Hillsborough County
Solid Waste Management

March 21, 2019
Population:

• Division serves approximately 290,000 households in unincorporated areas of the county & portions of the City of Tampa
• Approximately 1.35 million residents inclusive of the City of Tampa, Temple Terrace, Plant City, and unincorporated county

Solid Waste Programs:

• 2-1-1 Curbside collection performed by 3 contracted waste haulers
• Automated single-stream recycling started in Oct. 2013
• HHW collection events on Saturdays at rotating locations throughout the county
Overview of Solid Waste Facilities

County owned facilities strategically located throughout county:

- Waste to Energy Facility - 1,800 tons per day, Covanta
- Class I Landfill Facility - 3,300 acres, Waste Management
- 2 Transfer Stations, County
- 3 Yard Waste Facilities, Raynor Shine
- 3 HHW Collection Centers, US Ecology
- 4 Community Collection Centers, County - bulky waste, paint, and electronics
- 130 employees, transfer, contract management, customers service
Falkenburg Resource Recovery Facility

- Cornerstone of the integrated waste management system
- Began operation in 1987-1,200 tons per day
- Added third boiler in 2009 which increased capacity to 1,800 tons per day
- Annually generates ≈ 340,000 gross megawatts hours of renewable energy
- Includes self serving energy campus powering other county facilities
Southeast County Landfill

Operated by Waste Management through a life of site contract
Northwest Solid Waste Facility Campus

- Closed Landfill
- Yard Waste Processing
- Community Collection Center
- Transfer Station
Northwest SW Transfer Facility

- Serves Northwest portion of Hillsborough County
- 37 team members
- Capacity 1,800 tons
- Average TPD: 775
- Tons per year: 213,000 averaged last two Fiscal years
- # Accidents in 2017: 10 (2 Personal injury, 8 Damage to equipment)
- # Accidents in 2018: 4 (1 Personal injury, 3 Damage to equipment)
- June 2017 transitioned to PM transfer – 700 to 800 tons

Transfer Station Challenges:

- NWTS to Landfill: 92 miles, 3 hour round trip
- NWTS to RRF: 46 Miles, 1hr and 45min round trip
- Tunnel at NWTS
South County Solid Waste Facility Campus

HHW Collection Site

Yard Waste Processing

Community Collection Center

Transfer Station
South County SW Transfer Facility

- Serves South County portion of Hillsborough County
- 31 team members
- Capacity 1,200 tons
- Average TPD: 480
- Tons per year: 147,000
- # Accidents in 2017: 10
- # Accidents in 2018: 3

Transfer Station Challenges:
- SCTS to Southeast Landfill: 30 Miles, 1:30 time round trip
- SCTS to RRF: 30 Miles, 1:30 time round trip
- Tonnage Growth FY 2018 11.8% FY 2017 10.8% FY 2016 11.6%
Before you start work...think “S.A.F.E.R.”

Site and work review

Assess site hazards

Focus on work requirements

Execute work to standard

Review and improve