

HCSWA C & D RECYCLING



PERMIT

OFFICE OF ENVIRONMENTAL QUALITY CONTROL
BUREAU OF LAND AND WASTE MANAGEMENT
SOLID WASTE PROCESSING FACILITY
PERMIT # 261001-2001

Date of Issuance: September 22, 2011

Effective Date: October 7, 2011

Permission is hereby granted to:

Name of Facility: Horry County Solid Waste Processing Facility
Permittee: Horry County Solid Waste Authority
Address: 1886 Highway 90
Conway, SC 29526
Supervisor: Mr. Danny Knight, Chief Operating Officer
Phone: (843) 347-1651

for the operation of a Solid Waste Processing Facility located at 1886 Highway 90, Conway, South Carolina, in Horry County.

This permit is issued pursuant to Sections 44-96-10 et seq., and 25A S.C. Code Regulation 61-107.6. The authority granted hereunder is subject to the requirements of the aforementioned laws and regulations and the attached conditions.

EXPENDITURES

CAPITAL



BUILDING & TIPPING PAD

TROMMELL SCREEN



SORT-LINE



OTHER EQUIPMENT

- **TRACK HOE**
- **WHEEL LOADER**
- **ROLL OFF TRUCK & CONTAINERS**

EXPENDITURES

OPERATIONAL

TIPPING PAD OPERATIONS



LABOR



OTHER COSTS

- **FUEL**
- **EQUIPMENT REPAIRS**
- **MATERIALS AND SUPPLIES**
- **REJECTS**

C&D RECYCLING CUSTOMER PROCEDURES

- **Hours of Operation 7:00 A.M. to 3:00 P.M.**
- **Monday thru Friday**
- **Material to be processed:**
 - **Cardboard**
 - **Wood**
 - **Metal**
 - **Plastics**
 - **Carpet**
- **We want to process loads that contain at least 30% of the above materials.**
- **Loads containing large amounts of sheet rock, concrete, shingles will not be processed.**

LOAD INSPECTION



REJECTED LOADS

- **PAD IS FULL—BY PERMIT CANNOT DUMP OFF TIPPING PAD**
- **TOO MUCH CONTAMINATION—SHEET ROCK, LARGE CONCRETE, INSULATION**
- **NOT ENOUGH RECYCLABLE MATERIAL IN LOAD**

REVENUES

- **RECYCLING TIPPING FEE**
- **SALE OF RECYCLABLE MATERIALS**
- **NON-RESALE RECYCLABLES**

CARDBOARD READY FOR SALE



WOOD SCRAPS GROUND AND SOLD FOR BOILER FUEL



MULCH



SCRAP PLASTIC



PET PLASTIC



SCRAP METAL



SCRAP ALUMINUM



NON-RESALE RECYCLABLES

AIRSPACE SAVINGS

LANDFILL USES

CONCRETE—ROAD BED



DIRT FOR COVER



CARPET & PADDING RECYCLING



CUSTOMER SAVINGS

- **36% DISPOSAL COST—\$18.00/TON
C&D GATE RATE \$28.00/TON**
- **PRODUCTIVITY—AVERAGE 4 MINUTES
PER LOAD FASTER THAN VS. C&D SITE**
- **LEED CERTIFIED PROJECTS**

PARTICIPATION FROM FY12 - FY18

C&D RECYCLING CUSTOMER SAVINGS ANALYSIS

	LOADS	TONNAGE	SAVINGS
TOTALS	26,177	73,014.31	\$1,950,125.34

BY THE NUMBERS—ALL MATERIALS

FY12 – FY18

• <u>MATERIAL</u>	<u>TONNAGE RECYCLED</u>
• CARDBOARD	1,826.94
• WOOD SCRAPS	18,794.34
• SCRAP PLASTIC	366.07
• PET PLASTIC	57.66
• SCRAP METAL	1,913.40
• SCRAP ALUMINUM	18.04
• CONCRETE	4,189.18
• DIRT	14,263.77
• CARPET & PAD	2,205.83
• TOTALS	43,635.23

LANDFILL SPACE SAVINGS FROM FY12 – FY18

C&D RECYCLING FACILITY

357 DAYS

RECYCLING RATE FROM FY12 – FY18

72%

QUESTIONS ?