

Hillsborough County Debris Management Site Survey Report

January 2020

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Hillsborough County, Florida

DISASTER DEBRIS MANAGEMENT SITE REPORT

Introduction

The purpose of this report is to detail properties within Hillsborough County, Florida (County) that could serve as debris management sites (DMS) or citizen drop-off sites following a debris-generating event. To help the County prepare for future disasters, Tetra Tech accompanied by County Public Utilities Department management staff conducted site evaluations of locations intended for future use by the County. A summary of each site evaluation is included below.

Criteria

The following criteria were used to evaluate potential DMS locations.

County-Owned Property

To eliminate potential costs associated with acquiring, leasing, or operating on private property, County-owned properties were identified instead of state-owned, municipality-owned, or privately-owned properties.

Proximity to High Population Density

The proximity of the surveyed location to neighborhoods, schools, businesses, high traffic thoroughfares, and other areas of high population density were carefully evaluated. A DMS located near high population densities increases traffic congestion and creates logistical and safety hazards for the community, especially immediately after an event. To that end, the DMS locations surveyed are minimally intrusive to County residents.

Ingress and Egress

Safe and adequate site ingress and egress, along with efficient road access to routes leading to and from the sites, are critical to ensure efficient turnaround times for debris collection vehicles.

Adherence to Local, State, and Federal Rules, Regulations, and Ordinances

Local, state, and federal rules, regulations, and ordinances should be followed, including those pertaining to environmental quality and noise control. Though some disposal regulations are lifted following an emergency declaration, it is critical that all DMS operations meet Occupational Safety and Health Administration (OSHA) safety requirements as well as guidance and standards identified by the Florida Department of Environmental Protection (FDEP).

Proximity to Natural Running Water or Potable Water Wells

Before a DMS location can be permitted for use, the FDEP will perform a property assessment. The presence of any natural stream, creek, pond, lake, or potable water wells can hinder the permitting of a property.

Additional Site Considerations

Other factors examined during site assessment include the level of site preparation for disaster debris operations, suitability to wet weather, size of site/property, types of disaster debris and reduction methods, environmental issues and concerns, and access to electricity, sewer, and water.

Site Evaluations

Using the criteria described above as well as data gathered on-site, Tetra Tech completed evaluations of the various sites surveyed. The majority of the sites surveyed appear to be viable for use as a DMS. See Table 1 for a quick reference guide of the sites evaluated listed in order of their recommended priority rank.

Table 1: DMS Suitability Matrix

Site Name	Site Preparation ¹	Suitability to Wet Weather	Ability to Serve a Spatial Area	Type of Debris
Northwest Debris Management Site	High	Medium	High	Vegetative, Construction and Demolition, White Goods
Northwest Transfer Station: Yard Waste Processing Facility	Low	High	Low	Vegetative, Construction and Demolition, White Goods, Household Hazardous Waste
Falkenburg Yard Waste Processing Facility	Low	High	Medium	Vegetative, Construction and Demolition, White Goods
Hillsborough Heights Solid Waste Facility	Low	Medium	High	Vegetative, Construction and Demolition, White Goods, Household Hazardous Waste
South County Transfer Station: Yard Waste Processing Facility	Low	High	Medium	Vegetative, Construction and Demolition, White Goods, Household Hazardous Waste
Southeast Hillsborough County Landfill	Low	Low-High	Medium-High	Vegetative, Construction and Demolition, White Goods
East/Central Debris Management Site and Truck Certification Area	Low	Medium	Medium	Vegetative

¹ Low – Very little to no preparation required

Medium – Some trees, fencing, other obstacles will need to be removed

High – Large number of trees, fencing, other obstacles will need to be removed

County Site Locations



Figure 1: County Site Locations

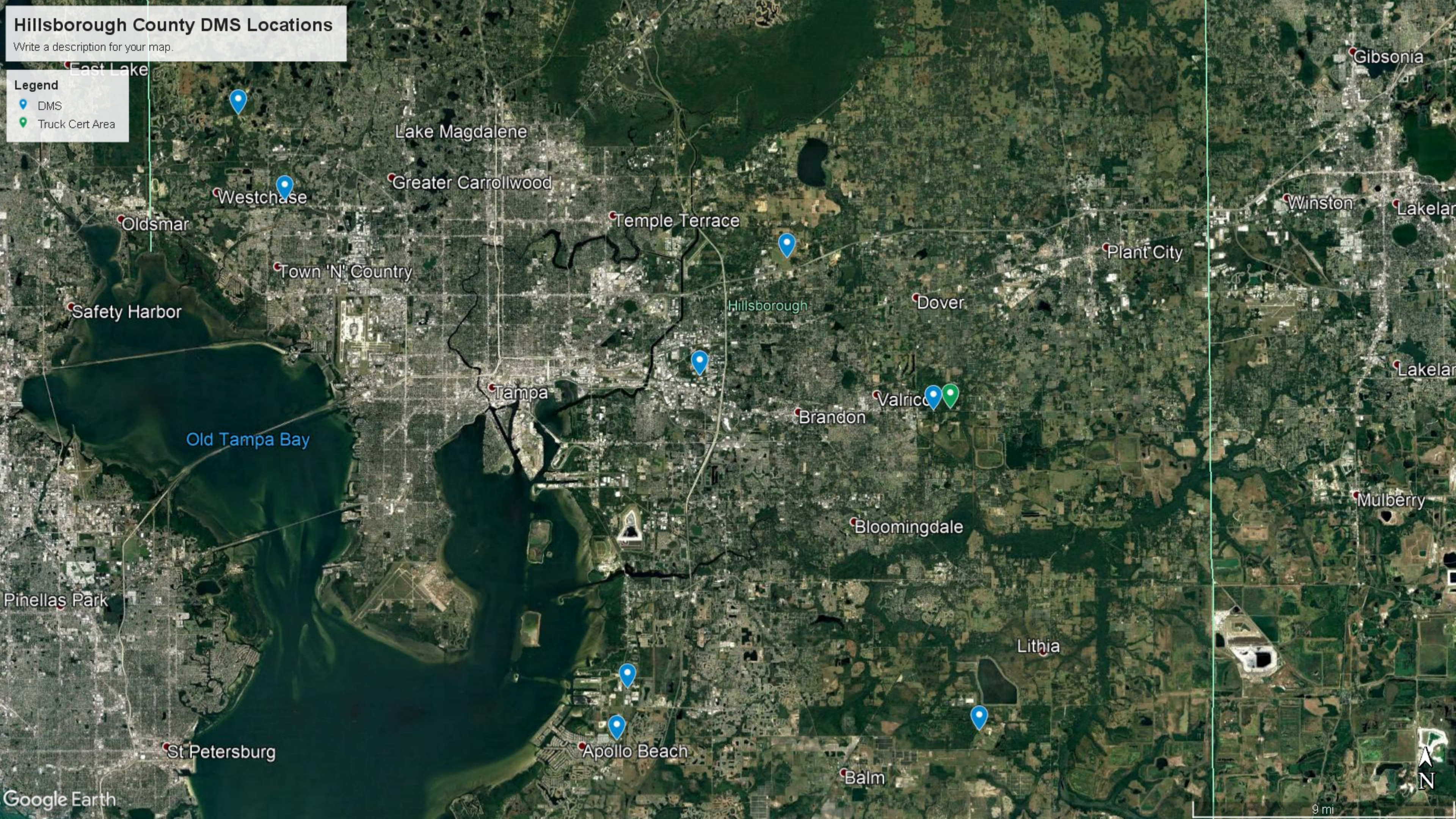
[Map located on next page]

Hillsborough County DMS Locations

Write a description for your map.

Legend

-  DMS
-  Truck Cert Area



Landfill Site

There is one landfill located in the County. Along with providing a viable option for use as a DMS, the landfill can also serve as a final disposal site for debris streams generated in the County. Please refer to the contact information below for additional information.

Southeast County Landfill
15960 County Road 672
Lithia, FL 33547

[Landfill Map located on the next page]

STORMWATER DISCHARGE (NPDES DISCHARGE POINT)

EMERGENCY DEBRIS MANAGEMENT AREA - 6.8 ACRES

MINE CUT #3 - 33.2 ACRES

13.4 ACRES

COVENANT RESTRICTED FUTURE BORROW AREA - 43 ACRES

SHERIFF'S FACILITY - 40.1 ACRES

POND D

WET AREA - 119.9 ACRES

FUTURE SECTION 11 - 36.5 ACRES

FUTURE SECTION 10 - 41.3 ACRES

MINE CUT #2 - 16.5 ACRES

LEACHATE TREATMENT AND RECLAMATION FACILITY AND STORAGE TANKS

FUTURE WASTE TIRE PROCESSING FACILITY - 3.4 ACRES

SECTION 9

SECTION 8

CAPACITY EXPANSION AREA - 34.5 ACRES

FUTURE BASIN

FUTURE CLAY STOCKPILE AREA - 25.1 ACRES

FUTURE BIOSOLIDS COMPOSTING FACILITY - 14.2 ACRES

SECTION 7

POND C

SED C

FUTURE BASIN

EXISTING CLASS I LANDFILL AREA - 162.4 ACRES

LFG BLOWER AND FLARE STATION

LEACHATE AND EFFLUENT STORAGE PONDS

FUTURE CLASS I LANDFILL AREA SITE B - 130 ACRES

POND A-1

SED A-2

MINE CUT #1 - 182.3 ACRES

FUTURE BASIN

200' BUFFER

FUTURE BASIN

SCALEHOUSE AND ADMINISTRATION FACILITIES

WASTE MANAGEMENT, INC. MAINTENANCE BUILDING

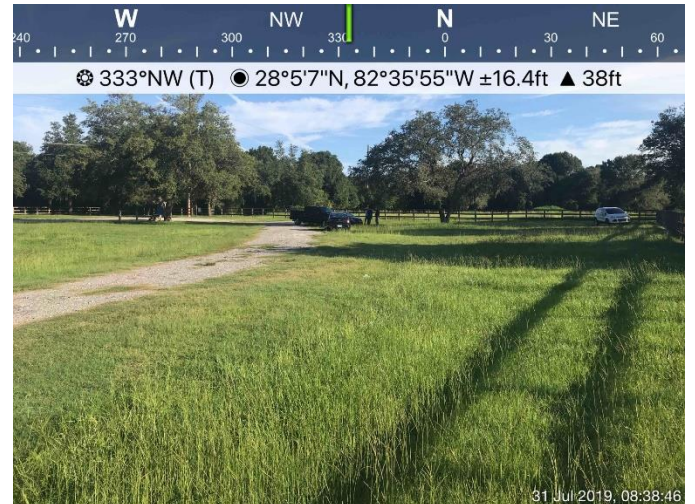
SED B

POND B

SOD FARM - 516 ACRES

Disaster Debris Management Site Descriptions

Northwest Debris Management Site



Notes

- Wetlands are located on the parcel designated for Debris Management.
- Potential site located across South Mobley Road.
- South Mobley can be a very busy road.
- Large amount of trees and vegetation will need to be removed in order to maximize the site.

Northwest Transfer Station: Yard Waste Processing Facility



Notes

- Surface drainage on the site.
- Water and methane testing wells.
- Additional roads will be developed in the near future.
- Concerns regarding traffic.
- Haul Trucks have used the scale in the past.

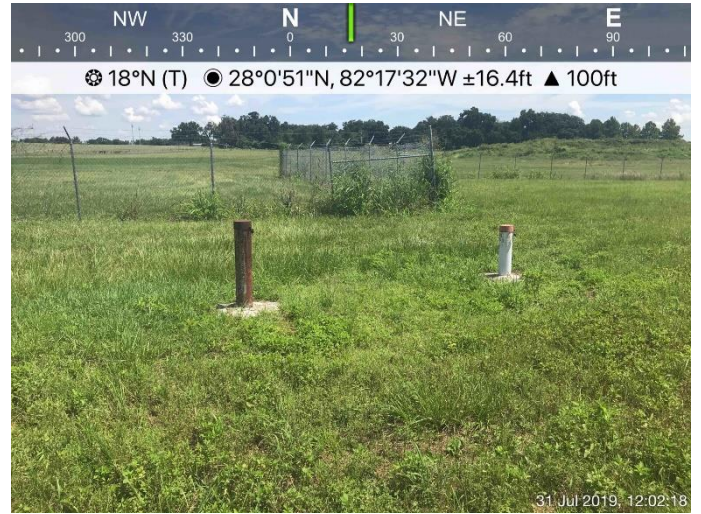
Falkenburg Yard Waste Processing Facility



Notes

- Adjacent to wetlands.
- Residential drop-off for vegetative waste.
- Concerns about residential and outbound traffic flow.
- Possible collection site for White Goods.

Hillsborough Heights Solid Waste Facility



Notes

- Closed landfill with methane flares.
- Near retention pond.
- Lazy Days Park recreation area nearby.
- Ground Water wells present.

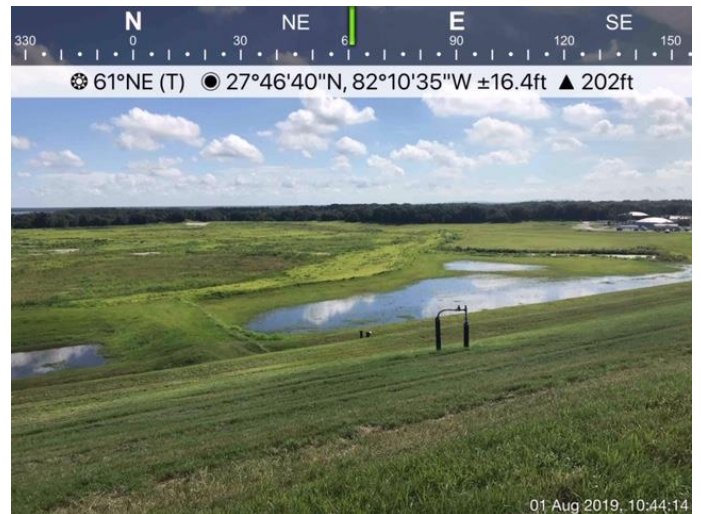
South County Transfer Station: Yard Waste Processing Facility



Notes

- Area to certify trucks.
- Several adjacent retention ponds.
- Leachate sampling.
- Additional space for disaster debris.

Southeast Hillsborough County Landfill



Notes

- One small area and two large areas for debris management.
- Concerns regarding traffic flow as some roads are not large enough for 2-way traffic.
 - A one-way loop can be established but will increase turnaround time.
- Ground water wells present.
- Waste Management operates the landfill.
- Primary site for C&D.

East/Central Debris Management Site and Truck Certification Area



Notes

- Two separate areas, one for debris management and one for truck certification.
- Truck certification area may change ownership in the next year.
- Gas line runs under the entrance to the debris management area.
- Debris management area located next to two open water sources.
- Debris management site located next to recreation trails and a small trailer park.
- If land ownership transfers away from the County in 2021, the County will still have legal permission to use the land for disaster related staging and vehicle storage.
 - The County will not be allowed to use the land as a debris management site.

Site Summary

Table 2: Site Summary

Site Name	Lighting	Access to Electricity, Sewer, and Water	Security	Site Preparation	Site Positives	Site Negatives
Northwest Debris Management Site	No	No	No	Low to High	Large piece of land that would reduce turnaround time for trucks working in the Northwest quadrant of the county.	Fencing will need to be removed. Many trees and shrubs will need to be cleared. Ownership may change but remains unlikely. Site is adjacent to wetlands. South Mobley Road can get very busy.
Northwest Transfer Station: Yard Waste Processing Facility	No	Yes	Transfer Station Staff	Low	Paved area that can handle a moderate amount of debris. The facility is staffed 24/6. Surface water drainage capabilities. More roads will be added to the facility.	Daily operations will continue for yard waste intake and residential drop off. Increased traffic could lead to longer turnaround times. Currently there is a large amount of yard debris on the premise with a limited number of grinders split between the other county facilities. Previous issues with traffic. Water monitoring well located on the site.
Falkenburg Yard Waste Processing Facility	No	Yes	Processing Facility Staff	Low	Large semi-paved area offering access to sewer, water and electricity.	Daily operations will continue for yard waste intake and residential drop off. Increased traffic could lead to longer turnaround times. Currently there is a large amount of yard debris on the premise with a limited number of grinders split between the other county facilities.
Hillsborough Heights Solid Waste Facility	No	Yes	Site Staff	Low	Main entrance to the site for debris haulers is located behind the facility, away from a busy road. Excellent location for trucks hauling debris in the central quadrant of the County. Completely fenced area for Debris Management.	Daily operations will continue for Solid Waste intake and residential drop off. Increased traffic could lead to longer turnaround times.
South County Transfer Station: Yard Waste	No	Yes	Processing Facility Staff	Low	Large paved area with an area to cert debris hauling trucks. This site offers	Daily operations will continue for yard waste intake and residential drop off. Increased traffic could lead to longer turnaround times.

Processing Facility					surface water drainage and access to electricity, sewer and water. Located in a commercial area so residential noise complaints will not be a concern	Currently there is a large amount of yard debris on the premise with a limited number of grinders split between the other county facilities.
Southeast Hillsborough County Landfill	No	No	Landfill Staff	Low	Three possible sites for debris. The original site is 8 acres and the other two sites are 37 and 41 acres respectively. Located at an active landfill which would be potentially used as a final disposal site. Remote location so there will be no commercial or residential concerns.	Remote location that will increase turnaround time. The county's only landfill so daily operations will continue which could slow down both debris and landfill operations. Original DMS location is prone to flooding but ditches have been dug to alleviate that effect. Water monitoring well on the original site.
East/Central Debris Management Site and Truck Certification Area	Partial	No	No	Low	Truck Cert area offers a large, shaded, paved loop for trucks to queue. Debris site is a moderate size and located in the Western quadrant of the county, making it ideal for trucks collecting debris in that area.	Gas line runs underneath the entrance to the site. Will need to remove some wooden bollards. Site is adjacent to a fresh water source. Truck Cert area may change ownership in the coming years.

Site Name: Northwest Debris Management Site	City: Odessa	Useable Acreage: 65
Lat: (N) 28° 05' 08"	Long: (W) -82° 35' 45"	Location on site of listed coordinates: Central
Address: 10711 S Mobley Rd, Odessa, FL 33556		
Debris Type Accepted: Vegetative, Construction and Demolition, White Goods		Disposal Method: Grinding
Contact Name: Eric Hothem	Phone: 813-855-1765	Email: Hotheme@HCFLGov.net

Site Name: Northwest Transfer Station: Yard Waste Processing Facility	City: Tampa	Useable Acreage: 10
Lat: (N) 28° 02' 37.9"	Long: (W) -82° 34' 20.3"	Location on site of listed coordinates: Central
Address: 8001 W Linebaugh Ave, Tampa, FL 33625		
Debris Type Accepted: Vegetative, Construction and Demolition, White Goods		Disposal Method: Grinding
Contact Name: Eddie Busquets	Phone: 813-744-5573	Email: Busquetse@HCFLGov.net

Site Name: Falkenburg Yard Waste Processing Facility	City: Tampa	Useable Acreage: 9
Lat: (N) 27° 57' 24.4"	Long: (W) -82° 20' 27.4"	Location on site of listed coordinates: Central
Address: 350 N Falkenburg Rd, Tampa, FL 33619		
Debris Type Accepted: Vegetative, Construction and Demolition, White Goods		Disposal Method: Grinding
Contact Name: Michael Kickliter	Phone: 813-455-2226	Email: Kicklitem@hillsboroughcounty.org

Site Name: Hillsborough Heights Solid Waste Facility	City: Seffner	Useable Acreage: 21
Lat: (N) 28° 0' 48.9"	Long: (W) -82° 17' 31.7"	Location on site of listed coordinates: Central
Address: 6209 County Rd 579, Seffner, FL 33584		
Debris Type Accepted: Vegetative, Construction and Demolition, White Goods, Hazardous Household Waste		Disposal Method: Grinding
Contact Name: Walter Gray	Phone: 813-455-2183	Email: grayw@hillsboroughcounty.org

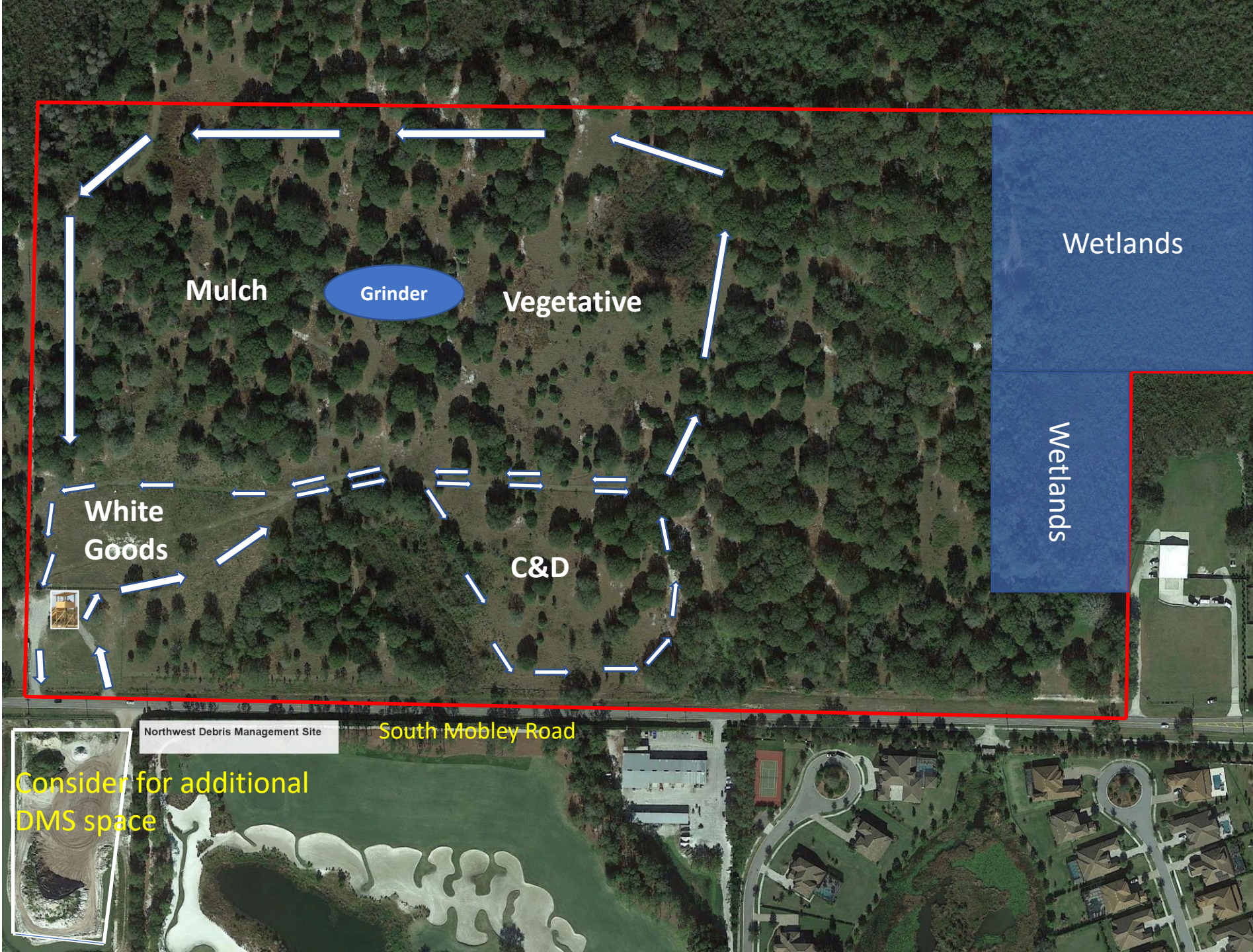
Site Name: South County Transfer Station: Yard Waste Processing Facility	City: Gibsonton	Useable Acreage: 16
Lat: (N) 27° 48' 8.1"	Long: (W) -82° 22' 52.7"	Location on site of listed coordinates: Central
Address: 13000 US-41, Gibsonton, FL 33534		
Debris Type Accepted: Vegetative, Construction and Demolition, White Goods		Disposal Method: Grinding
Contact Name: Tom Lister	Phone: 813-455-2221	Email: Listert@HCFLGov.net

Site Name: Southeast Hillsborough County Landfill	City: Lithia	Useable Acreage: 85
Lat: (N) 27.7828	Long: (W) -82.1865	Location on site of listed coordinates: Central
Address: 15960 Co Rd 672, Lithia, FL 33547		
Debris Type Accepted: Vegetative, Construction and Demolition, White Goods, Hazardous Household Waste		Disposal Method: Grinding
Contact Name: Larry Ruiz	Phone: 813-455-2132	Email: ruizle@hillsboroughcounty.org

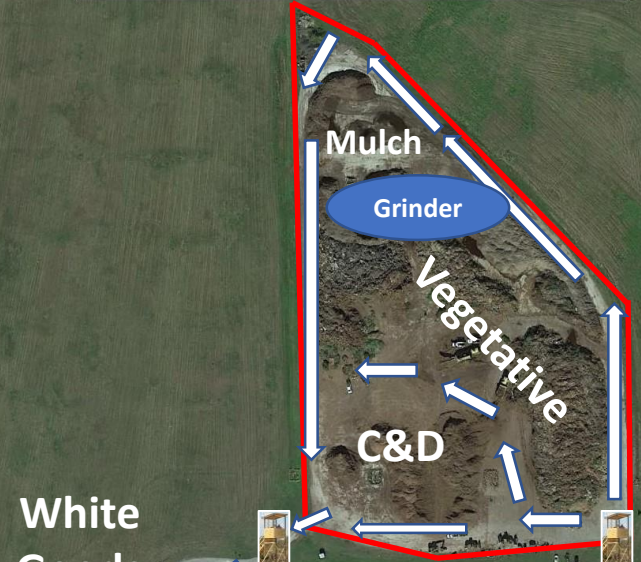
Site Name: East/Central Debris Management Site and Truck Certification Area	City: Dover	Useable Acreage: 17
Lat: (N) 27° 56' 16.5"	Long: (W) -82° 12' 37.6"	Location on site of listed coordinates: Central and East
Address: 3910 Hopewell Rd, Dover, FL 33527		
Debris Type Accepted: Vegetative		Disposal Method: Grinding
Contact Name: Jason Chilson	Phone: 813-267-5940	Email: chilsonj@hillsboroughcounty.org

Site Illustrations

[Illustrations begin on next page]



Northwest Transfer Station: Yard Waste Processing Facility



White Goods & HHW

West Linebaugh Avenue



Mulch

Grinder

C&D

Vegetative

Falkenburg Yard Waste Processing Facility

North Falkenburg Road

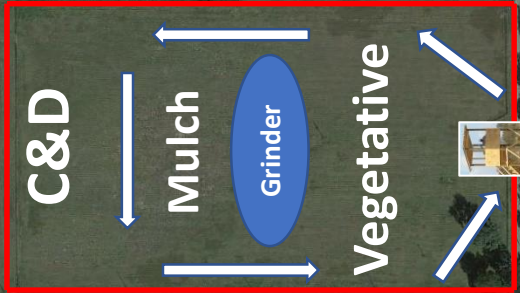


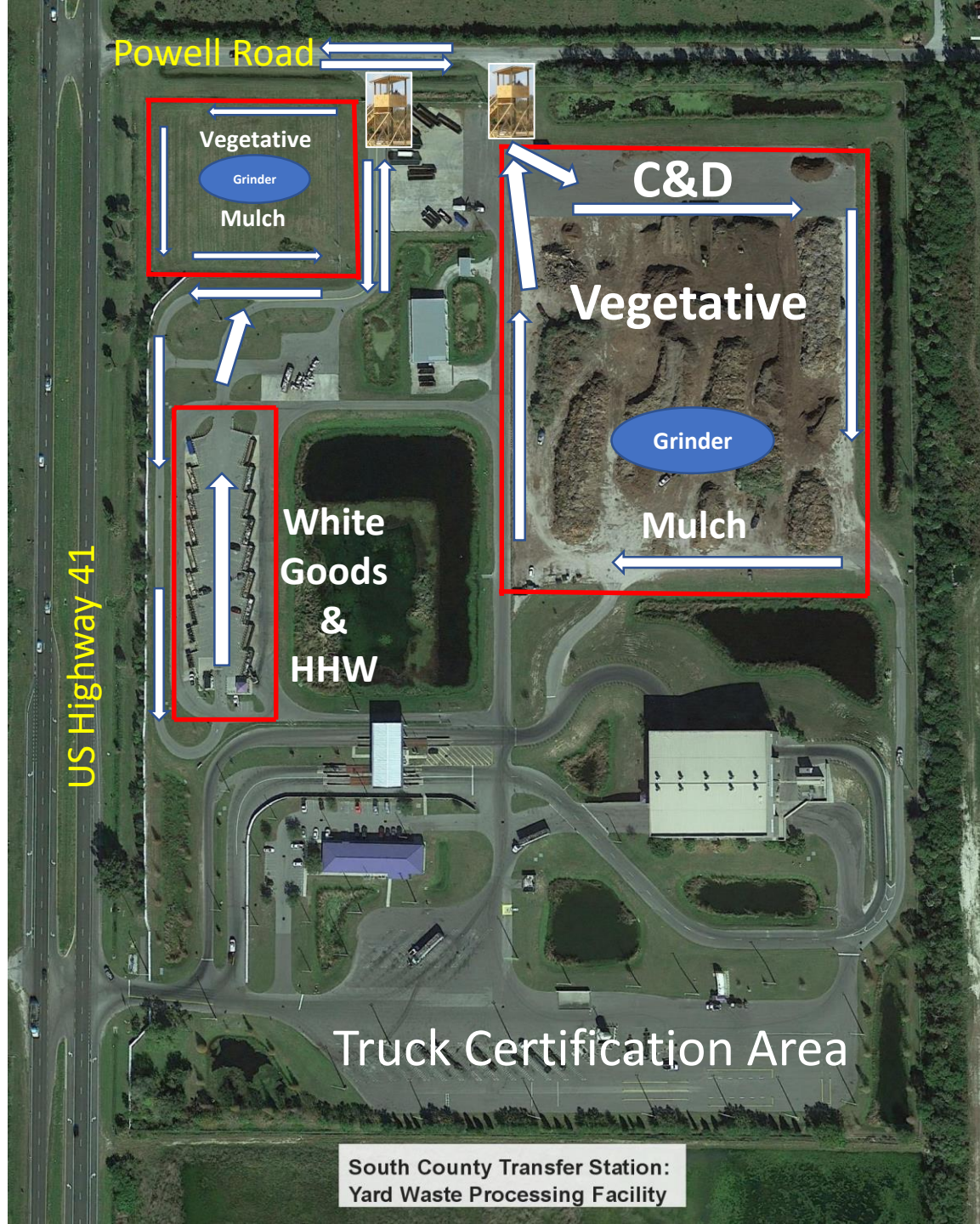
Mango Road

Taylor Road

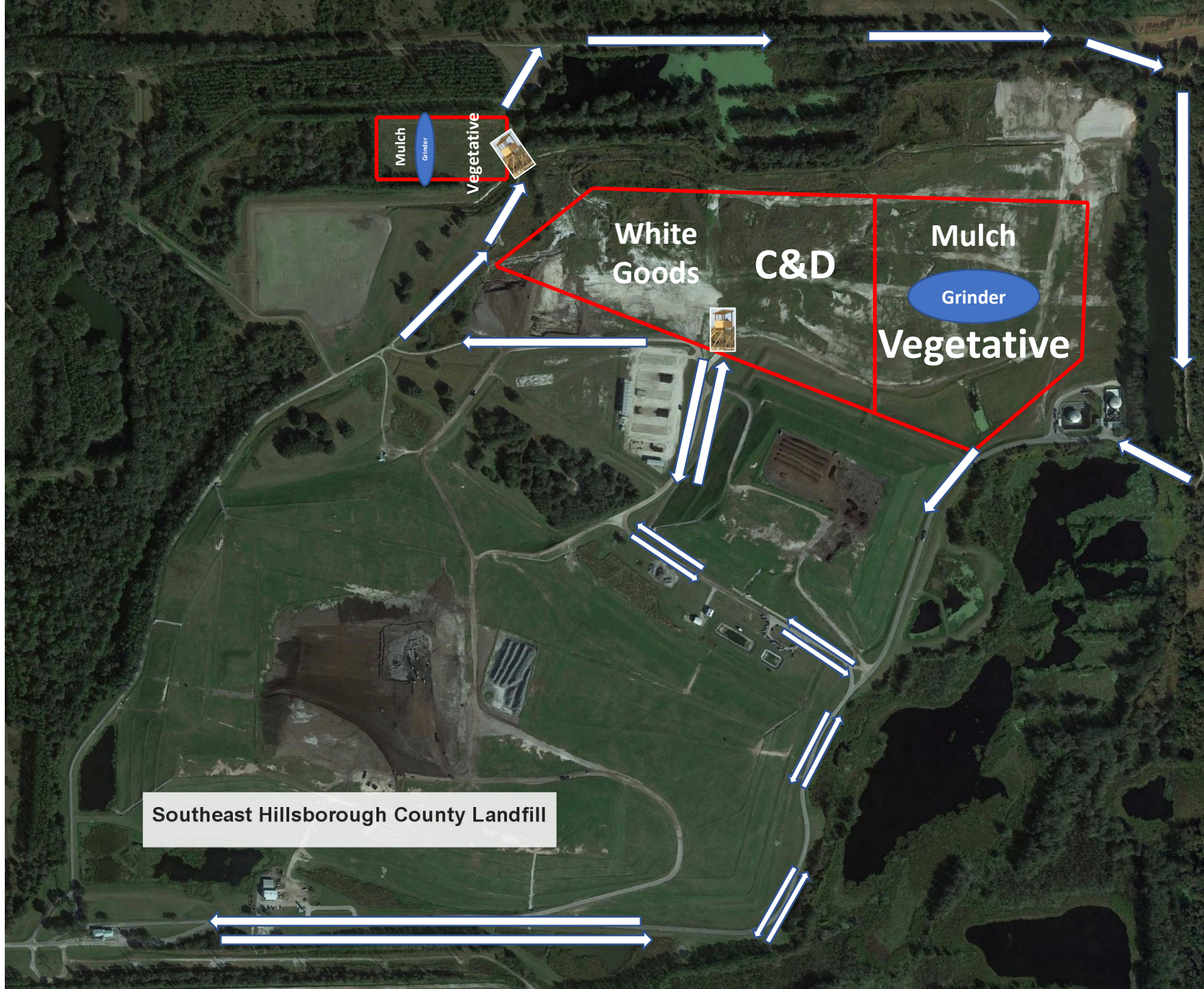
Hillsborough Heights
Solid Waste Facility

White
Goods
&
HHW





South County Transfer Station:
Yard Waste Processing Facility



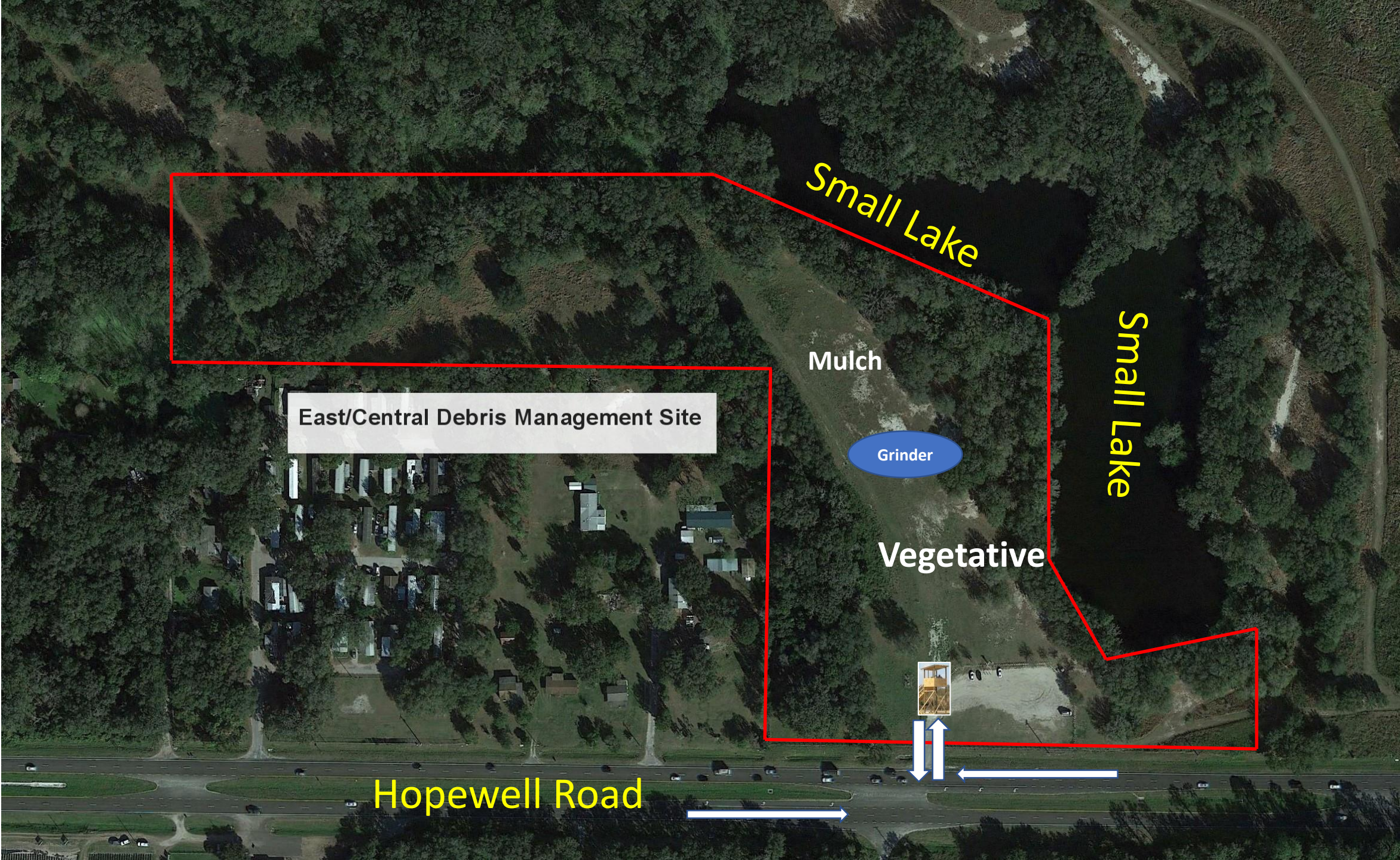
Southeast Hillsborough County Landfill

Mulch
Grinder
Vegetative

White
Goods

C&D

Mulch
Grinder
Vegetative



Small Lake

Small Lake

East/Central Debris Management Site

Mulch

Grinder

Vegetative

Hopewell Road





Sydney Washer Road

Hopewell Road

EAST/CENTRAL TRUCK
CERTIFICATION AREA