





# Currituck County

## Land Disturbance Permit Application

### **Applicant Information:**

Owner(s): David M. Shields

Owner Address: 6615 Caratoke Highway, Grandy, NC 27939

Phone Number: 252-453-4386 Email: obxamuse@aol.com

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### **Project Information:**

Project Name: Outer Banks Amusements

Street Address: 199 Greyson Loop, Powells Point, NC 27966  
(Obtain from Lucy Cardwell, Tax Department, at 252-232-3005)

Parcel Id Number: 123E00000110000

Total Tract Acreage: 113,128 square feet

Total Area of Land Disturbance: 111,600+/- square feet  
 Total area of land disturbance is greater than 43,560 square feet; state permits required.

Maximum height of fill: 4.5 feet  
**Fill is defined as any material placed or graded on a lot where the material has the effect of increasing the elevation of any portion of the lot.**

Deed Book/Page Number and/or Plat Cabinet/Slide Number: DB 1130, PG 634

Description of Land Disturbance Activities: Construction of a 10,500 sf warehouse and  
27,000 sf entrance and perimeter drives, parking areas and walkways, and drainage swales,  
utility construction including water service and gravity sewer to proposed septic field. Ditch/swales  
to connect to existing ditch on adjacent property (also owned by applicant) which outfalls into  
existing retention basin.

**Submittal Checklist Requirements:**

1. 5 (five) blue line or black and white paper prints of the land disturbance plan.
2. Land disturbance permit application fee \$150.00.
3. A copy of the North Carolina Division of Water Quality certification to fill any 401 wetlands.
4. A copy of the US Army Corps of Engineers permit to fill any 404 wetlands.
5. The land disturbance plan, prepared by a North Carolina licensed professional engineer, licensed surveyor or landscape architect, shall include, but not limited to, the following information:

- Architectural and engineering drawings, maps, assumptions, calculations, and narrative statements as needed to adequately describe the proposed development of the property and the measures planned to comply with the requirements of the county ordinance.
- Adjacent property grades (i.e. the highest grade measured within thirty-feet from the subject property lines into the adjoining lots).
- Approximate depth of seasonal high water table.
- Existing elevations sufficient to determine the drainage patterns on-site and on adjoining sites.
- Locations and elevations of the adjoining street pavement, shoulder ditches, drainage systems, upstream and downstream driveway culverts.
- Proposed elevations of the top of bank, toe of slope and limits for fill necessary to construct the dwelling, including driveway access, shall be delineated. **No fill/grading shall occur within 10 feet of any property line except for driveway improvements allowed by the UDO.**
- Proposed stormwater management improvements.
- Location of proposed improvements including septic systems.
- Certification of Stormwater Management:

On the site plan entitled Outer Banks Amusements, stormwater drainage improvements shall be installed according to these plans and specifications and approved by Currituck County. Currituck County assumes no responsibility for the design, maintenance or the guaranteed performance of the stormwater drainage improvements.

Douglas A. Abbott, PE  
Engineer/Surveyor/Architect

1-17-12  
Date

The undersigned hereby agrees to conform to all county regulations, applicable state laws and the conditions of the land disturbance permit. The undersigned further states that all information given herein is true and, authorize county staff to enter onto the property to ensure all applicable rules and regulations will be met. Compliance with restrictive covenants is the responsibility of the property owner which may or may not be more restrictive than the conditions of any permit approvals.

Dail W. Shields 1-17-2012  
Property Owner Date

Dail W. Shields 1-17-2012  
Agent/Applicant Date

Application submittals shall be filed with Mike Doxey, Currituck Soil and Water Conservation Office located at 2795 Caratoke Highway or by mail at PO Box 69, Currituck, North Carolina 27929

Received by: _____	Date Received: _____
Permit Application Fee: _____	Reviewed by: _____
Plan Date (with revisions): _____	Approved by: _____

## PROJECT DESCRIPTION

### Outer Banks Amusements Currituck County - North Carolina

January 18, 2012

Outer Banks Amusements, owned by David M. Shields, is proposing to construct a centralized warehouse on a 2.6 acre site in Poplar Branch Township of Currituck County. The site is located east of US Highway 158 in the Currituck Industrial Park near Powells Point. It is currently vacant and is zoned LM (Light Manufacturing).

Development will include the construction of one (1) building, required parking and driveways, grassed swales, septic field, the installation of required landscaping and the construction of a water service and other utilities to the building. Currently the industrial park has public water supply along existing streets with existing meters available for connection. The septic tank and septic field are located on the east side of the building. The site is part of the high density industrial park which provides for stormwater management in the form of a retention basin known as Stormwater Retention Area "A" (see Stormwater Permit SW7040604, dated May 19, 2005).

The proposed building will contribute 10,500 sf of impervious area. The proposed parking and driveways will contribute 26,815 sf of gravel surface and 360 sf of concrete pavement (for ADA parking), and concrete sidewalks will contribute another 265 sf for a total of 37,940 sf of proposed impervious coverage. An allotment of 20,000 sf of impervious area has been included for future expansion, bringing the ultimate build-out impervious coverage to 57,940 sf which is 51.2% of the total tract. A small area of offsite coverage is created by the proposed driveway connection to the existing road.

Drainage Area 1 encompasses the entire tract of 2.60 acres (113,128 sf) including all proposed on-site impervious areas. Runoff from Drainage Area 1 will be collected in grass lined swales with minimal necessary pipes that will route all runoff to the existing retention basin to the west. Outflow from the basin will be directed to an existing drainage ditch which runs north to Currituck Sound.

Per the Stormwater Permit (SW7040604) and the Final Plat for Currituck Industrial Park, the allowable impervious coverage per lot in this subdivision is 65% of each lot's area. For Lot 10 the maximum allowable impervious coverage is approximately 73,530 sf. Therefore, ultimate impervious coverage (57,940 sf) is well within this allowable value.

The total disturbed area for this development will not exceed 2.6 acres. Limits of disturbance have been shown on the plans.

