



Orange County Planning & Inspections Department

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

919-245-2575 or 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.

An Environmental Assessment (EA) shall be required for each individual parcel proposed for development consistent with applicable criteria 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 Yes No
- 2. Archaeological sites Yes No
- 3. Historic sites Yes No
- 4. Areas of geological significance Yes No
- 5. Designated natural areas Yes No
- 6. Designated habitat Yes 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

1.b. Proposed Mitigation

2.a. Impact on Resource from Proposed Development

2.b. Proposed Mitigation

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