



**SPECIAL USE PERMIT APPLICATION**

File #  
Fee  
Amt Paid  
Check #  
Rec'd Date  
Rec'd By

Submit required documentation to:  
Wake County Planning Department/Current Planning Section  
PO Box 550 Wake County Office Building  
Raleigh, NC 27602-0550 336 Fayetteville Street Mall, Downtown Raleigh  
Contact Current Planning at (919) 856-6335 for additional information.

Complete with required information (write "n/a" if information is not applicable to proposal).

**Type of Special Use** (be as specific as possible and cite code section listing use as permitted special use)

Construction and Demolition Landfill

Wake County Unified Development Ordinance Section 4-49-1

Modification of previously issued Special Use Permit? (X)Yes ( )No

If Yes, provide relevant Special Use Permit Number: BA 1818

**Property**

Parcel Identification Number: 1761692263 (expansion site) 1761682191 (existing site)

Address: 4724 Smithfield Road, Wendell, NC 27591

Location: West side of Smithfield Road, at/between  
(north, east, south, west) (street)

Bissette Road and Wake County Line  
(street) (street)

Total site area in square feet and acres: 5,903,469 square feet 135.5 acres

Zoning District(s) and Overlay Districts (if any) and land area within each: R-30

List Conditions of any Conditional Use Zoning Districts: None

Present land use(s): Agricultural, C & D landfill

**Land Owner**

Land Owner Name: Shotwell Landfill, Inc.

Business Operator Name (if different from Land Owner): \_\_\_\_\_

Address: P.O. Box 576

City: Garner State: NC Zip Code: 27259

E-mail Address: David\_Debris@BellSouth.net Fax: 919-773-9898

Telephone Number: 919-773-9899

**Applicant** (person to whom all correspondence will be sent)

Name: Henry C. Campen, Jr.

Address: 1400 Wachovia Capital Center

City: Raleigh State: NC Zip Code: 27601  
 E-mail-Address: henrycampen@parkerpoe.com Fax: 919-834-4564  
 Telephone Number: 919-890-4145 Relationship to Owner: Attorney

**Proposal**

Max. allowable floor area ratio (see applicable zoning district/use regulation): N/A

Proposed total floor area: 10,000 sf Proposed floor area ratio (floor area/site area): .001

Max. allowable impervious surface coverage (see applicable zoning district/use regulation) : 30 %

Proposed impervious surfaces area: 18,000 sq. ft. sf

Proposed impervious surface coverage (impervious surfaces area/site area x 100): .30 %

**Required transitional bufferyard types and depths (see Sec. 1-1-29):**

Front (C) 50 ft Left (C) 50 ft Right (C) 50 ft Rear (C) 50 ft

**Proposed transitional bufferyard types and depths (see Sec. 1-1-29):**

Front (A) 100 ft Left (A) 100 ft Right (A) 100 ft Rear (A) 100 ft

**Min. yard depths (see applicable district/use regulation):**

Front N/A ft Corner side N/A ft Side N/A ft Rear N/A ft

Proposed yard depths: Front N/A ft Corner side N/A ft Side N/A ft Rear N/A ft

Max. building height (see applicable district/use regulation): 35 ft

Proposed building height: 20 ft

Min. parking space standard (see Sec. 1-1-28): N/A spaces per N/A

Min. no. of parking spaces: 20 Proposed no. of parking spaces 30

Number of employees: 10 Hours of operation: 7:00 a.m. to 7:00 p.m. M-F

**Vehicular Access:**

Names of access street(s) and number of access points along each: 1 access street (Smithfield Road)  
and 1 access point

Name of access or adjacent street	Right-of-way width (ft)	Pavement width (ft)	No. of lanes	Paved? (Y or N)	Roadway design capacity <sup>1</sup>	Traffic volume (ADT) <sup>2</sup>	Est. traffic generated (ADT) <sup>3</sup>
Smithfield Road (SR2233)	60	24	2	Y	9,000	2,400	150

<sup>1</sup> See NCDOT Highway Capacity Manual or most recent Wake County Thoroughfare Plan Appendix

<sup>2</sup> See CAMPO web site (www.raleigh-nc.org/campo) or NCDOT Traffic Survey Unit

<sup>3</sup> Base on Institute of Transportation Engineers ratios - ratio used for estimate (e.g., x trips per y sf) N/A

**Estimated traffic generated by heavy vehicles (vehicles other than automobiles and light trucks):**

Type of vehicle: single-unit dump truck ADT: 150

Type of vehicle: \_\_\_\_\_ ADT: \_\_\_\_\_

**Utilities and Services:**

Water supply provided by: ( ) municipal system : \_\_\_\_\_

( ) community system - specify type: \_\_\_\_\_ (x) individual well(s)

Est. total water demand: 500 gpd

Wastewater collection/treatment provided by: ( ) municipal system: \_\_\_\_\_

( ) community system - specify type: \_\_\_\_\_

(x) individual on-site system

Est. total wastewater discharge: 500 gpd

Solid waste collection provided by: Debris Removal Partners

Electrical service provided by: Progress Energy Underground ( ) yes (x) no

Natural gas service provided by: N/A

Telephone service provided by: Bell South Underground (x) yes ( ) no

Cable television service provided by: N/A Underground ( ) yes ( ) no

Fire protection provided by: Eastern Wake Fire Department

**Miscellaneous:**

Generalized slope of site The site consists of rolling topography with slopes from 4% to 20%.

Valuable natural features (rare plant community, wildlife habitat, lake, stream, geology, etc.) on or adjoining site: None.

Valuable historic resources (homestead, mill, archeological site) on or adjoining site: None.

**Land Use Plan Classifications**

General Classification (note associated municipality and/or watershed):

( ) Short-Range Urban Services Area/Water Supply Watershed \_\_\_\_\_

( ) Short-Range Urban Services Area \_\_\_\_\_

( ) Long-Range Urban Services Area/Water Supply Watershed \_\_\_\_\_

(x) Long-Range Urban Services Area Raleigh

( ) Non-Urban Area/Water Supply Watershed \_\_\_\_\_

( ) Non-Urban Area \_\_\_\_\_

Land Use Classification(s) (Note Area Land Use Plan, if applicable):

Residential less than 1.5 units per acre -

East Raleigh - Knightdale Area Land Use Plan

**Applicant's statement of compliance with county, municipal and joint Land Use Plans (How is proposal consistent with Land Use Plan objectives for planning area, Land Use classification, activity centers, locational standards and transitional urban development standards?)**

The area in which the Expansion Landfill will be located is assigned the General Classification of Long-Range Urban Services Area in the Wake County Land Use Plan. The Expansion Landfill will be located within the East Raleigh/Knightdale Plan Area. The Expansion Landfill will not be a new use in this area. The now closed LCID landfill on the Site was permitted in 1998. The Existing Landfill was permitted and has been operating since 1999. C&D landfills are permitted as special uses in R-30 zoning districts under Section 4-49-1 of the Wake County Unified Development Ordinance. Neither the Wake County Land Use Plan nor the East Raleigh/Knightdale Area Land Use Plan specifically addresses the location of C&D landfills. However, the Site and its adjacent parcels have been assigned a land use classification of Residential Less Than 1.5 Units Per Acre under the East Raleigh/Knightdale Area Land Use Plan. For these reasons, the proposed use is consistent with the Wake County Land Use Plan and the East Raleigh/Knightdale Area Land Use Plan.

**Other information (additional relevant information about the site or proposal you wish to note or cite)**

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All property owners must sign this application unless one or more individuals are specifically authorized to act as an agent on behalf of the collective interest of some or all of the owners (provide a copy of such authorization).

The undersigned property owner(s) hereby authorize the filing of this application (and any subsequent revisions thereto). The filing of this application authorizes the Wake County staff to enter upon the site to conduct relevant site inspections as deemed necessary to process the application.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

The undersigned applicant hereby certifies that, to the best of his or her knowledge and belief, all information supplied with this application is true and accurate.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Notes: All documents and maps submitted as required become the property of Wake County.  
The Wake County Subdivision and Zoning Ordinances are on the web at [www.wakegov.com](http://www.wakegov.com).

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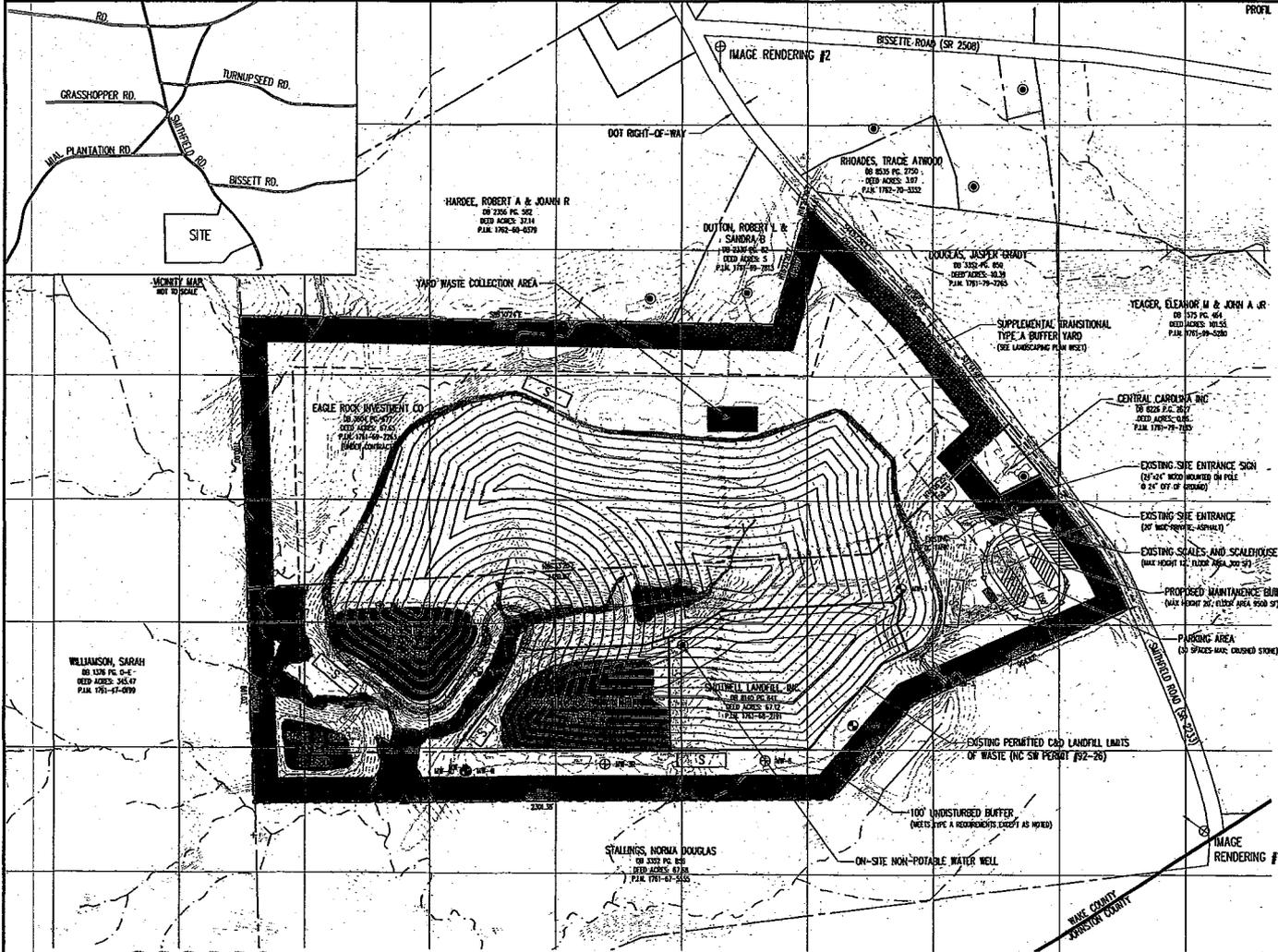
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Signature: By: Samuel P. Johnson - Managing Partner Date: 4/24/06  
Eagle Rock Investment Company  
Spotwell Landfill, Inc.  
Signature: By: [Signature] - Secretary Date: 04/23/06  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

The undersigned applicant hereby certifies that, to the best of his or her knowledge and belief, all information supplied with this application is true and accurate.

Signature: [Signature] Date: 4/24/06

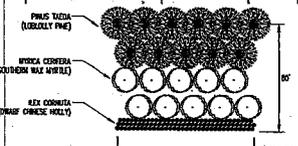
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- LEGEND**
- EXISTING 1" CONTOUR (SEE REFERENCE 2)
  - EXISTING 2" CONTOUR
  - - - APPROXIMATE PROPERTY LINE (SEE REFERENCE 1)
  - - - PROPERTY LINE (NOT SURVEYED)
  - - - SIDEWALK/PIED WALK BOUNDARY (SEE REFERENCE 3)
  - █ 100' UNDISTURBED BUFFER (MEETS TYPE A REQUIREMENTS EXCEPT AS NOTED)
  - █ SUPPLEMENTAL LANDSCAPING REQUIRED FOR TYPE A BUFFER (SEE LANDSCAPING PLAN SHEET)
  - █ 200' PROTECTED SOLID WASTE BUFFER
  - █ PAVED/CAD WASTE LAMPS
  - █ EXISTING WASTE (LID AND CAD)
  - ⊙ EXISTING MONITORING WELL
  - ⊙ EXISTING SOIL BORING
  - ▲ EXISTING SURFACE WATER MONITORING POINT
  - ⊙ WATER SUPPLY WELL
  - █ APPROXIMATE WELLSHAFTS (SEE REFERENCE 4)
  - █ WELLSHAFT/SWALE IMPACT AREA
  - █ SOIL BORROW AREA (IN ACCORDANCE WITH WAKE COUNTY STORMWATER ORDINANCES)
  - █ YARD WASTE COLLECTION AREA
  - ⊕ PROPOSED WASTE VIEW LOCATION AND LINE OF SIGHT
  - ⊕ PROPOSED PERMANENT SEDIMENT BASIN (LOCATIONS SHOWN)

- NOTES**
1. NO FEMA FLOODING EXISTS ON THIS MAP.
  2. ALL DRIVING SURFACES SHOWN ON THIS MAP ARE R-30.
  3. REFERENCED AREAS - BLOOD SQUARE FEET:
    - SITE DRAINAGE: 10,000 SF
    - MAINTENANCE BUILDING & SCALEHOUSE: 10,000 SF
    - (50% OF TOTAL AREA)
  4. NO WATER OR SEWER LINES EXIST WITHIN 100' OF PROPERTY LINE.
  5. THE SITE IS NOT IN A WATER SUPPLY WELLSHAFT.
  6. NO BROWNS AREAS EXIST WITHIN 100 FEET OF THE PROPERTY LINE.
  7. EXISTING SITE OPERATES UNDER WAKE COUNTY LAND DISBURSANCE PERMIT NO. 058-1008. ALL FUTURE EXPANSIONS WILL BE IN ACCORDANCE WITH WAKE COUNTY STORMWATER ORDINANCES AND WASTE REGULATIONS.

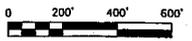
- REFERENCES**
1. PROPERTY LINE FROM SURVEY DATED NOVEMBER 10, 2005 BY SURVEYING SOLUTIONS, P.C. PROPERTY LINES NOT SURVEYED PROVIDED BY WAKE COUNTY GIS DEPARTMENT, GIS MAPPING FILES.
  2. ORIGINAL SITE BASE THROUGHOUT PROVIDED BY ECOSYSTEMA CORP., BASED ON AERIAL SURVEY DATED DECEMBER 10, 2005. TOPOGRAPHY OUTSIDE OF AERIAL SURVEY LIMITS REFERENCES MOORE & ASSOCIATES, INC. CONTAINED IN THE DOCUMENT DATED 05/01/07.
  3. COORDINATE SYSTEM IS STATE PLANE COORD (NAD 83).
  4. WELLSHAFT INFORMATION FROM EXISTING DETAILED WELLSHAFT INFORMATION SURVEY, SURVEYED FROM PROPERTY, DRAWING NUMBER 2-172-10, DATED 9/2/07, PREPARED BY WELLS & ASSOCIATES, INC. CONTAINED IN THE DOCUMENT DATED "APPRAISAL REPORT OF 67.3229-ACRE SITE WITH EXISTING LANDFILL IMPROVEMENTS, 4728 SHARPLESS ROAD, WENDELL, NC 27687", DATED 1/24/07, PREPARED BY WELLS & ASSOCIATES, INC.
  5. SIDEWALK LOCATIONS PROVIDED BY WAKE COUNTY GIS DEPARTMENT, GIS MAPPING FILES.



LANDSCAPING SCHEDULE				
PLANT	SPACING	PLANTED HEIGHT	SPACING	MAINTENANCE HEIGHT
DWARF CHIMES HOLLY	3'-6"	18"	5'	3'-6"
SOUTHERN WAX MYRTLE	20"	6"	20"	20"
LOBLOLLY PINE	25'-35'	8"	20"	50-60"

SUPPLEMENTAL TYPE A BUFFER LANDSCAPING PLAN  
NOT TO SCALE

**PRELIMINARY  
NOT FOR CONSTRUCTION**



**G.N. RICHARDSON & ASSOCIATES, INC.**  
 2414 BOWMAN AVE., 27603  
 RALEIGH, N.C.  
 TEL: 919-838-0777  
 FAX: 919-838-3898  
 www.gnr.com

**SHOTWELL LANDFILL, INC.**  
 WAKE COUNTY  
 NORTH CAROLINA

**PRELIMINARY SPECIAL USE  
 PERMIT SITE PLAN**

DESIGNED BY: S.A.S. / C.T.A.  
 CHECKED BY: SHOTWELL 06-2  
 SCALE: AS SHOWN / APRIL 2008  
 FILE NAME: SHOTWELL.DWG  
 SHEET NO. DRAWING NO.  
**FIG. 1**