



**Orange County Planning & Inspections Department**

131 W. Margaret Lane, Suite 200, Hillsborough, NC 27278

919-245-2575 or [planningapps@orangecountync.gov](mailto:planningapps@orangecountync.gov)

**Environmental Assessment**

Please check all applicable boxes and complete the required documentation.

Additional information is contained in Section 2.25 of the Unified Development Ordinance (UDO).

If completing by hand, please use black or blue ink.

**\* Please fill out all required fields**

*An Environmental Assessment (EA) shall be required for each individual parcel proposed for development consistent with applicable criterial as detailed within the UDO.*

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

**Contact Information\***

Property Owner(s): \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Applicant (if different than property owner): \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**I. Property Information\***

Parcel ID Number (PIN): \_\_\_\_\_

Address: \_\_\_\_\_

Acreage: \_\_\_\_\_ Township: \_\_\_\_\_

Zoning District: \_\_\_\_\_

Watershed Overlay: \_\_\_\_\_

Other Overlay: \_\_\_\_\_

**II. General Site Information\***

**A. Adjacent Property**

Zoning North: \_\_\_\_\_ South: \_\_\_\_\_

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

Land Use 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:** \_\_\_\_\_

**C. Water Features and Drainage**

**The following water features are located on the property:**

- Streams  Wetlands  Ponds  Drainage Easements  Special Flood Hazard Area

**Describe** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(attach additional sheets if needed)

**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”.

- |                                     |  |
|-------------------------------------|--|
| 1. Cemeteries                       | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. Archaeological sites             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. Historic sites                   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. Areas of geological significance | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. Designated natural areas         | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. Designated habitat               | <input type="checkbox"/> Yes <input type="checkbox"/> No |

For each yes answer above, please indicate the location on the site plan and complete Attachment A.

**III. Project Description\***

**A. Describe proposed use of property:**

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

**B. Number of lots:**

\_\_\_\_\_

**C. Number of structures:**

\_\_\_\_\_

**D. Estimated square footage of area to be graded for development of attached residential units (excluding roads, but including parking areas)**

**E. Estimated square footage of area to be graded for non-residential use (excluding roads)**

**F. Estimated area to be graded for roads**

- Road type:  Public  Private  
 Class A  
 Class B

▪ Total road length: \_\_\_\_\_

**III. State Permits Required\***

**A. Does the project involve the mining of earth products?**  Yes  No

▪ If yes, how many cubic feet of material are expected to be excavated? \_\_\_\_\_

▪ Has an application for a Mining Permit been submitted to NCDRCD?  Yes  No

Please attach map indicating expected extent of proposed activity.

**B. Does the project involve generation or storage of hazardous or toxic wastes, as identified by the Environmental Protection Agency?**

Yes  No

▪ Describe the wastes to be generated: \_\_\_\_\_

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

▪ Will any material be treated onsite?  Yes  No If yes, indicate volume: \_\_\_\_\_

Will any material be stored onsite?  Yes  No If yes, indicate 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?

**C. Will the project involve a land application system for treatment of wastewater?**

- Yes  No - 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?**  Yes  No

**D. Is a septic tank system proposed which has a design capacity of more than 3,000 gallons per day?**

- Yes  No - If yes, describe \_\_\_\_\_  
\_\_\_\_\_

**E. Does the activity involve sludge disposal?**

Yes  No

- **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 Quality been issued?**  
 Yes  No

**F. Water Usage**

- **Estimated number of employees:** \_\_\_\_\_ x 25 gallons per day (gpd) = \_\_\_\_\_ gpd
- **Estimated water use for climate control =** \_\_\_\_\_ gpd
- **Process Water**  
\_\_\_\_\_ % Consumed  
\_\_\_\_\_ % Discharged to septic system  
\_\_\_\_\_ % Discharged to surface (including storm sewers) - Describe: \_\_\_\_\_  
\_\_\_\_\_ % Evaporated  
\_\_\_\_\_ % Reclaimed/reused  
\_\_\_\_\_ % Other  
= 100%
- **Water used for cooling, heating, etc., in association with production or manufacturing**  
\_\_\_\_\_ % Reused  
\_\_\_\_\_ % Consumed  
\_\_\_\_\_ % Discharged - Describe: \_\_\_\_\_  
= 100%  
\_\_\_\_\_ **gpd Total Water Usage**
- **Describe source of water:** \_\_\_\_\_  
\_\_\_\_\_

**Attachment A\***

To be completed only if inventory sites are identified in I.D.  
(attach additional sheets if necessary)

**1.a. Impact on Resource from Proposed Development**

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**1.b. Proposed Mitigation**

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**2.a. Impact on Resource from Proposed Development**

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**2.b. Proposed Mitigation**

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**Certification and Signatures\***

Statement by Applicant - I certify that the information presented by me in this application is accurate to the best of my knowledge, information, and belief.

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

\_\_\_\_\_  
**Date**