

**APPLICATION FOR ENVIRONMENTAL ASSESSMENT**

**Project Name** \_\_\_\_\_

**Applicant** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Phone** \_\_\_\_\_

**Owner** \_\_\_\_\_

**Address** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Phone** \_\_\_\_\_

**Location of Property** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Acreage** \_\_\_\_\_ **Township** \_\_\_\_\_

**Tax Map Reference** \_\_\_\_\_ **PIN(s)** \_\_\_\_\_



**FOR DEPARTMENT USE ONLY**

**Date received** \_\_\_\_\_ **Reviewed by** \_\_\_\_\_

**Date accepted/rejected** \_\_\_\_\_

**Summary Comments:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**I. GENERAL SITE INFORMATION**

**TO BE COMPLETED BY APPLICANT, WITH ASSISTANCE FROM PLANNING DEPARTMENT AS NEEDED**

**A. Zoning and use of adjacent property.**

North \_\_\_\_\_ South \_\_\_\_\_

East \_\_\_\_\_ West \_\_\_\_\_

**B. Topography**

Highest Elevation \_\_\_\_\_

Lowest Elevation \_\_\_\_\_

General direction of slope \_\_\_\_\_

Estimated % of property with

0 – 5% slope \_\_\_\_\_

5 – 15% slope \_\_\_\_\_

15 – 25% slope \_\_\_\_\_

more than 25% slope \_\_\_\_\_

(Required only for the portion of the site associated with or impacted by the proposed activity)

**C. Drainage**

Are there any streams or drainage easements located on the property? \_\_\_\_\_

Is any of the site located within a:

Watersupply Watershed \_\_\_\_\_

Water Quality Critical Area \_\_\_\_\_

Floodplain \_\_\_\_\_

Describe \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**D. Does the property contain any of the following Inventory of Natural or Cultural Resources?** (As identified in the "Inventory of Sites of Cultural, Historical, Recreational, Biological, and Geological Significance in the Unincorporated Portions of Orange County" or the "Inventory of Natural Areas and Wildlife Habitats of Orange County, North Carolina".)

|                                     | <u>Yes</u> | <u>No</u> |
|-------------------------------------|------------|-----------|
| a. cemeteries                       | _____      | _____     |
| b. archaeological sites             | _____      | _____     |
| c. historic sites                   | _____      | _____     |
| d. areas of geological significance | _____      | _____     |
| e. designated natural areas         | _____      | _____     |
| f. designated habitat               | _____      | _____     |
| g. other                            | _____      | _____     |

For each "yes" answer above, please indicate the location on site plan and complete the following, with the assistance of the Orange County Environmental Planner. Also complete Attachment A.

(1) Type of resource \_\_\_\_\_  
 Inventory reference no. or page \_\_\_\_\_  
 Description of Resource \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(2) Type of resource \_\_\_\_\_  
 Inventory reference no. or page \_\_\_\_\_  
 Description of Resource \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**(Attach additional sheets if needed)**



**B. STATE PERMITS REQUIRED**

1. **Does the project involve the mining of earth products?** \_\_\_\_\_  
If so, how many cubic feet of material are expected to be excavated? \_\_\_\_\_

Has an application for a Mining Permit been submitted to NCDRCD? \_\_\_\_\_

Please attach map indicating expected extent of proposed activity.

2. **Does the project involve generation or storage of hazardous or toxic wastes, as identified by the Environmental Protection Agency?** (A listing of all hazardous materials is available from the Planning Department)

Describe the wastes to be generated. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

How much material is expected to be generated per month?  
\_\_\_\_\_

Will any material be treated onsite? \_\_\_\_\_  
Volume? \_\_\_\_\_  
Will any material be stored onsite? \_\_\_\_\_  
Volume? \_\_\_\_\_

Where will disposal of the material take place?  
\_\_\_\_\_  
\_\_\_\_\_

How will materials be transported to the disposal site?  
\_\_\_\_\_  
\_\_\_\_\_

What measures are proposed to protect water quality and air quality in case of spills?  
\_\_\_\_\_  
\_\_\_\_\_

3. **Will the project involve a land application system for treatment of wastewater?** \_\_\_\_\_

If yes, describe \_\_\_\_\_  
\_\_\_\_\_

Has an application for a non-discharge permit been submitted to the NC Department of Environmental Management or Orange County Department of Environmental Health?

4. **Is a septic tank system proposed which as a design capacity of more than 3000 gallons per day?** \_\_\_\_\_

If yes, describe \_\_\_\_\_  
\_\_\_\_\_

Has an application for a non-discharge permit been submitted to the NC Department of Environmental Management or Orange County Department of Environmental Health?

5. **Does the activity involve sludge disposal?** \_\_\_\_\_

If yes, where is the source of the sludge? \_\_\_\_\_  
\_\_\_\_\_

Describe where and how the sludge is being disposed.  
\_\_\_\_\_  
\_\_\_\_\_

Has a NPDES permit from the NC Division of Environmental Management been issued? \_\_\_\_\_

6. **Water Usage**

a. Estimated no. of employees \_\_\_\_ x 25 gpd = \_\_\_\_ gpd

b. Estimated water use for climate control = \_\_\_\_ gpd

c. Process water

- \_\_\_\_\_ % consumed
- \_\_\_\_\_ % discharged to septic system
- \_\_\_\_\_ % discharged to surface (including storm sewers) (describe: \_\_\_\_\_)
- \_\_\_\_\_ % evaporated
- \_\_\_\_\_ % reclaimed/reused
- \_\_\_\_\_ % other

100%

d. Water used for cooling, heating, etc., in association with production or manufacturing

\_\_\_\_\_ % reused  
\_\_\_\_\_ % consumed  
\_\_\_\_\_ % discharged  
(describe: \_\_\_\_\_)

100%

\_\_\_\_\_ gpd  
Total Water Usage

e. Describe source of water

\_\_\_\_\_  
\_\_\_\_\_

**ATTACHEMENT A  
TO BE COMPLETED ONLY IF INVENTORY SITES ARE IDENTIFIED IN I.E.**

(ATTACH ADITIONAL SHEETS IF NECESSARY)

- (1) a. Impact on Resource from Proposed Development

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- b. Proposed Mitigation

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- (2) a. Impact on Resource from Proposed Development

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- b. Proposed Mitigation

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