PERMIT BY RULE NARRATIVE

CUMBERLAND COUNTY SOLID WASTE DEPARTMENT

Location: Woody Convenience Center

(Existing Woody Center Moving Because of New 127 Hwy Expansion)

6644 Hwy 127 North

Crossville, TN 38571

Prepared By:

Conrad Welch

Cumberland County Solid Waste Director

20 Maryetta Street

Crossville, TN 38555

cwelch@cumberlandcountytn.gov

July 2022

Introduction

In accordance with Rule 0400-11-01-.02(2)(a)4, Cumberland County Solid Waste Department, has prepared this narrative description to satisfy the Permit By-Rule requirements for a convenience center. This convenience center will provide a new location for our current Woody Convenience Center. This convenience center will be located at 6644 Hwy 127 North Crossville, Tennessee. The convenience center will provide waste collection and disposal services for residents of Cumberland County.

A drawing depicting the facility layout is provided in Figure 2. Residential vehicles will enter the facility from Hwy 127 North and be directed by signs and site personnel to the designated areas for unloading into containers. An attendant's building is located by the facilities compactor to assist residents. The convenience center offers separate areas to dispose of residential waste and various recyclables.

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Form CN-1035

DETAIL

Detail 1 proposed Pavement Sections

- A. Access- The facility shall restrict unauthorized access by means of fencing with the ability to secure access points. Operating hours shall be posted at the facility. The new Woody Convenience Center facility will have one location for ingress and egress of vehicular traffic. Unauthorized access at the facility shall be restricted by a 6-foot chain link perimeter fence and one 22' x 6' locking gate at the ingress and egress locations. A sign will be posted at the facility entrance noting hours of operation.
- **B.** Dust and Mud Control- In order to prevent the creation of a nuisance of safety hazard all surfaces utilized for access and general operation shall be paved (includes compacted stone). The surfaces utilized for access and general operation will be paved with a double bituminous surface treatment in order to be accessible in all weather conditions. Two distinct pavement sections are proposed at the facility. A section for heavy pavement will be provided in the areas where heavy trucks access the site and a light duty pavement section for residential traffic. This is illustrated in Detail 1.
- C. Run on and run off controls 1. In order to prevent operational hazard all run-on surface water shall be diverted around the facility. The location of the proposed facility is situated at an elevation where the ground surface slopes away from the facility on all sides. Therefore, storm water run-on at this facility is naturally diverted.
 2. In order to prevent ponding of surface water, the surface of the facility shall be graded to assure proper runoff control. All runoff shall be diverted to an area that can be controlled with reference to release from the property. The release shall be properly graded and stabilized to prevent erosion or other damage to adjoining properties. Release of solids in the runoff will be controlled. The operational surfaces of the facility will be paved and graded to direct storm water runoff to ditches and into the sediment basin on the east side of the property. The sediment basin will discharge onto a rock apron and flow southeast of the facility, which has a stand of hardwood trees. Good housekeeping practices will be implemented at the center to prevent the release of solids in storm water runoff from the facility.
- D. Fire Safety The facility must have on-site fire suppression equipment properly maintained. Arrangements will be made with the nearest available fire protection agency to provide additional protection. Fire extinguishers will be available at the office. Arrangements will be made with the Cumberland County Fire Department to provide additional protection. The Cumberland County Fire Department has a station, which is located at 1391 Livingston Road approximately 5.0 miles from the site. The contact information for the Cumberland County Fire Department is as follows:

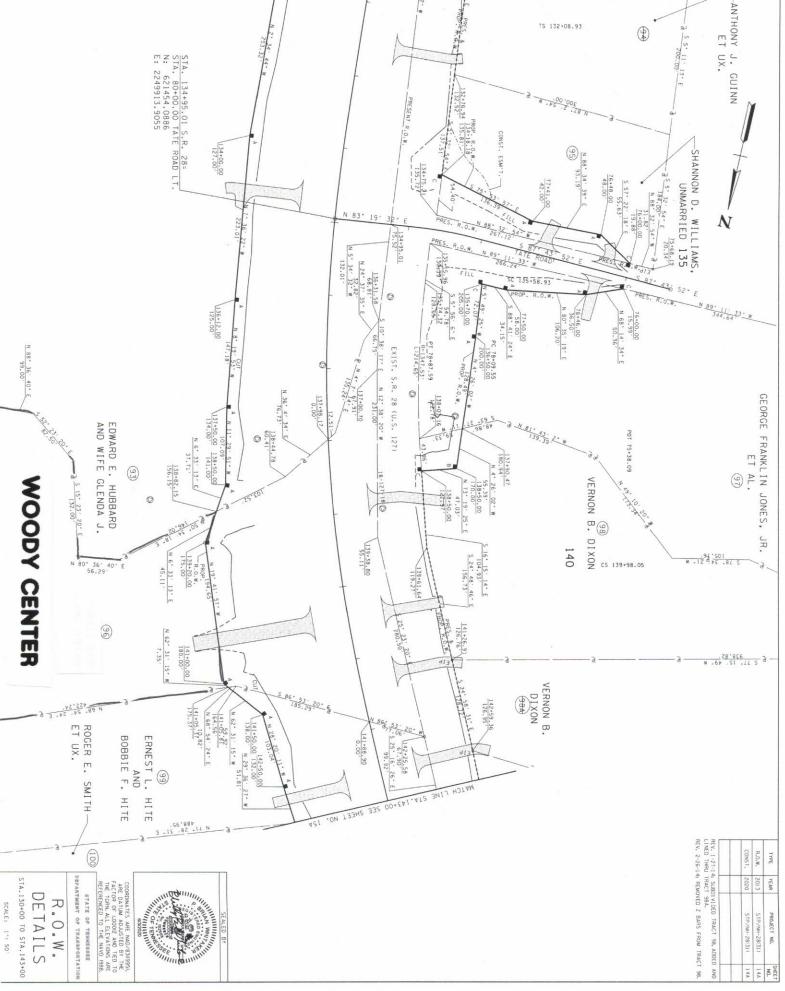
 Trevor Kerley

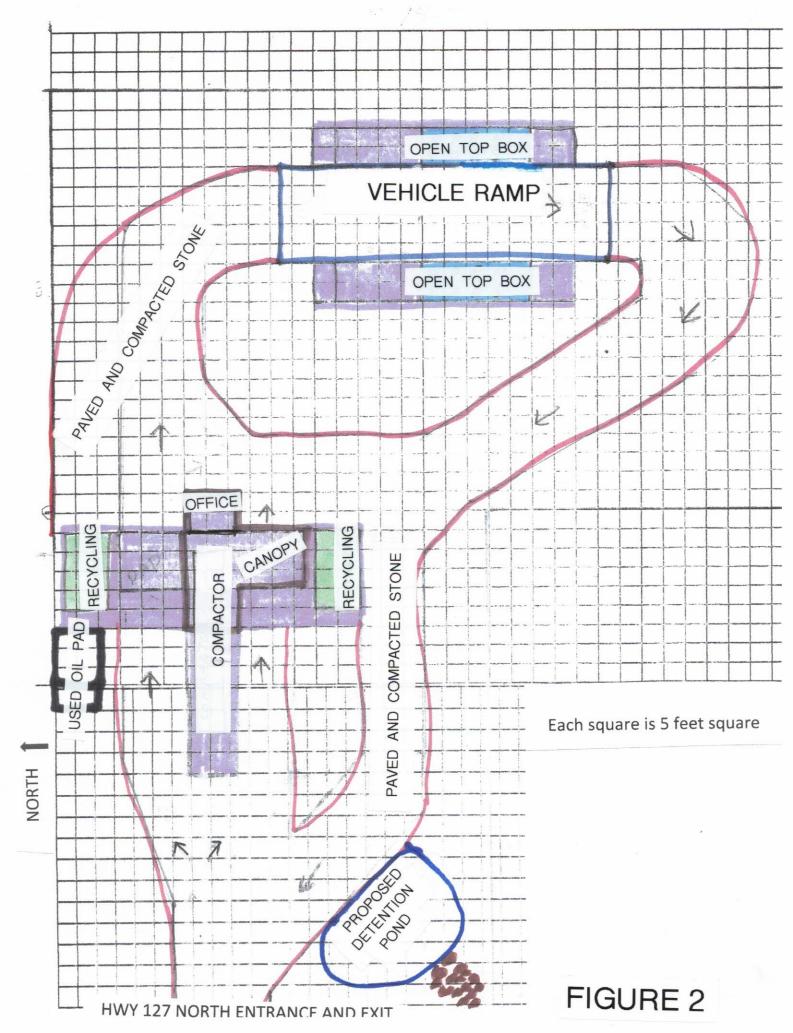
1391 Livingston Road, Crossville Tn 38555.

Phone: 931-484-9119.

- E. Communication The center communication shall be maintained during operating hours on-site with equipment capable of notifying the appropriate authorities of an emergency, unless it is demonstrated to the Commissioner's satisfaction that such requirement would be an unreasonable hardship at the convenience center location. All operators and supervisors will be provided with mobile communication devices such as mobile phones to be with them at all times. A mobile phone capable of notifying the appropriate authorities of an emergency will be located in the facility 's office building.
- **F.** Personnel Facilities- **1.** In In order to provide shelter during inclement weather and store necessary records and supplies, a suitable structure shall be provided on-site. There will be a 10 foot by 12-foot block office building which will provide shelter from inclement weather. **2.** Sanitary facilities shall be provided. City water will be available at the site. In addition, a portable restroom will be provided for the site.

- **G.** Water Service Service water shall be provided to the facility if equipment and/or the facility management requires such water for maintenance. The site will be provided city water from the Catoosa Public Utility Department located at 5581 Plateau Road in Crossville, Tennessee.
- H. Process Water If mechanical compaction is utilized, all liquid generated by the equipment shall be collected with absorbent and properly managed. One mechanical compactor will be utilized for densification of the collected waste materials. Liquids generated from waste compaction will be collected into a holding tank and with absorbent and then properly managed.
- Waste Handling 1. Recycled material shall be placed in separate receiving containers. Recyclable materials will be stored in separate receiving containers designated for such storage. 2. All waste handling (including loading and unloading) shall be conducted on paved surfaces (pavement includes compacted stone). All waste handling, including loading and unloading, will be conducted on asphalt or concrete pavement or compacted gravel. 3. There is no storage of solid waste at the facility except in containers, bins, or on paved surface designed for such storage. Solid waste will be collected in roll-off containers designed for such storage. The containers will be located on concrete pavement or asphalt pavement. 4. All litter shall be collected at the beginning and end of each working day. Incidents of illegal dumping shall be referred to local authorities and addressed in the annual revision of the solid waste plan. Litter will be collected and properly disposed of at the beginning and end of each working day. In the event of illegal dumping the incident will be reported to local authorities and to the TDSWM local field office staff.
- J. Facility Supervision Trained personnel must always be present during operating hours. Training will be established per T.C.A. § 68211-853. Adequately trained and experienced operators and/or supervisor(s) will be present at the facility during operating hours.
- K. Siting Restrictions 1. Convenience centers shall not be located within wetlands, unless the owner or operator makes the applicable demonstrations to the Commissioner as referenced at subparagraph (2)(p) of Rule 0400-11-01-.04. No wetlands have been identified within the proposed facility boundary.
 - 2. The facility must not be located in a 100-year floodplain, unless the demonstration is made to the Commissioner as required at subparagraph (2)(n) of Rule 0400-11-01-.04. The proposed facility is not located in a 100-year floodplain. FEMA map 47035co175D states that 6644 Hwy 127 North is not located in the 100-year floodplain. (See attached Figure 4 Flood Map.) 3. The facility must not cause or contribute to the taking of any endangered or threatened species of plants, fish, or wildlife; or result in the destruction or adverse modification of a critical habitat. There are no known endangered or threatened species of plants, fish or wildlife at the site. The facility will not cause or contribute to the taking of any endangered or threatened species of plant, fish, or wildlife.
 - 4. New convenience centers must not be located within fifty (50) feet of streams. In order to protect these, the area within the fifty feet must have a stable vegetative cover. The proposed facility is not located within 50 feet of a stream. A site inspection and review of Figure 1 attached with this document does not reveal the presence of streams within 50 feet of this facility.
- L. Special Wastes The facility shall not receive special waste unless approval is received from the Department in writing. Approval will require the construction of special containment areas. No special waste will be accepted at the facility.
- M. Medical Wastes The facility shall not receive medical waste. No medical waste will be accepted at the facility.







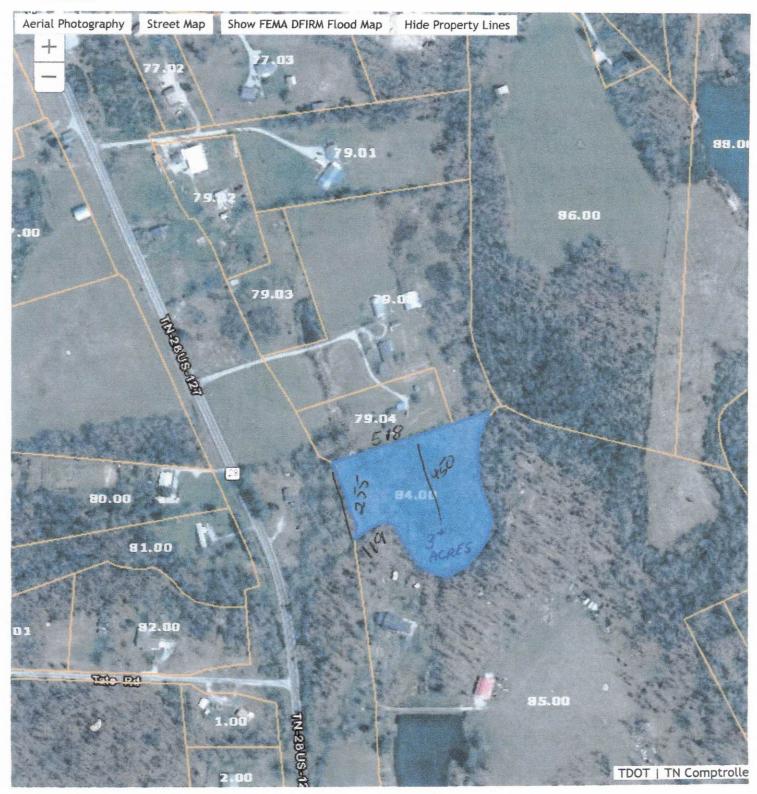


FIGURE 1



Navigation

Search

Languages

MSC Home (/portal/)

MSC Search by Address (/portal/search)

MSC Search All Products (/portal/advanceSearch)

 MSC Products and Tools (/portal/resources/productsandtools)

(/portal/resources/hazus)

LOMC Batch Files (/portal/resources/lomc)

Product Availability (/portal/productAvailability)

MSC Frequently Asked Questions (FAQs) (/portal/resources/faq)

MSC Email Subscriptions (/portal/subscriptionHome)

Contact MSC Help (/portal/resources/contact)

FEMA Flood Map Service Center: Search By Address

Enter an address, place, or coordinates: (2)

6598 Hwy 127 N Crossville, TN

Search

Whether you are in a high risk zone or not, you may need flood insurance (https://www.fema.gov/nationalflood-insurance-program) because most homeowners insurance doesn't cover flood damage. If you live in an area with low or moderate flood risk, you are 5 times more likely to experience flood than a fire in your home over the next 30 years. For many, a National Flood Insurance Program's flood insurance policy could cost less than \$400 per year. Call your insurance agent today and protect what you've built.

Learn more about steps you can take (https://www.fema.gov/what-mitigation) to reduce flood risk damage.

Search Results—Products for CUMBERLAND COUNTY UNINCORPORATED AREAS

Show ALL Products » (https://msc.fema.gov/portal/availabilitySearch?addcommunity=470037&communityName=CUM

The flood map for the selected area is number 47035C0175D, effective on 11/16/2007 ?



DYNAMIC MAP



MAP IMAGE



productTypeID=FINAL_PRODUCT&productSubTypeID=FIRM_PANEL&productID=47035C0175D).

Changes to this FIRM @

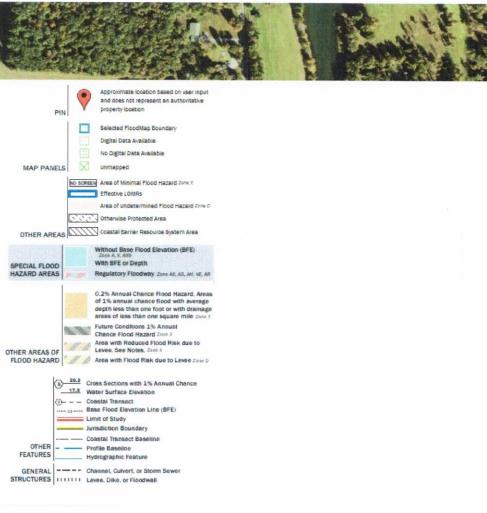
Revisions (0) Amendments (0) Revalidations (0)

You can choose a new flood map or move the location pin by selecting a different location on the locator map below or by entering a new location in the search field above. It may take a minute or more during peak hours to generate a dynamic FIRMette. If you are a person with a disability, are blind, or have low vision, and need assistance, please contact a map specialist (https://msc.fema.gov/portal/resources/contact).

Go To NFHL Viewer » (https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d



FIGURE 3

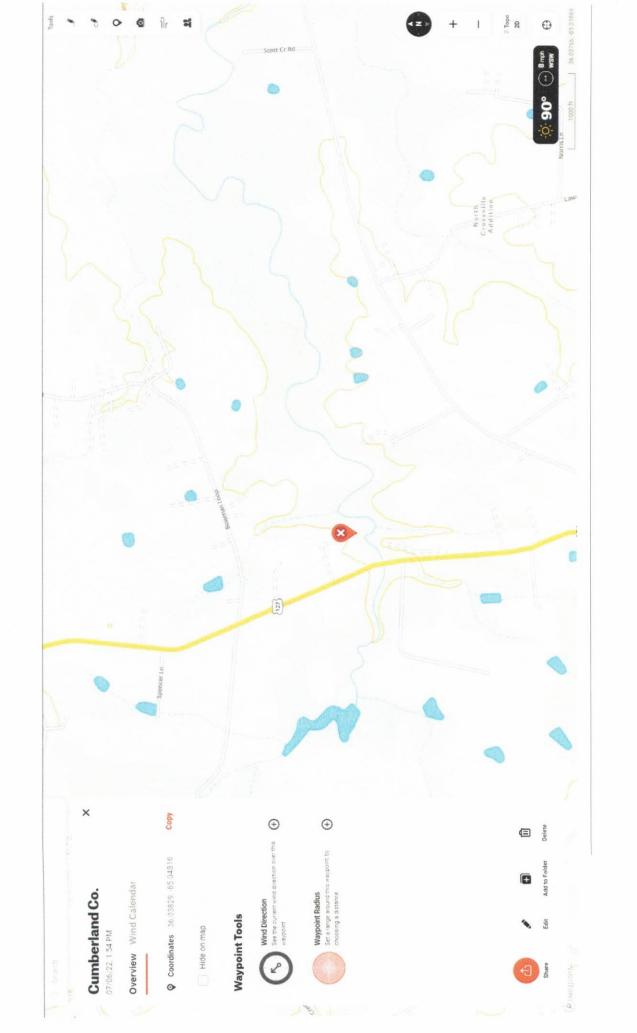


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Official website of the Department of Homeland Security





CROSSVILLE / CUMBERLAND COUNTY

Emergency Management Agency

42 Southbend Dr. Crossville, TN 38555 Phone: 931-484-7016 Fax:931-456-7582

Email: planners@cumberlandcountytn.gov

Travis Cole, Director Chris Cox, Asst. Director

6/17/2022

To whom it may concern,

I have looked at the FEMA Floodplain map for the Woody Convenience Center that will be located at 6598 Highway 127 N. in Crossville, TN. According to the map there is no floodplain affecting the property. The closest floodplain is approximately 1 mile to the West.

Travis Cole Crossville/Cumberland Co. EMA

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Home

About

New Search

Return to List

County Number: 018

County Name: CUMBERLAND

Tax Year: 2022

Property Owner and Mailing Address

Jan 1 Owner:

Current Owner:

ENGLAND ERNEST

CUMBERLAND COUNTY, TENNESSEE

2141 ONA RD CROSSVILLE, TN 38572 2 N MAIN ST

STE 203

CROSSVILLE, TN 38555

Property Location

Address: HWY 127 N 6598

Map: 050 Grp:

Ctrl Map: 050

Parcel: 084.00

S/I: 000

Value Information

Reappraisal Year: 2022

Land Mkt Value:

\$52,300

Improvement Value:

\$0

Total Market Appraisal: \$52,300

Assessment %:

Assessment:

\$13.075

General Information

Class:

00 - RESIDENTIAL

City #:

000 City:

SSD1:

000 SSD2:

District:

Mkt Area:

000 R03

Bldgs:

Mobile Homes:

0

Utilities - Water / Sewer:

03 - PUBLIC / INDIVIDUAL

Utilities - Electricity:

01 - PUBLIC

Utilities - Gas / Gas Type:

01 - PUBLIC - NATURAL GAS

Zoning:

Subdivision Data

Subdivision:

Plat Bk:

Plat Pg:

Block:

Lot:

Additional Description

ROW DB 1477 PG 1911

Building Information

Extra Features

Sale Information

Sale Date	Price	Book	Page	Vac/Imp	Type Instrument	Qualification
03/08/2022		1639	2047		WD	
04/15/2015	\$54,000	1450	373	IMPROVED	WD	. 1
02/13/2015	\$0	1445	2383			
07/09/1971	\$0	112	93			

Land Information

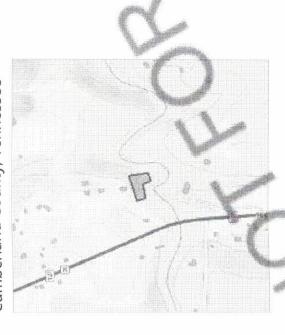
IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and trust resources) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g.,

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Cumberland County, Tennessee



Cumberland Rosemary Conradina verticillata

Threatened

Wherever found

No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/3677

Virginia Spiraea Spiraea virginiana

Threatened

Wherever found

No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1728

White Fringeless Orchid Platanthera integrilabia No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1889

Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act 1 and the Bald and Golden Eagle Protection Act 2 .

habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their

- 1. The Migratory Birds Treaty Act of 1918.
- 2. The Bald and Golden Eagle Protection Act of 1940.

Spotfin chub Erimonax monachus The location of the critical habitat is not available.	Threatened
https://ecos.fws.gov/ecp/species/1521	
Clams	
NAME	STATUS
Cumberland Bean (pearlymussel) Villosa trabalis No critical habitat has been designated for this species.	Endangered
https://ecos.fws.gov/ecp/species/6061	
Purple Bean Villosa perpurpurea	Endangered
Wherever found	
There is final critical habitat for this species. The location of the critical habitat is not available.	
https://ecos.fws.gov/ecp/species/4125	
Insects	
NAME	STATUS
Monarch Butterfly Danaus plexippus	Candidate
No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9743	
Flowering Plants	
NAME	STATUS



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
WILLIAM R. SNODGRASS TENNESSEE TOWER
312 ROSA L. PARKS AVENUE, 14TH FLOOR
NASHVILLE, TN 37243

SOLID WASTE PERMIT BY RULE NOTIFICATION

JOLID WASTE FERIVITI	DI ROLL NOTIFICA	1014					
1. TYPE OF PERMIT- BY- RULE REQUESTED					ID# TDEC USE ONLY		
COMPOST FACILITY	LAND APPLICATION	TIRE STORA	AGE FACILITY				
CONVENIENCE CENTER	PROCESSING FACILITY	TRANSFER	STATION				
2. FACILITY INFORMATION					CATION COUNTY		
FULL LEGAL NAME OF FACILITY				Cumbe			
Woody Convenience Center					LATITUDE (DECIMAL DEGREES) 36.03829		
PHYSICAL LOCATION OR ADDRESS OF FACILI		STATE		I as a second of a second of	(DECIMAL DEGREES)		
6644 Hwy 127 North	Cross		38571	85.0481			
FACILITY MAILING ADDRESS	CITY	STATE		FACILITY EM			
20 Maryetta	Cross		38555		imberlandcountytn.gov		
FACILITY MANAGER OR SITE OPERATOR	PHONE (WITH AREA CO				FROM PERMITTEE)		
Conrad Welch	(931) 484-932	8 Cumberla	and County	Solid V	Vaste Director		
3. APPLICANT (PERMITTEE)							
APPLICANT NAME		(WITH AREA CODE)	EM	1245 TT.			
Cumberland County Solid			cwelch@cui	mberland	countytn.gov		
RESPONSIBLE OFFICIAL / TITLE	PHONE	(WITH AREA CODE)	EM	AIL			
Conrad Welch Director	(931	1) 250-6595	cwelch@cur	mberland	countytn.gov		
RESPONSIBLE OFFICIAL MAILING ADDRESS	× 1	CITY		STATE	ZIP		
20 Maryetta Street		Crossville		TN	38555		
LANDOWNER NAME	LANDOWNER MAILING		ITY		STATE ZIP		
Cumberland Co Gov.	2 Main St. Sui	2 Main St. Suite 3 Crossville			TN 38555		
LANDOWNER SIGNATURE	LANDOWNER SIGNATUR	E LANI	DOWNER SIGNAT	URE	DATE		
4. WASTE HANDLING		a statistical series and a					
DESCRIPTION OF ACTIVITIES AND WASTES H	ANDLED OR PROCESSED	AMOUNT OF WASTE	HANDLED, PROCE	ESSED OR STO	ORED		
Collection of Household Solid Waste from Cumberland County Residents		3.00			90.00		
		WEIGHT		OLUME	STORAGE MAX		
<u> </u>		TONS / DAY		RDS / DAY	CU YARDS		
5. CERTIFICATION REQUIRED							
I certify under penalty of law that this document information is to the best of my knowledge of false information, including the possibility of declaration is made under penalty of perjury	and belief, true, accurate, a of fine and imprisonment.	and complete. I am av	vare that there ar	e significant _l	penalties for submitting		
MON > SIGNATURE OF RE	SPONSIBLE OFFICIAL		Allen PRINTED NAMI	tos	ter		
STATE County	Mayor		7-20	-202	2		
TENNESSEE TITLE NOTARY PUBLIC OF	Samontago	no	() ()	0.20	22		
(NOTARY SEAL)	OTARY TO THE OTARY	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DATE COMMISS	SION EXPIRES			
CN-1035 (Rev. 10-16)	P/	AGE 1 OF 2			RDA 220		

INSTRUCTIONS FOR SOLID WASTE PERMIT BY RULE NOTIFICATION

COMPLETE THIS FORM FOR EACH FACILITY THAT IS PROCESSING AND/OR DISPOSING OF SOLID WASTE IN TENNESSEE. IF MULTIPLE FACILITIES EXIST OR ARE PLANNED, DESCRIBE EACH FACILITY AND ITS WASTES ON A SEPARATE FORM. SUBMIT COMPLETED DOCUMENT TO THE RESPECTIVE FIELD OFFICE IN YOUR AREA.

TYPE OF PERMIT- BY- RULE REQUESTED

TYPE OF PERMIT-BY-RULE

CHECK TYPE OF PERMIT-BY-RULE REQUESTED

2. FACILITY INFORMATION

FULL LEGAL NAME OF FACILITY

ENTER THE FULL LEGAL NAME FOR THIS SITE TO DISTINGUISH IT FROM ANY OTHER SITE THE APPLICANT OR ORGANIZATION MAY OWN OR OPERATE IN TENNESSEE

ID# (IDENTIFICATION NUMBER)

LEAVE BLANK - TDEC USE ONLY

PHYSICAL LOCATION

INFORMATION (ADDRESS, DIRECTIONS) THAT WILL AID IN FINDING THIS SITE (NO PO BOX NUMBERS!) PROVIDE COUNTY WHERE SITE IS LOCATED. PROVIDE LATITUDE AND LONGITUDE FOR SITE LOCATION IN DECIMAL DEGREES.

FACILITY MAILING ADDRESS

PROVIDE COMPLETE MAILING ADDRESS FOR THIS SITE

NAME OF FACILITY OR SITE MANAGER OR SITE OPERATOR

NAME AND PHONE NUMBER OF PERSON WHO IS RESPONSIBLE FOR THE DIRECTION OF ACTIVITIES AT THIS SITE

AFFILIATION OF SITE OPERATOR (IF DIFFERENT FROM PERMITTEE)

IF SITE IS OPERATED BY PERSON OR ENTITY OTHER THAN PERMITTEE, GIVE NAME OF PERSON, CORPORATION ETC.

3. APPLICANT (PERMITTEE)

APPLICANT NAME

NAME OF LEGAL ENTITY MAKING APPLICATION FOR PERMIT. THIS NAME WILL BE THE PERMITTEE OF RECORD.

RESPONSIBLE OFFICIAL

PERSON AUTHORIZED TO COMPLETE THIS APPLICATION AND WHO MAY BE CONTACTED BY TDEC FOR ANY FURTHER INFORMATION.

LANDOWNER NAME

PERSON(S) OR ORGANIZATION(S) OF THE IMMEDIATE PROPERTY OWNER(S). ATTACH LETTER FROM LANDOWNER(S).

LANDOWNER SIGNATURE(S)

LANDOWNER(S) MUST SIGN AND DATE APPLICATION

4. WASTE HANDLING

AMOUNT OF WASTE HANDLED / PROCESSED / STORED

PROVIDE AN ESTIMATE OF THE DAILY WEIGHT (IN TONS) AND/OR VOLUME (IN CU YARDS/DAY) THAT WILL BE HANDLED AT THE FACILITY. INDICATE THE MAXIMUM AMOUNT OF WASTE THAT CAN BE STORED (IN CUBIC YARDS).

5. CERTIFICATION REQUIRED

CERTIFICATION

AFTER ALL DOCUMENTS HAVE BEEN COMPILED FOR SUBMISSION TO THE DIVISION, THE MANAGER OR OWNER RESPONSIBLE FOR THE SITE MUST SIGN THE CERTIFICATION AND GIVE DATE AND TITLE. THIS SIGNATURE MUST BE NOTARIZED.

bituminous surface treatment in order to be accessible in all weather conditions. Two distinct pavement sections are proposed at the facility. A section for heavy pavement will be provided in the areas where heavy trucks access the site and a light duty pavement section will be constructed for residential traffic. The pavement sections proposed for the facility are illustrated in Detail 1.

Detail 1 - Proposed Pavement Sections

