



Proposed ArborNature Transfer Station

PUBLIC HEARING



Topics

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- Acceptable and Unacceptable Wastes
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- Design Criteria
- Permitting Process
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General Information

- ArborNature, LLC
 - **Transfer Station**
 - 26 Summit Drive on Hilton Head Island, SC
 - The site is approximately 4 acres
 - Proposed to Store 240 tons of Construction & Demolition (C&D) Debris
- Approved by Town of Hilton Head for zoning

Updates

- DHEC Management from the Bureau of Land and Waste Management, Bureau of Water, Ocean and Coastal Resource Management, the Region and the Environmental Affairs Team met with the applicant on-site to discuss concerns and walk the property and adjacent areas on September 30.
- DHEC has received drawings from the Town of Hilton Head showing that the feature behind the site is man-made and was modified as part of a drainage improvement project for the airport in 2004. DHEC has determined, based on the plans and the site visit, that the feature is a drainage ditch.
- The applicant has chosen to move the operational area. The new location will provide a 200-foot buffer to the drainage ditch, providing additional environmental protection.



Previous Location of Proposed Operating Area

100 foot Buffer for Property Line

New Location of Proposed Operating Area

Updates

- The FEMA FIRM Maps are currently being updated for Hilton Head Island and will be published in March 2021. The new maps indicate that the parcel is not located in the 100-year flood plain.
- The applicant has submitted a hurricane contingency plan to remove waste if a Hurricane warning is issued.
- As part of modifying the site plan, an updated Coastal Zone Consistency determination is required. This process includes coordination with the Department of Natural Resources, which would identify the need for additional permit conditions related to Bald Eagle nesting sites.
- An updated application will be posted online at www.scdhec.gov/ArborNature once it is received.

Updates on Permits

- Construction Stormwater Permit – Currently under review based on the new site layout
- Coastal Zone Consistency Determination – Currently under review based on the new site layout
- Transfer Station Application – Currently being reviewed
- Composting Application – Currently being reviewed

Proposed Permit Conditions

The Department is proposing to add the following conditions to the draft permit:

- Due to the airport being in close proximity to the facility, dead animals are not allowed at the facility. Should a dead animal be found in the waste, it shall be removed from the operational area immediately and shall be stored in a manner to promote vector and odor control and removed from the facility within 24 hours and taken to an appropriate solid waste management facility.
- If the facility identifies putrescible waste, it shall be removed from the operational area immediately and shall be stored in a manner to promote vector and odor control and removed from the facility within 24 hours and taken to an appropriate solid waste management facility.

Proposed Permit Conditions Cont.

- Based on the approved waste stream an enclosed building is not required, unless the Permittee consistently fails to remove waste within one (1) week of its receipt.
- No material may be stored on the ground outside of the operational area except that material which is covered under the composting permit and subject to R.61-107.4.
- If an evacuation of Hilton Head Island is issued, all waste and recyclable materials must be removed from the site and taken to an appropriate solid waste management or recycling facility.
- Recyclable materials may be stored at the site for longer than 1 week as long as they have been separated from other waste and stored in a bin to be transported to an appropriate facility. This material is counted as part of the 240 ton maximum storage limit at the site.

What is a Transfer Station?

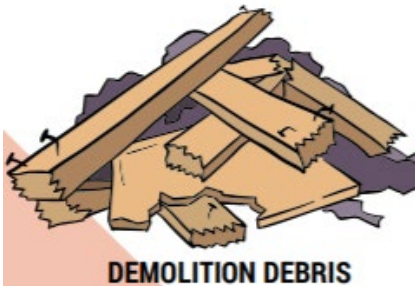
A place where solid waste is taken from collection vehicles and placed in other transportation units for movement to another solid waste management facility.

Some material may be recycled at the facility

Acceptable Wastes

Waste Listed in Appendix I of Reg. 61-107.19
Includes, but not limited to:

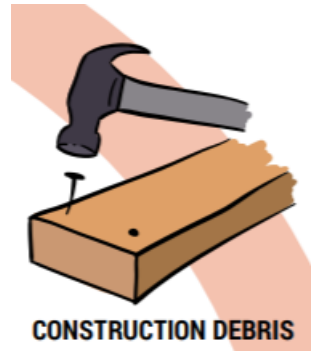
- Asphalt, concrete, bricks, C&D debris, and Land-clearing debris
- Box Springs and Mattresses
- Glass
- Shingles
- Asbestos
- Lead-Based Paint



DEMOLITION DEBRIS



ASPHALT



CONSTRUCTION DEBRIS



Unacceptable Wastes

Items Listed in Appendix II of Reg. 61-107.19
Includes (but not limited to):

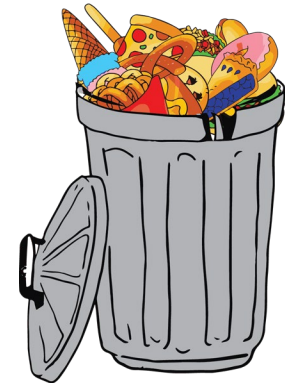
- Items Containing Polychlorinated Biphenyls (PCBs)
- Petroleum Contaminated Waste
- Sludges



Infectious Waste



Hazardous Waste



Municipal Solid
Waste (MSW)
Household Trash

Buffer Requirements

The operating area is required to be:

- 100 feet from a property line
- 200 feet from any surface water, excluding drainage ditches and sedimentation ponds
- 200 feet from residences, schools, hospitals or recreational park areas
- 100 feet from any drinking water well
- Shall not be located in wetlands
- Whenever possible, transfer stations shall not be constructed in a 100-yr flood plain

There are no buffer requirements for airports



Property Line

Drainage Ditch

200-foot Buffer
Required for
Surface Water and
Residences

100-foot Buffer
Required to
Property Line

Infiltration Basin

Operational Area

Wetland Boundary

Access Drive

Design Criteria

- Proper on-site roads
- Access Control
- Signage
- Agreement with a fire department
- Low permeability pad

Design Criteria

Due to the nature of the waste stream, the following design criteria may not be required:

- Water supply for cleaning the pad; and, equipped with drains or pumps
- Enclosed building
- Exhaust removal system

Permitting Process

Technical application and review

March 4, 2020	Technical Application received
June 10, 2020	Notice of Draft Permit
August 18, 2020	Notice of Public Meeting and Public Hearing by publication in <i>The Island Packet</i>
September 10, 2020	Public Meeting
September 24, 2020	Public Meeting
October 22, 2020	Public Hearing
November 5, 2020	DHEC public comment period closes

Next Steps

- DHEC will review all comments received
- DHEC will make a final decision and provide a written response to all comments
- Final decision date begins 15-day appeal period

How to Comment

Submit comments by mail or email through

November 5, 2020 to:

Justin Koon
DHEC/BLWM
2600 Bull Street
Columbia, SC 29201
koonjt@dhec.sc.gov
(803) 898-1339

Application and draft permit can be found at:

www.scdhec.gov/ArborNature



DHEC Contacts

Central office

Solid Waste Permitting
Attn: Timothy Eleazer
2600 Bull St.
Columbia, SC 29201
(803) 898-1374
eleazetm@dhec.sc.gov

Local office

Beaufort Regional Office
Attn: Reahnita Tuten
104 Parker Drive
Beaufort, SC 29906
(843) 846-1030
tutenrs@dhec.sc.gov

www.scdhec.gov/ArborNature



Contact Us
www.scdhec.gov
(803) 898-DHEC (3432)

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