

March 3, 2020

Division of Mining & Solid Waste Permitting
SCDHEC
2600 Bull Street
Columbia, SC 29201-1708

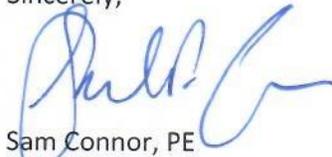
Re: ArborNature C&D Recycling and Transfer Station

To Whom It May Concern,

Please find enclosed the permit application, engineering report, and site plan for the ArborNature C&D Recycling and Transfer Station located in Beaufort County, SC.

Please provide any comments you may have and contact our office at (843) 368-5051 if you have any questions or concerns. We appreciate your assistance in moving this project forward.

Sincerely,



Sam Connor, PE
Connor Consulting Services, LLC

cc: Adam Congrove, ArborNature LLC

Connor Consulting Services, LLC
10 Pinckney Colony Rd Suite 502, Bluffton, SC 29910
843-368-5051
connorconsultingsc@gmail.com
www.ConnorConsultingSC.com

ArborNature C&D Recycling and Transfer Station

March 3, 2020

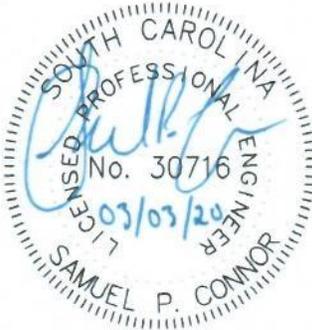


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Engineering Report

1. GENERAL OVERVIEW

The proposed ArborNature C&D Recycling and Transfer Station is located on the site approved as ArborNature Woodchipping Facility. The site is located on Summit Drive on Hilton Head Island, Beaufort County, South Carolina. The location includes appropriate screening, scales, attendants shed, material storage and dumping grounds. The transfer waste holding area is approximately 68' x 116' and is surrounded on 3 sides with stacked 2' x 2' x 8' concrete blocks (stacked 2 blocks high). The blocks surround 3 sides of the transfer area for waste containment and there is no cover. The open side of the transfer area is for access to the dumping area and for the excavator to load the transfer trailers. The operations for the facility have been fine-tuned and are outlined in the report below and attached site plan.

2. OPERATIONS PLAN

Normal Operation Hours

- Normal operating hours of the C&D Transfer Station will be 8:00 am – 4:00 pm; Monday through Friday, except legal holidays.

Description of Waste Stream

- Construction and demolition debris only in accordance with SCDHEC's list of acceptable waste

Fire Prevention

- No smoking or burning of any kind is permitted within the facility property
- Approved and certified fire extinguishers will be located on site and in compliance with OSHA's fire prevention requirements
- Combustible waste materials will be properly identified by trained employees and separated from other potentially reactive waste materials if necessary
- Local fire stations phone numbers will be posted in attendant's office
- Local fire station has been notified regarding fire prevention procedures.

Odor Control

- The frequency of debris removal and type of debris accepted prevents odor from becoming problematic. If an odor does become a problem it will be identified and addressed as soon as possible.

Control of Vectors

- The frequency of debris removal and type of debris accepted prevents Vectors from becoming problematic. The turnover time will be performed on as needed basis, at minimum once a week. If Vectors are identified they will be addressed as soon as possible, and if Vectors become an issue the pest management company will be contacted to provide treatment.

Control and Inspection of Incoming Waste

- The drivers and site operators will be trained to look for and identify unacceptable waste. Only C&D waste will be accepted at the site. Neither Municipal Solid Waste nor Hazardous Waste is permitted or allowed to enter the site.

Life Expectancy of Facility

- A life expectancy of at least 20 years is anticipated for this facility.

Measuring Incoming Waste

- The site has a 11' x 70' drive on, SC certified scale. Trucks will be weighed in and out to determine the exact amount of debris dumped. Weight will be measured in tons. County origin of waste will be documented.

Leachate collection

- Not applicable – only C&D debris will be accepted.

Maintenance and Operation (O&M) Manual

Tipping Floor Load-Out Area Maintenance and Inspection

- Site operator will be required to fill out a monthly report stating the condition of the site. All repairs will be addressed immediately.

Cleaning the Tipping Floor and Load-Out Area Floor Drains and Drainage System

- Site operator will continuously monitor the condition of the gravel/dirt tipping floor and maintain positive slope as to prevent holes or mounds of debris. The tipping floor will be maintained daily to keep debris confined to proper areas and maintain proper vehicle flow.

3. CONTINGENCY PLAN

Inoperable Periods

- During inoperable periods, no debris will be brought to or removed from the site. All access gates to the site will be secured and locked when site is not in service.

Fire Plan

- Employees will be properly trained on the use of fire extinguishers provided onsite if any fire should occur. The local fire department contact information will be readily available and posted throughout the facility. Employees will be trained to evacuate the area of an out of control fire immediately and contact the local fire department as soon as possible.

Hazardous/Infectious Waste

- Hazardous and infectious waste is not allowed to enter the site. If an employee encounters unacceptable waste material they have been trained to isolate the waste and immediately contact the fire department and Department of Health and Environmental Control (DHEC) for proper disposal.

Power Failure

- In the event of a power failure, the facility will close to all incoming and outgoing waste until the failure is resolved.

Unavailability of transfer vehicles

- If transfer vehicles become unavailable, all incoming waste will be halted based upon the capacity of the remaining storage. The site will only accept C&D materials and therefore odor and vector control will not be an issue.

3.6 Unavailability of Scales

- If scales become inoperable or unable to accurately measure waste, the facility will be closed until the scales are properly working.

Spill Containment

- Employees will be trained to handle spill containment and provided spill containment kits in the attendant's office.

Loading equipment

- A 210 size and 300 size excavators will be used to load the transfer truck. A front-end loader will assist in debris containment.

Maximum Amount of Waste that can be Received during inoperable periods

- No debris will be accepted during inoperable periods.

4. CLOSURE PLAN

Procedure of waste residues removal

- Recyclables will be recovered from the material and the remaining debris will be transferred to a permitted landfill.

Procedure of cleaning and disinfection of waste handling area

- There will be no putrescible waste allowed on site. The handling area will be cleaned and inspected daily.

Procedure for removal of leachate

- Not applicable – only C&D debris will be accepted.

Financial assurance

1.	General Conditions/Mobilization/Demobilization (Backhoe and Bulldozer)	\$5,000
2.	Transfer Station Cleaning: - 70 man hours at \$13 per hour = \$910 - Cleaning material cost \$200	\$1,110
3.	Abandon wastewater collection stumps	N/A
4.	Signage: 2 metal signs fixed to fence	\$200
5.	Waste disposal: - Mobilization/Demobilization of Front End Loader \$2,000 - 60 man hours at \$13.00 per hour for Cost of Loading = \$780 - 500 tons at 20 tons per load at \$200.00 per load for cost of Hauling = \$5,000 - 500 tons at \$35.00 per ton for cost of Disposal = \$17,500	\$25,280
6.	Lechate disposal	N/A
7.	Removal of Contaminated soils	N/A
8.	Contingency cost of closure	\$2,000
9.	Administrative cost of closure	\$1,000
ESTIMATED TOTAL		\$34,590

5. TRANSPORTATION PLAN

The number and type transportation vehicles to be used

- All waste will be loaded into a 115 CY walking floor trailer pulled by a tractor truck. Under standard operation two trailers will be used.

The number and type of equipment to be used to load waste

- Two excavators (size 210 & 300) will be used to load the trailer. A front-end loader will be used to assist in the waste containment.

Design calculation showing maximum capacity of operations

- 240 tons per day of three 115 cubic yard trailers dumping 4 loads per day at 20 tons per load

Transportation Plan

- See Appendix F: Overall Site Plan for reference distance and their location.
- There is 100 feet available for on-site stacking space for incoming vehicles, and additional 190 feet on-site stacking space for vehicle scale queue. This allows allowing 5 vehicles each 55 ft. on hold in this area.
- There is approx. 500 ft. available for truck unloading queue.
- Peak Hourly Traffic Volume = 10 Vehicles Per Hour

6. FACILITY DESIGN INFORMATION

Average and maximum collection vehicle payloads

- 5 tons average and 15 tons maximum

Time to unload each collection vehicle

- Roll-off dump trucks only, avg. 6 minutes per dump

Required unloading space

- Roll-off dump trucks require an area 30' long and 10' wide to dump

Total hours per day waste is delivered

- 8:00 a.m. to 4:00 p.m. or 10 hours per day

Peaking factor for facility

- Average one vehicle per 30 minutes and 5 vehicles per 30 minutes maximum.
- 10 vehicles per hour maximum

Peak Hourly Traffic Volume by Collection Type

- 10 vehicles per hour all of C&D waste material. No other waste allowed on site.

Total Length of Dumping Space: 116 ft.

Total Width of Dumping Space: 68 ft.

Total Height of Dumping Space

- No building or cover will be installed, therefore no height restrictions for equipment or machinery is necessary.

Total Area Required for Solid Waste Storage: $116' \times 68' = 7,888$ sf

Stored Solid Waste Density

- Average 200 tons

Maximum tonnage that can be stored in dumping space area of the tipping floor

- 500 tons

Total Building Area

- The open waste holding area has an area of 7,888 sf. This holding area is not a building.

Average and maximum transfer trailer capacity in cubic yards and tonnage

- Average Capacity – 19 tons or 100 cubic yards
- Maximum Capacity – 20 tons or 115 cubic yards

Front End Loader Bucket Capacity Cubic Yards (loose)

- 5 cubic yards

Estimated Time Available for Loading Transfer Trailers

- 115 yard trailer / tow yards per load – 40 loads per trailer, approximately 30 minute load time
- 30 min per load x 8 trailers per day = 4 hrs per day

Density of compacted waste in a trailer load

- 535 pounds per cubic foot

Rate at which the front end loader will load and compact the waste

- 23 scoops every 30 minutes

Estimated number of trailers required to manage receiving capacity of the facility

- 240 tons per day max capacity = 3 trailers doing 4 loads per day at 20 tons each = 240 tons

Estimate number of trailers required to manage storage capacity of the facility

- 240 tons per day max capacity = 3 trailers doing 4 loads per day at 20 tons each = 240 tons

Allowable time to manage one transfer trailer

- 40 minutes

Time to remove and replace each loaded trailer

- Each trailer will be required to have a truck assigned to it thus it will never have to move and be replaced.

Time to load each transfer trailer

- 30 minutes per trailer

Number of transfer trailers loading simultaneously

- Only one trailer is anticipated to be loading at a time
- Site has the ability to load two trailers at once if necessary

Average and Peak tonnage throughout

- Avg. 80 tons per day
- Peak 240 tons per day

7. TRAINING PLAN

Procedure for Handling Equipment

- All equipment operators and drivers must be a CDL holder and have at least one year of operating experience before allowed to operate machinery.

Review of Operational Plan and Contingency Plan

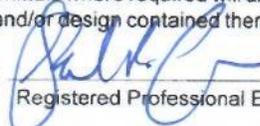
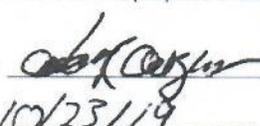
- Monthly review of site conditions and operations will be performed by management staff to assure all items contained in this report are followed.
- Drivers and operators will be properly trained to identify unacceptable waste

APPENDIX A



**Application for Permit to Construct a Solid Waste Management System
Bureau of Land and Waste Management**

Submit to: Division of Mining and Solid Waste Permitting, Bureau of Land and Waste Management
SC Department of Health and Environmental Control, 2600 Bull Street, Columbia, SC 29201-1708
(Please Print or Type)

- I. Name of project: ARBORNATURE C&D RECYCLING AND TRANSFER STATION
- II. Physical location (Directions to project - use street names, county road numbers, etc.): _____
4 AC, BEING A PORTION OF PARCEL 1034, SUMMIT DR County: BEAUFORT
Latitude and longitude (nearest 15 seconds) or UTM coordinates: _____
32°13'40.6"N 80°41'31.3"W
- III. In accordance with Title 44, Chapter 96 of the Code of Laws of South Carolina, 1976, as amended, I hereby make application, on behalf of the party(ies) whose name(s) appears below, for a permit to construct and operate the following type of solid waste management project (describe): _____
CLASS TWO - CONSTRUCTION AND DEMOLITION DEBRIS TRANSFER STATION
- IV. Facility name, mailing address: ARBORNATURE C&D RECYCLING AND TRANSFER STATION
PO BOX 22268 HILTON HEAD SC 29925 Telephone number: (843) 681-2726
- V. Operator's name, mailing address (if different from name of facility owner): _____
Telephone number: _____
- VI. Landowner's name, mailing address (if different from name of facility or operator): TOWN OF HILTON HEAD
ONE TOWN CENTER CT HILTON HEAD SC 29928 Telephone number: (843) 341-4600
- VII. I have placed my signature and seal upon the documents submitted with this application signifying that I accept responsibility for the information and/or design contained therein. Additional submittals where required will also bear my signature and seal, signifying that I accept responsibility for the information and/or design contained therein.
Engineer's name (print): SAM CONNOR Signature: 
S.C. Registration No: 30716 Registered Professional Engineer
- VIII. I have read this application and all attached documents. I agree to the requirements and conditions that are contained in it. Also, I agree to the admission of properly authorized persons at all reasonable hours for the purpose of sampling and inspection.
Name of Facility Representative (print): Adam R. Congrove Signature: 
Facility Representative's title: President Date: 10/23/19
Name of Operator Representative (print): _____ Signature: _____
(If different from facility representative)
Operator Representative's title: _____ Date: _____
Name of Landowner (print): Stephen Riley Signature: 
(if different from facility or operator representative) Date: 10/25/19

Connor Consulting Services, LLC
Sam Connor, PE
Bluffton, SC

APPENDIX B



APPENDIX B.1

APPENDIX C

TOWN OF HILTON HEAD ISLAND

One Town Center Court, Hilton Head Island, S.C. 29928
(843) 341-4600 Fax (843) 842-7728
www.hiltonheadislandsc.gov

David Bennett
Mayor

Kim W. Likins
Mayor ProTem

Council Members

David Ames
Marc A. Grant
William D. Harkins
Thomas W. Lennox
John J. McCann

Stephen G. Riley
Town Manager

Via U.S. Mail and E-mail

March 16, 2018

Mr. Adam Congrove
ArborNature, LLC
PO Box 22268
Hilton Head Island, SC 29925-2268

Re: Zoning Verification for Portion of Parcel 1034, Summit Drive

Dear Adam:

This letter is delivered to you in connection with the Lease to be entered into by and between the Town of Hilton Head Island (the "Town") and ArborNature, LLC (the "Lease") regarding that certain tract of land containing 4.00 acres, more or less, shown and designated as "Portion of Parcel 1034" on that certain plat of survey entitled "Boundary, Tree and Topographic Survey of: A Portion of Parcel 1034, Summit Drive, Hilton Head Island, Beaufort County, South Carolina" prepared by Sea Island Land Survey, Mark R. Renew, SCPLS 25437, dated 10 November 2017 (the "Summit Drive Tract").

By this letter, in response to your request for verification of the zoning and permitted uses for the Summit Drive Tract, I confirm for your reliance that I am the LMO Official for the Town, and in that capacity, I have the power and duty to, among other things, make written interpretations of the Town's Land Management Ordinance (the "LMO") and maintain the Town's Official Zoning Map. In that capacity, I have reviewed the LMO adopted by the Town Council of the Town on October 7, 2014 and all amendments to the LMO adopted by the Town Council of the Town since then, and I have also reviewed the Town's Official Zoning Map regarding the Summit Drive Tract. I also confirm for your reliance that in preparing this letter, I am cognizant of the South Carolina Supreme Court's decision in the 2010 case styled *Quail Hill, LLC v. County of Richland*, and I confirm that I am aware that your receipt of this letter is a material inducement to you to enter into the Lease, and that you are entitled to rely on this letter as binding on the Town.

I confirm for your use and reliance that the Summit Drive Tract is located in the LMO's Light Industrial (IL) zoning district.

In reviewing the permitted uses available on the Summit Drive Tract under the Light Industrial (IL) District regulations, I have taken into account the activities that occur on, and the uses made of, the Beaufort County convenience center located in the vicinity of the Summit Drive Tract, which is also in the Light Industrial (IL) District.

The LMO provides that one of the one of the by-right permitted uses in the Light Industrial (IL) District is Waste-Related Services Other than Waste Treatment Plants, and the LMO's definition of Waste-Related Services Use Other than a Waste Treatment Plant reads as follows:

An establishment that receives solid or liquid wastes from others for disposal on the site or for transfer to another location, that collects sanitary wastes, or that manufacturers or produces goods or energy from the composting of organic material. Uses include: waste transfer or composting centers; salvage and recycling facilities; resource recovery facilities; recycling drop-off centers; and water treatment plants. Accessory uses may include offices, outdoor storage, recycling of materials, and repackaging and transshipment of by-products. Disposal of dirt, concrete, asphalt, and similar non-biodegradable materials is considered fill.

Based on the allowed uses for the Summit Drive Tract, I confirm for your use and reliance that wood grinding, waste transfer, and composting center operations are permitted uses on the Summit Drive Tract under the LMO. Such permitted uses include, but are not limited to, receipt from third parties of, on-site storage of, and transfer of organic and inorganic yard trash, landscaping debris, land-clearing debris, and construction or demolition debris; waste transfer; and composting; however, the operation of a sanitary sewer treatment plant is not a permitted use on the Summit Drive Tract.

Please contact me at (843) 341-4698 or at teri@hiltonheadislandsc.gov if you have further questions regarding the permitted uses on the Summit Drive Tract.

Sincerely,



Teri B. Lewis, AICP
LMO Official

APPENDIX D

*4/15
Chester Williams
9381*

BEAUFORT COUNTY SC - ROD
BK 3840 Pgs 3384-3387
FILE NUM 2020011129
02/28/2020 03:25:18 PM
REC'D BY rbing RCPT# 966052
RECORDING FEES \$15.00
County Tax \$330.00
State Tax \$780.00
Transfer Tax \$750.00

STATE OF SOUTH CAROLINA)
)
COUNTY OF BEAUFORT) GENERAL WARRANTY DEED

Know All Men by These Presents, that The Town of Hilton Head Island, South Carolina, a body politic (the "Grantor"), as authorized by Ordinance No. 2019-09 adopted by the Town Council for The Town of Hilton Head Island, South Carolina on April 23, 2019, for and in consideration of the sum of Three Hundred Thousand and no/100 (\$300,000.00) Dollars, and to comply with the terms of the certain Order of the Honorable Marvin H, Dukes, III entered on February 19, 2019 in Civil Action Numbers 2017-CP-07-517 and 2017-CP-07-374 in the Court of Common Pleas for the Fourteenth Judicial Circuit, Beaufort County, South Carolina, to it in hand paid at and before the sealing of these presents by Congrove Enterprises, LLC, a South Carolina limited liability company (the "Grantee"), having an address of Post Office Box 22268, Hilton Head Island, SC, 29925-2268, in the State aforesaid, the receipt whereof is hereby acknowledged, subject to the easements, restrictions, and conditions set forth in the legal description below, has granted, bargained, sold and released, and by these presents does

release unto the Grantee, in fee simple, its successors and assigns, forever the following property:

All that certain piece, parcel or lot of land, situate, lying and being on Hilton Head Island, Beaufort County, South Carolina, shown and described as "Portion of Parcel 1034 4.00 ac. 174,240 Sq. Ft.," on a Plat dated November 10, 2017, prepared by Sea Island Land Survey, LLC, Mark R. Renew, SCPLS 25437, and which is recorded in the Office of the Register of Deeds for Beaufort County, South Carolina, in Plat Book 153 at Page 121

This conveyance is made and accepted subject to a reserved access easement in favor of the Grantor, allowing access onto the property herein conveyed for a depth of twenty (20') feet along the common boundary between the property herein conveyed and the adjacent property owned by the Grantor, for the purpose of installing, erecting, placing, planting, or maintaining the noise abatement or mitigation structures, plantings, or improvements on the property owned by the Grantor. The reserved access easement does not permit the Grantor, to install, erect, plant, or place any structures, plantings, or improvements on the property herein conveyed, and the reserved easement is solely for the purpose of allowing entry in aid of installing, erecting, planting, placing, or maintaining noise abatement or mitigation structures, plantings, or improvements on the adjacent property owned by the Grantor. Use of the reserved easement is limited to the time that is required to complete any installation, erection, planting, placement, or maintenance of any noise abatement or mitigation structures, plantings, or improvements on the adjacent property owned by the Grantor. The Grantor shall restore any part of the property herein conveyed that is damaged by the Grantor's exercise of the easement rights reserved herein to its condition prior to the Town's entry.

This conveyance is also made and accepted subject to all other applicable covenants, easements, or other matters that are of record in the Office of the Register of Deeds for Beaufort County, South Carolina.

This being a portion of the property conveyed to The Town of Hilton Head Island, South Carolina, by deed of Cutcliffe/Heyward Partnership dated May 2, 1999 and recorded in the Office of the Register of Deeds for Beaufort County, South Carolina, in Record Book 1173 at Page 1340, and by deed of Cornelia Stevens, Ruby Goover, Ammie Oliver, and Joseph Cannick dated July 12, 2002 and recorded in the Office of the Register of Deeds for Beaufort County, South Carolina, in Record Book 1634 at Page 238.

This deed was prepared in the law office of Coltrane & Wilkins, LLC, Post Office Box 6808, Hilton Head Island, SC, 29938, by Curtis L. Coltrane.

A Portion of R510 009 000 1034 0000

Together with, all and singular, the Rights, Members, Hereditaments and Appurtenances to the said Premises belonging, or in anywise incident or appertaining.

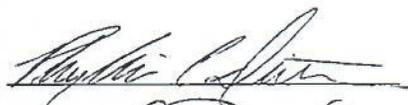
To Have and to Hold, all and singular, the said Premises before mentioned unto the Grantee, its successors and assigns, forever.

And the Grantor does hereby bind itself and its successors and assigns to warrant and forever defend, all and singular, the said Premises unto the Grantee, its successors and assigns, against the Grantor and its successors and assigns, and against all persons whomsoever lawfully claiming, or to claim the same or any part thereof.

In witness whereof, John J. McCann, Mayor of The Town of Hilton Head Island, South Carolina, and Stephen G. Riley, Town Manager of The Town of Hilton Head Island, South Carolina, have set their hands and seals on this 26th Day of February, 2020.

WITNESSES

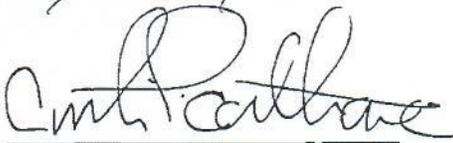
THE TOWN OF HLTON HEAD ISLAND,
SOUTH CAROLINA



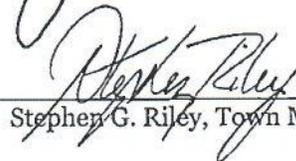
By: _____



John J. McCann, Mayor



By: _____



Stephen G. Riley, Town Manager

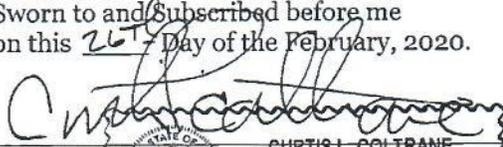
STATE OF SOUTH CAROLINA)

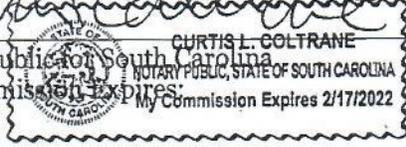
COUNTY OF BEAUFORT)

UNIFORM ACKNOWLEDGMENT

I, the undersigned Notary Public do hereby certify that The Town of Hilton Head Island, South Carolina, by and through John J. McCann, Mayor, and Stephen G. Riley, Town Manager, personally appeared before me on this day and duly acknowledged the execution of the foregoing instrument.

Sworn to and Subscribed before me
on this 26th Day of the February, 2020.


Notary Public for South Carolina
My Commission Expires 2/17/2022



Connor Consulting Services, LLC
Sam Connor, PE
Bluffton, SC

APPENDIX E

AFFIDAVIT OF OWNER'S CONSENT

February 28, 2020

Owner: Congrove Enterprises LLC

Tenant: ArborNature LLC

RE: C&D Transfer Station

Congrove Enterprises LLC grants permission to ArborNature LLC to use property on Summit Drive, Hilton Head SC (a portion of the parcel identified as R510 009 000 1034 0000) as a Class Two – C&D Transfer Station.

ArborNature LLC is responsible for all permits and requirements from Town of Hilton Head and/or any other government entity.


Adam Congrove, Member

Connor Consulting Services, LLC
Sam Connor, PE
Bluffton, SC

APPENDIX F

Connor Consulting Services, LLC
Sam Connor, PE
Bluffton, SC

APPENDIX G

**Disclosure Statement has been removed from this document and
is filed separately.**

APPENDIX H

Appendix I

ACCEPTABLE WASTE FOR CLASS TWO LANDFILLS

The following types of waste have been determined by the Department to be environmentally safe and may be accepted at Class Two Landfills unless specifically prohibited by the Department. Acceptable wastes may be generated by construction, demolition, land-clearing, industrial, and/or manufacturing activities, and/or obtained from segregated commercial waste. However, any of the materials listed in this appendix that have been contaminated by any hazardous constituent listed in the S.C. Hazardous Waste Management Regulations 61-79.261, or petroleum products, are prohibited from disposal at a Class Two Landfill.

Acceptable Land-Clearing Debris Such As:

- . brush & limbs
- . earthen material, e.g., clays, sands, gravels, & silts
- . logs
- . rock
- . root mats
- . top soil
- . tree stumps
- . vegetation

Acceptable Debris Such As:

- . asbestos-containing material²
- . other items physically attached to structure, e.g., signs, mailboxes, awning, vinyl siding
- . bricks & masonry blocks
- . cardboard
- . other structural fabrics
- . dry paint cans
- . packaging material
- . dry caulking tubes
- . painted waste (includes lead-based paint)
- . fiberglass matting
- . pallets & crates
- . floor covering
- . pipes
- . glass
- . plaster & plasterboard
- . glass wire (optical fiber)
- . polyfiberglass (highly polished, cured)
- . hardened asphaltic concrete³
- . material used for shower stalls, roofing, etc.)
- . hardened cement
- . shingles & roofing materials
- . hardened concrete (may include rebar)
- . structural steel
- . insulation material
- . tile (floor, wall & ceiling)

² Friable and nonfriable asbestos-containing material shall be disposed in a designated area and covered immediately upon receipt with at least six inches (6") of acceptable material. Prior to disposal of asbestos-containing material, the generator of the asbestos waste shall obtain a "permission for disposal" letter from the Department's Bureau of Air Quality (BAQ) and submit this letter to the landfill. All landfills accepting asbestos-containing material for disposal are subject to the BAQ regulation 61-86.1 Standards of Performance for Asbestos Abatement Operations, and the National Emissions Standards for Hazardous Air Pollutants[40CFR61, Subpart M;]

³ Tar sealant material is not acceptable.

- . lumber (includes treated lumber)
- . mirrors
- . tires⁴
- . tubing
- . wall coverings

Acceptable Brown Goods:

- | | | |
|------------|--|---|
| furniture: | <ul style="list-style-type: none"> . box springs . mattresses . wooden swing sets . nonmotorized bulky outdoor children's toys | <ul style="list-style-type: none"> . furniture including lawn - laminated - metal⁵ - plastic - PVC - vinyl - wooden |
|------------|--|---|

Animal Carcasses Acceptable Under Following Conditions:

- . Animal carcasses shall be buried in a separate designated area. The facility shall submit to the Department a written request to dispose of animal carcasses including a plan that shows the portion of the landfill to be used for this type of disposal. The permit will be modified to reflect the designated disposal area, and;
- . Animal carcasses shall be buried and covered with at least twelve inches (12") of dirt immediately upon receipt.
- . Hydrated lime shall be added to the carcass and surrounding area before cover is applied to control bacterial growth and odor.
- . Mass kill burial shall not be acceptable at Class Two Landfills unless approved by the Department prior to disposal.

⁴ Tires shall be reduced in size by a minimum of one-eighth the size of the original tire prior to landfill disposal.

⁵The Department recommends that all metal furniture be recycled if feasible.

APPENDIX II. Unacceptable Waste for Class Two Landfills.

Appendix II
UNACCEPTABLE WASTE FOR CLASS TWO LANDFILLS

The following types of waste have been determined to pose a potential threat to the environment and shall not be accepted at Class Two Landfills. Wastes are considered to be contaminated if a waste has come into contact with and maintains a residue or characteristic of the contaminated materials as described herein.

Any Waste That Has Been Contaminated by Petroleum Products Such As:

- . absorbent (vermiculite)
- . concrete
- . containers
- . filters (oil, etc.)
- . mechanical/machine parts
- . paper towels & rags
- . pipes
- . soil
- . storage tanks
- . tar sealant material

Any Waste That Has Been Contaminated by Polychlorinated Biphenyls (PCBs) Such As:

- . any waste that has come in contact with any liquid-containing PCBs
- . capacitors
- . electrical components
- . lighting ballasts
- . transformers

Any Waste That Has Been Contaminated by Organic Chemicals or Solvents (industrial plants, chemical plants, laboratories, construction sites, etc.) Such As:

- . absorbent etc.)
- . adhesives
- . caulking compounds
- . cement
- . containers (packaging)
- . filters
- . flooring (wood, carpet, etc.)
- . glazing compound
- . mechanical/machine parts (valves,
- . paint thinner
- . pipes
- . pumps
- . soil
- . storage tanks
- . tar
- . vats

Any Waste That Has Been Contaminated by Preservatives, (pentachlorophenol & creosote) Such As:

- . containers
- . mechanical parts used in manufacturing processes
- . railroad ties
- . soil
- . utility poles

Any Waste That Has Been Contaminated by Pesticides/Herbicides Such As:

- . concrete
- . containers (packaging)
- . equipment used for application
- . mechanical/machine parts
- . pallets & crates
- . soil
- . vats
- . wood (storage area)

Miscellaneous Waste Such As:

- . lamps⁶
- . liquid waste (paint, paint thinner, etc.)
- . unpolished fiberglass (Bondo)
- . wastes/substances determined by the Department to be unacceptable

Cathode Ray Tubes (CRTs) and Electronic Equipment Such As:

- . cameras
- . compact discs (CDs)
- . computers
- . computer monitors
- . communication & navigation equipment
- . Digital Versatile Disc (DVDs)
- . displays
- . hand-held video game machines
- . mainframes
- . microwave ovens
- . personal digital assistants (PDAs)
- . radios
- . stereos
- . televisions
- . test equipment (oscilloscopes, etc.)
- . video cassette recorders (VCRs)
- . video game machines

⁶Fluorescent lamps and high intensity discharge (HID) lamps such as metal halide and mercury vapor lamps.

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