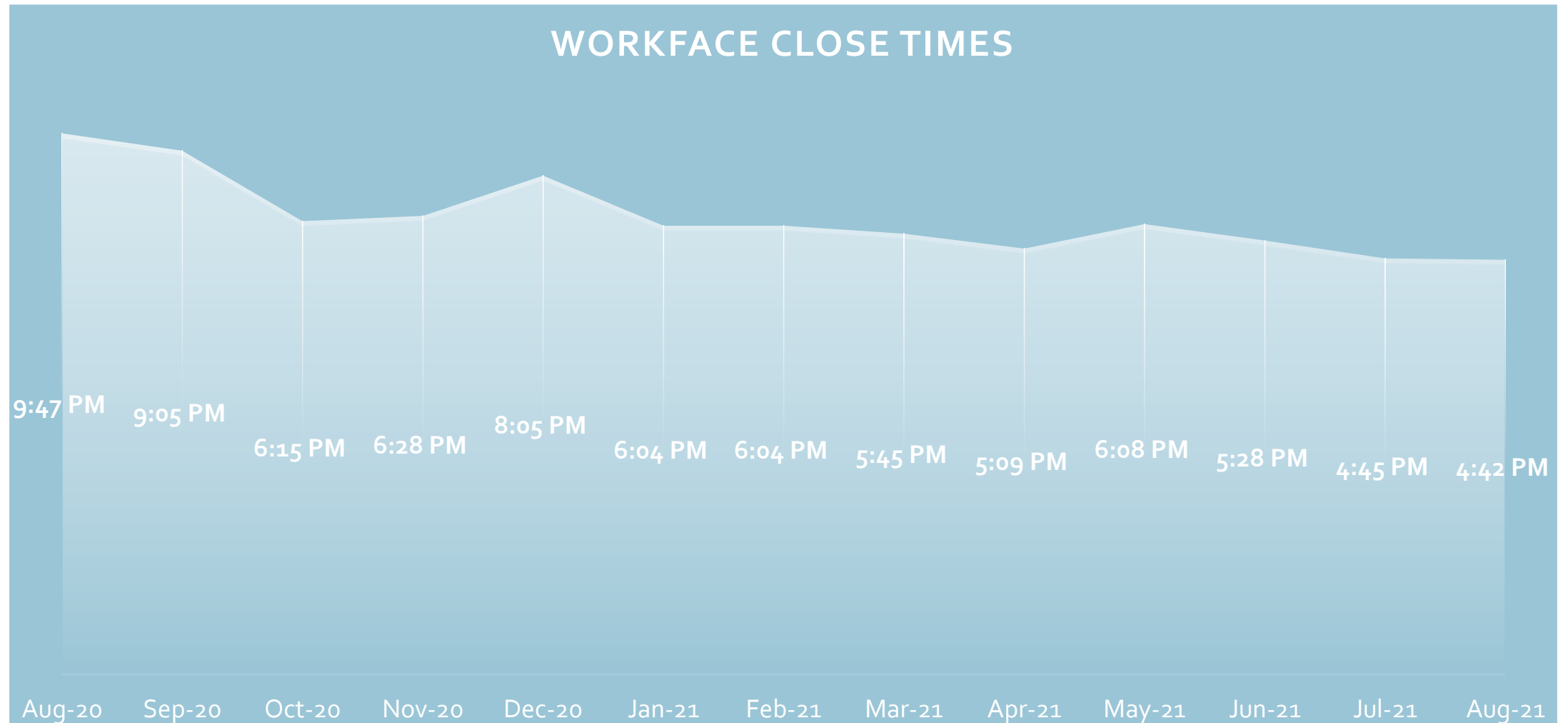
- Permitting/Design for Interim Covers (fall/winter)
- 2<sup>nd</sup> Weather Station
- Additional eNose sensors
  - Replacement
  - New off-site



# Operational Update – GFL

- Consistent closure times
- Continue to plan for closure throughout the day
- Full dirt closure on evening of 9/4/21 for Labor Day Holiday
- Recent closure photos

**From August of 2020 until now, nightly closure has been reduced from 9 PM to before 5 PM on average**





Sep 4, 2021 at 4:36:06 PM  
6300 Old Smithfield Rd  
Holly Springs NC 27539  
United States

Labor Day, full dirt closure

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Network: Sep 20, 2021 at 5:17:33 PM EDT  
Local: Sep 20, 2021 at 5:17:33 PM EDT  
N 35° 40' 41.791", W 78° 50' 48.764"  
6300 Old Smithfield Rd  
Holly Springs NC 27539  
United States

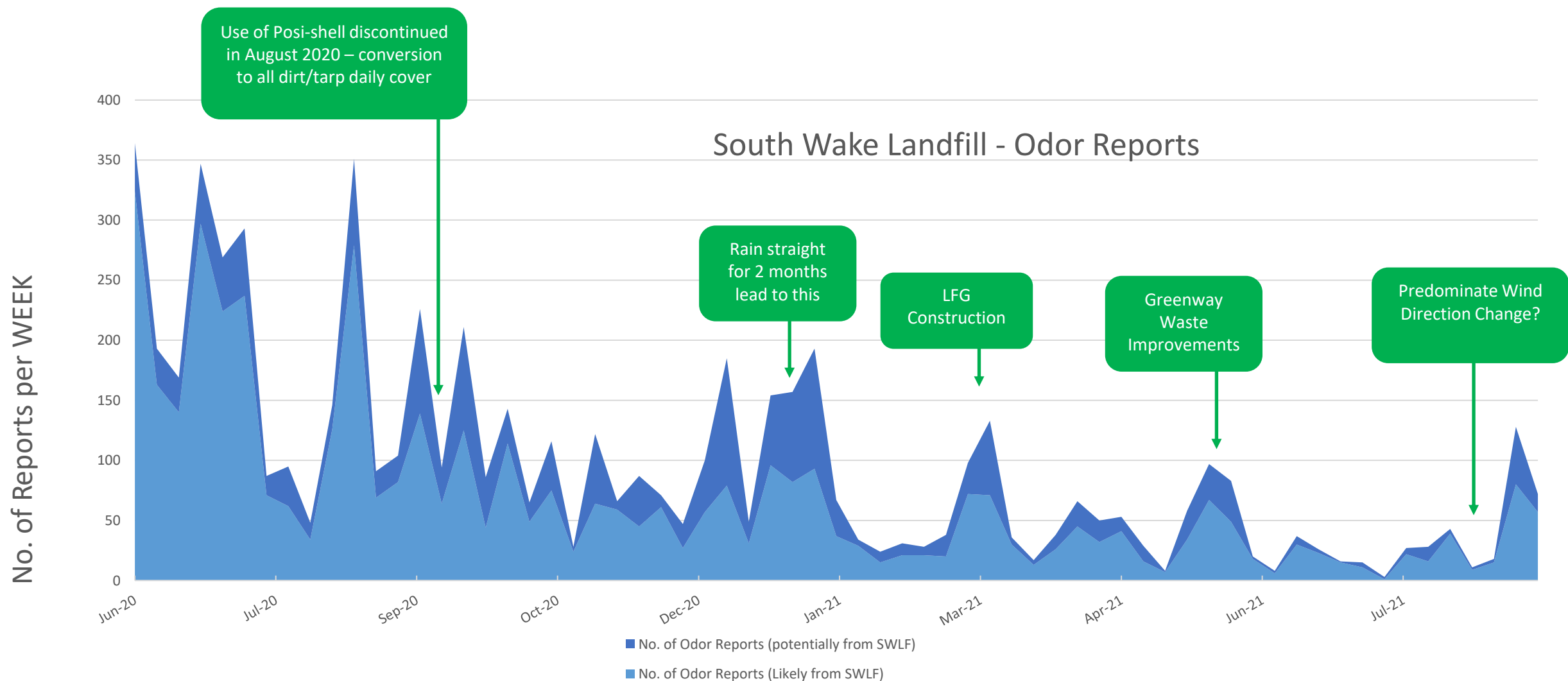


Aug 27, 2021 at 4:50:53 PM  
6300 Old Smithfield Rd  
Holly Springs NC 27539  
United States

# Normal closure utilizing dirt and tarps

# Ongoing Odor Reduction Efforts

(weekly data)



# Ongoing Odor Reduction Efforts

## Month to Month odor report comparison (2018 to 2021)

	2018	2019	2020	2021	% change from 2018 to 2019	% change from 2019 to 2020	% change from 2020 to 2021
January	18	88	570	249	389%	548%	-56%
February	15	112	325	89	647%	190%	-73%
March	29	106	259	171	266%	144%	-34%
April	14	48	240	153	243%	400%	-36%
May	14	137	170	180	879%	24%	6%
June	96	245	766	74	155%	213%	-90%
July	120	224	779	61	87%	248%	-92%
August	130	474	562	153	265%	19%	-73%
September	110	251	427		128%	70%	
October	79	613	267		676%	-56%	
November	22	400	235		1718%	-41%	
December	180	405	280		125%	-31%	



# South Wake Landfill Communications

**John Hamlin**  
**Senior Communications Consultant**

# Keys to Improving Communications

- Building Trust with Stakeholders
- Collaborating with Partners
- Making Website Easier to Use
- Continuing to Grow Newsletter
- Using Plain Language and Multimedia
- Keeping the Conversation Going



# Listening to Holly Springs: What I've Heard So Far

- It's not just about houses
- Explanations vs excuses
- Optimism for interim cover and eNoses
- User experience matters
- People are frustrated with the odor reporting form



# Improving the Odor Reporting Form

- Modern look and feel
- Smarter location services
- Registration for power users
- Personalized links
- Better emails
- Relationship management tools
- Proactive outreach





# Qualtrics and Envirosuite Integration



# Relaunching the Newsletter



# I Want to Hear from You!

**John Hamlin**

Senior Communications Consultant

## Reach Out to Me At:



John.Hamlin@wakegov.com



919-986-9370





# Solid Waste Outreach & Education

# Outreach & Education

## Waste Reduction Grant



- Deadline is 5 pm, Friday, October 29, 2021
- Grants from \$500 - \$10,000
- Projects that divert waste from landfill
- Schools, non-profits and businesses have received awards to expand recycling collections, start composting etc...
- [www.wakegov.com/recycling](http://www.wakegov.com/recycling)



# Outreach & Education

## 86it Fall Cleanup Event



- **When:** Sat, Sep 25, 2021, 9 am – 11 am
- **Where:** Neuse River Greenway Trail, 6602 Poole Rd, Raleigh, NC 27610
- **What:** Litter clean up
- **How:** Register at: [86it.com/cleanup-registration/](https://86it.com/cleanup-registration/)

# Outreach & Education

## In-Person Landfill Tours



- Coming Soon!!!
  - Private groups - Oct 2021
  - Public dates - January 2022

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# Questions and Discussion