



General Environmental Documentation Submittal Form

This form shall be completed by applicants building a Residential Development that includes 49 new lots or less. Please read any instructions in full as some questions require outside data sources in order to be completed

Proposed Subdivision/Project Name: 1092 Jordan Dam Road

Parcel #: (AKPAR): 11433 Property address: 1092 Jordan Dam Road

Total acreage: 52.17

Property Owner/Applicant:	Representative <i>(e.g., Surveyor, Engineer)</i>
Name: <u>Nate Byelick</u> <u>Oak Crest Commercial, LLC</u>	Name: <u>Landon M. Lovelace, PE</u> Company: <u>Underfoot Engineering, Inc.</u>
Address: <u>1024 Jordan Dam Road</u> <u>Moncure, NC 27599</u>	Address: <u>1149 Executive Circle, Suite C</u> <u>Cary, NC 27511</u>
Phone: (W) _____ (C) _____	Phone: (W) <u>919.576.9733</u> (C) _____
Fax: _____	Fax: _____
Email: <u>Nate@koscary.com</u>	Email: <u>llovelace@underfootengineering.com</u>

For Office Use Only	
Date Received: _____	Reviewed By: _____

1. **Project Description.** Provide a narrative describing existing site conditions, land use, natural and cultural resources and how the proposed project may potentially impact the existing conditions and resources. Include proposed uses of the property. Please describe your development plans. The existing 52.17 acre site has two existing dwelling units and some cleared area in the center of the site. The site contains numerous buffered streams, wetlands, and some young growth pine stands. The proposed development is a +/- 32 lot conservation subdivision, as allowed by the Chatham County Land Development Ordinance and Subdivision Regulations. There are no Primary or Secondary Natural Areas, Heritage Areas, Wildlife or Upland System Areas, or Historical/Cultural Resources. As mentioned above, the site will be a Conservation Subdivision and will ultimately have over 80% of the site which is not developed upon. Great care has been taken in design to minimize stream/wetland crossings. There are existing stream crossings of all 4 on site streams. The development will propose to modify two of these existing crossings, as Feature A and Feature B in order to construct the required roadways. The roads will be ditch section and all stormwater will be handled on-site through the use of a Wet Detention Pond to meet or exceed all Chatham County Stormwater requirements for water quality and quantity.

2. **Describe the Zoning and Uses of adjacent properties below.**

North R1 - SF Resi South R1 - SF Resi

East R5 - USACE (Jordan Dam) West R1 - SF Resi

3. **Surface Waters (streams, ponds, lakes, wetlands).** Are there any surface waters on the property? Attach a list of surface waters and a map showing the location of the water resources in relation to the proposed development. Include riparian buffers, if applicable. Visit our website for information regarding protected riparian buffers: <http://www.chathamcountync.gov/Index.aspx?page=883> and for a list of consultants to assist you with identification of streams and delineation of wetlands.

4. **Is the project located in the Regulatory Floodplain/Floodway? Yes ___ No X**
FIRM Panel # 3710967800L Flood Zone X If yes, please provide a map showing the Floodplain/Floodway on a site map.
Use <http://www.ncfloodmaps.com> to view flood zones.

5. **Please circle the appropriate Watershed District (see the Watershed Protection Ordinance for descriptions).**

WS II Balance of Watershed

WS III Critical Area

WS III Balance of Watershed

WS IV-Critical Area

WS IV Protected Area

River Corridor

River Corridor Special Area

Local Watershed Area

6. Use the link below to access the Chatham County Conservation Viewer. Click on the green icon at the bottom of the screen to access the Layer List and then select layers for USFWS Critical Habitat Areas (linear and polygon), then click on any lines or polygons that may appear to view species information <http://chathamncgis.maps.arcgis.com/apps/webappviewer/index.html?id=50e45ef5a0394cb48dfe81aabccd902a>

Are there federally listed threatened and endangered species in the designated 12 Digit Hydrologic Unit drainage basin of the project? Yes ___ No X

If yes, please describe and discuss how the project will be conducted in light of this information and any special considerations or permits that may be required.

For questions 7-10, you must request information directly from the North Carolina Natural Heritage Program (NCNHP). Be sure to request permission to release the report and map to Chatham County. Use this link: <https://www.ncnhp.org/data/request-information> to make the request

7. Is there a Significant Natural Heritage Area (SNHA) on the project site? Yes ___ No X

Use this link to request this information directly from the North Carolina Natural Heritage Program (NCNHP). Be sure to request permission to release the report and map to Chatham County. <https://www.ncnhp.org/data/request-information> . Please provide the full report from the NCNHP with this submittal.

8. Is there a Significant Natural Heritage Area (SNHA) within 1-mile of the project site? Yes ___ No X

9. Does the project site contain “element occurrences” of natural diversity, including rare species, as determined by the NC Natural Heritage Program? Yes ___ No X

10. Are element occurrences of natural diversity, including rare species, as determined by the NC Natural Heritage Program within 1-mile of the project site? Yes ___ No X

11. Elaborate below for any answers marked “yes” for questions 7-10 and discuss project impacts
