

*Environmental Protection Division*

**Solid Waste Management Facility  
Permit Transfer and  
Renewal Application**

**Raynor Shine Recycling Solutions, LLC  
Raynor Shine Services, LLC**

**January 29, 2019**



## Background

- Existing yard trash processing facility that accepts yard trash for recycling and processing into firewood, fines for topsoil, mulch, and colored mulch
- The Board approved the original operational permit (SW-072228-YT-12/1210) in October 2012
- In accordance with Chapter 32, Article V, permits are valid for a maximum period of 5 years
- Located within City of Ocoee

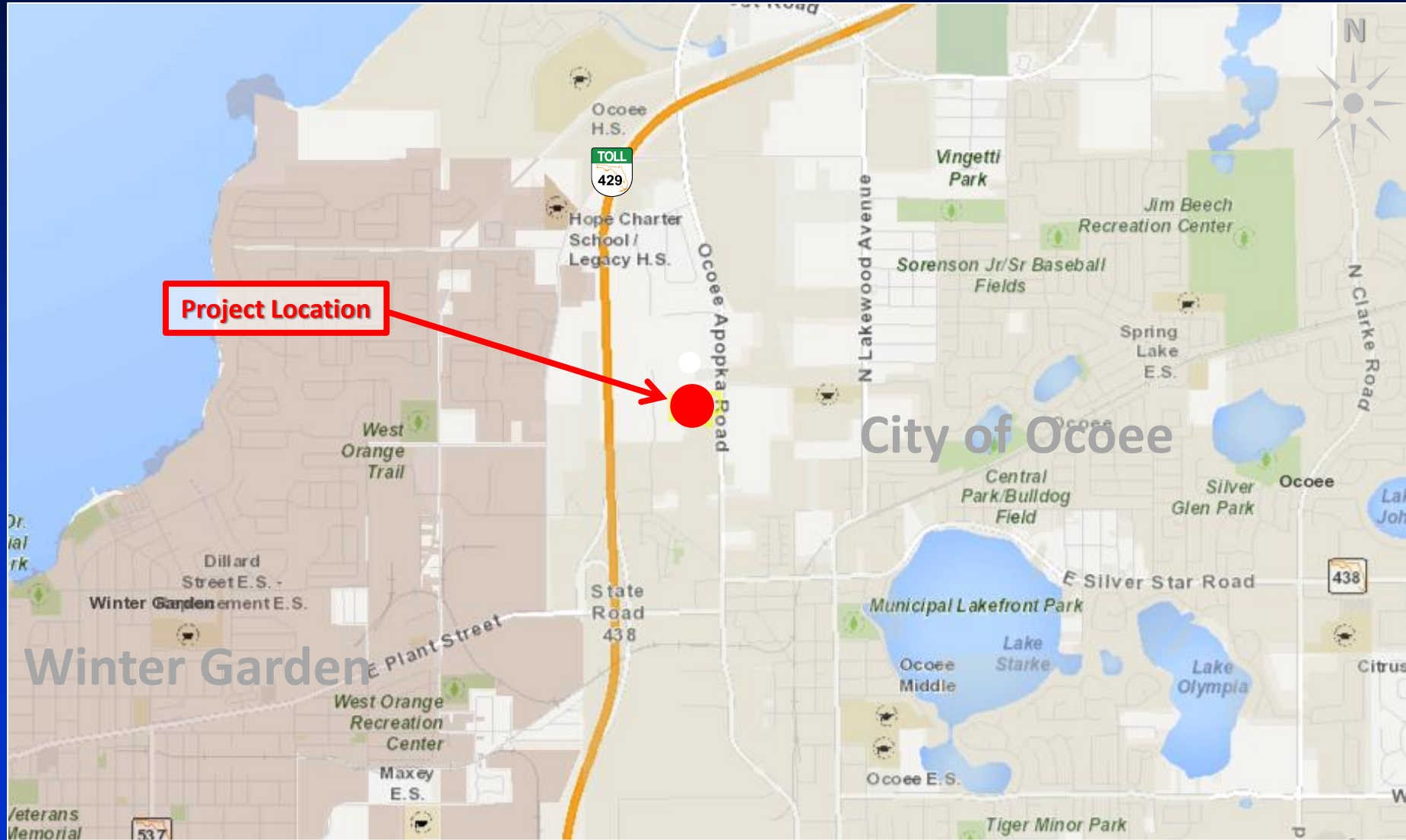


# Request

- **Applicant requests the following:**
  - **Transfer of the permit from “Raynor Shine Recycling Solutions, LLC” to “Raynor Shine Services, LLC”**
  - **Renewal of the permit with modifications:**
    - **Increase the maximum storage pile volume from 10,000 to 30,000 cubic yards during normal operations**
    - **Increase the maximum storage pile volume to 55,000 cubic yards and increase operating days and hours during a State of Emergency declared by the Governor**



# Location Map



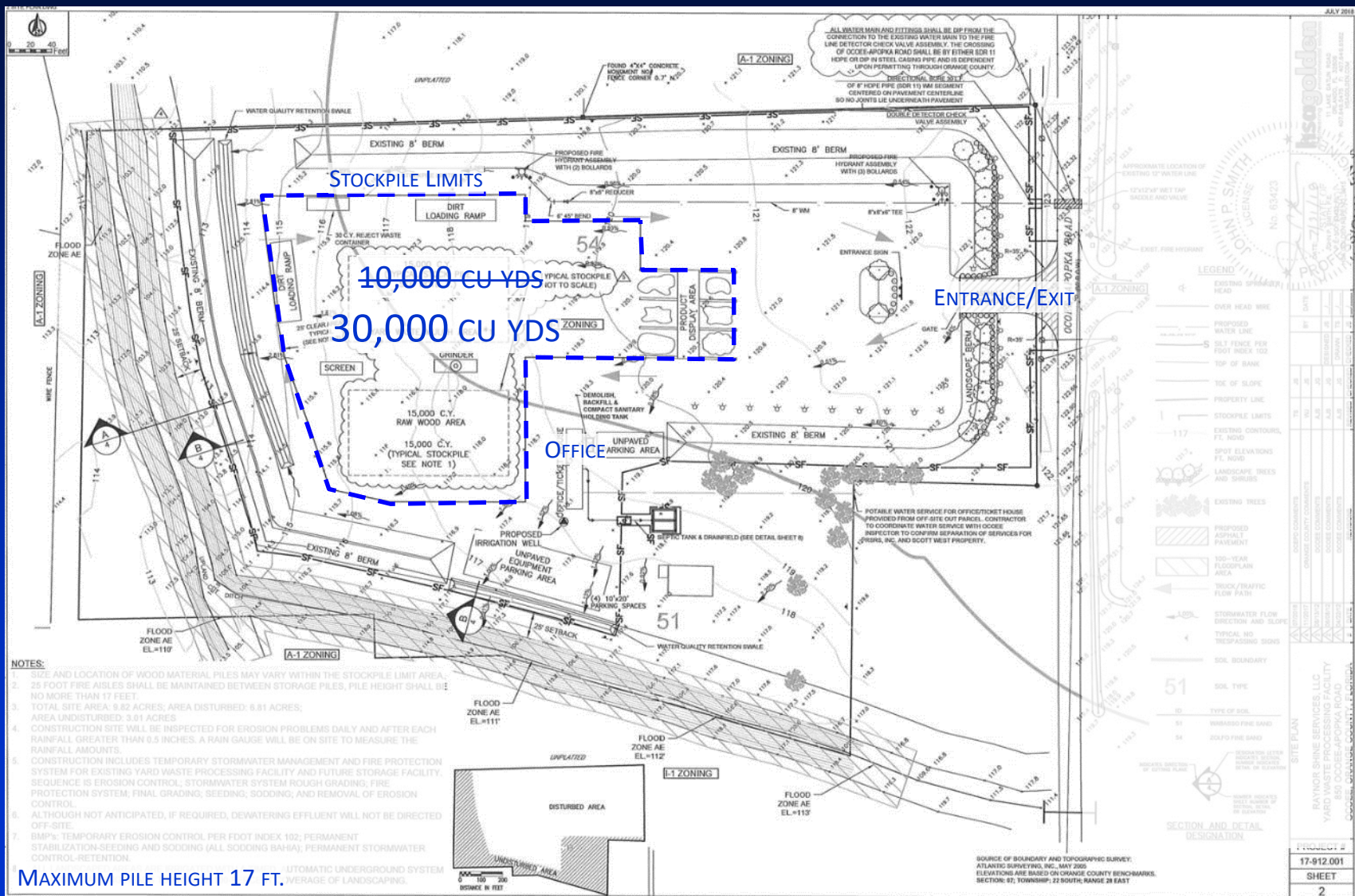


# Aerial Photo





# Site Plan



- NOTES:**
1. SIZE AND LOCATION OF WOOD MATERIAL PILES MAY VARY WITHIN THE STOCKPILE LIMIT AREA.
  2. 25 FOOT FIRE AISLES SHALL BE MAINTAINED BETWEEN STOCKPILE PILES. PILE HEIGHT SHALL BE NO MORE THAN 17 FEET.
  3. TOTAL SITE AREA: 9.82 ACRES; AREA DISTURBED: 8.81 ACRES; AREA UNDISTURBED: 3.01 ACRES.
  4. CONSTRUCTION SITE WILL BE INSPECTED FOR EROSION PROBLEMS DAILY AND AFTER EACH RAINFALL GREATER THAN 0.5 INCHES. A RAIN GAUGE WILL BE ON SITE TO MEASURE THE RAINFALL AMOUNTS.
  5. CONSTRUCTION INCLUDES TEMPORARY STORMWATER MANAGEMENT AND FIRE PROTECTION SYSTEM FOR EXISTING YARD WASTE PROCESSING FACILITY AND FUTURE STORAGE FACILITY. SEQUENCE IS EROSION CONTROL; STORMWATER SYSTEM ROUGH GRADING; FIRE PROTECTION SYSTEM; FINAL GRADING; SEEDING; SODDING; AND REMOVAL OF EROSION CONTROL.
  6. ALTHOUGH NOT ANTICIPATED, IF REQUIRED, DEWATERING EFFLUENT WILL NOT BE DIRECTED OFF-SITE.
  7. BMP's: TEMPORARY EROSION CONTROL PER FDOT INDEX 102; PERMANENT STABILIZATION-SEEDING AND SODDING (ALL SODDING BANJA); PERMANENT STORMWATER CONTROL-RETENTION.

**MAXIMUM PILE HEIGHT 17 FT.**

SOURCE OF BOUNDARY AND TOPOGRAPHIC SURVEY:  
ATLANTIC SURVEYING, INC. MAY 2002  
ELEVATIONS ARE BASED ON ORANGE COUNTY BENCHMARKS.  
SECTION: 87, TOWNSHIP: 22 SOUTH, RANGE 28 EAST

**Legend**

- EXISTING STRUCTURE
- OVER HEAD WIRE
- PROPOSED WATER LINE
- 36" FENCE PER FOOT INDEX 102
- TOP OF BANK
- TOP OF SLOPE
- PROPERTY LINE
- STOCKPILE LIMITS
- EXISTING CONTOUR, FT. NAVD
- SPOT ELEVATIONS, FT. NAVD
- LANDSCAPE TREES AND SHRUBS
- EXISTING TREES
- PROPOSED ASPHALT PAVEMENT
- 100-YEAR FLOODPLAIN AREA
- TRUCK/TRAFFIC FLOW PATH
- STORMWATER FLOW DIRECTION AND SLOPE
- TYPICAL 60" W/2" SLOPING SIDES
- SSR BOUNDARY
- SSR TYPE
- TYPE OF SOIL
- W/2000 FINE SAND
- 20/70 FINE SAND

**PROPERTY COORDINATES**

| ADJACENT PROPERTY | OWNER | ADDRESS | SECTION | TOWNSHIP | RANGE |
|-------------------|-------|---------|---------|----------|-------|
| ...               | ...   | ...     | ...     | ...      | ...   |

**DATE**

| DATE     | BY   | DESCRIPTION |
|----------|------|-------------|
| 07/20/18 | J.P. | FINAL       |

**PROJECT #**  
17-912.001

**SHEET**  
2





# Existing Conditions

## Facility entrance/exit







# Existing Conditions

## Office





# Existing Conditions

## Wood grinding operations



TUB GRINDER





# Existing Conditions

## Storage pile area in rear of property





# Existing Conditions

## Other equipment at the site





# Considerations

- EPD reviewed for the requirements in Chapter 32, Article V (Solid Waste Management Ordinance)
- The City of Ocoee has reviewed the proposed modification and indicated they have no issues with the request for expansion of volume
- The City of Ocoee, the applicant and their agent were notified of this public hearing
- EPD has not received any citizen input on the permit request



## Requested Action

- **Approval of the Transfer of Solid Waste Management Facility Permit No. SW-072228-YT-12/1210 from Raynor Shine Recycling Solutions, LLC to Raynor Shine Services, LLC and Approval for Five Years of Solid Waste Management Facility - Yard Trash Processing - Permit Renewal Application (SW-17-07-001), by Raynor Shine Services, LLC, subject to waivers and conditions listed in the staff report. District 2**