



WATERSHED PROTECTION DEPARTMENT

P.O. Box 548
Pittsboro, NC 27312
PHONE: (984) 214-1456

• E-mail: drew.blake@chathamcountync.gov • Website: www.chathamcountync.gov

September 27, 2024

AJ Kamal
Soil & Environmental Consultants, Inc.
8412 Falls of Neuse Road Ste. 104
Raleigh, NC 27615

Project Name: Parcels # 76374 & 76369

Location: Old Lystra Road

Project Number: WP-24-483

Subject Features: Three (3) intermittent streams, one (1) perennial stream, and five (5) potential wetlands

Dear Mr. Kamal,

Based on information which you provided on the Riparian Buffer Review Application, submitted on October 29, 2024, staff within the Watershed Protection Department completed a Riparian Buffer Review in accordance with Chatham County Watershed Protection Ordinance Section 304(B) Field Delineations. This Riparian Buffer Review was completed for a portion of properties that are identified as Parcel # 76374 and 76369 and is located within the Upper New Hope Arm of the Jordan Lake watershed.

Summary of Findings

A site visit was completed on August 19, 2024, by staff of Soil & Environmental Consultants, Inc. (S&EC). S&EC personnel identified three (3) intermittent streams, one (1) perennial stream, and five (5) potential wetlands within the review area.

Required Buffers

The required riparian buffers provided below are in accordance with Section 304(D) of the Chatham County Watershed Protection Ordinance.

Section 304(D)(1) – Perennial Streams

The riparian buffer shall be one hundred (100') feet landward, measured horizontally on a line perpendicular from top of bank; this distance shall be measured on all sides of perennial streams, or shall be the full horizontal extent of the Area of Special Flood Hazard as most recently mapped by the North Carolina Floodplain Mapping Program, NC Division of Emergency Management, whichever is the greater horizontal distance.

Section 304(D)(2) – Intermittent Streams

The riparian buffer shall be fifty (50') feet landward, measured horizontally on a line perpendicular from top of bank; this distance shall be measured on all sides of intermittent streams.

Section 304(D)(4) – Jurisdictional and Non-Jurisdictional Wetlands

The riparian buffer shall be fifty (50') feet landward, measured horizontally on a line perpendicular from the delineated boundary, surrounding all features classified as wetlands and linear wetlands.



WATERSHED PROTECTION DEPARTMENT

P.O. Box 548
Pittsboro, NC 27312
PHONE: (984) 214-1456

• E-mail: drew.blake@chathamcountync.gov • Website: www.chathamcountync.gov

The following documents attached herein are provided for your records. If surface water features were observed during the site review and were described above, exhibit 2 must be provided to the surveyor on record and all features and required buffers described above must be indicated on the property survey which should be provided to Paula Phillips (Land Use Administrator I) for review.

Impacts to Riparian Buffers:

Impacts to the riparian buffers may require a No Practical Alternatives Authorization depending on the size and scope of the impacts. If your project is located **inside** of the Jordan Lake Watershed and is proposing impacts within riparian buffers, please refer to Section 304 (J)(3) of the Chatham County Watershed Protection Ordinance to determine if your impacts will require a Riparian Buffer Authorization. If your project is located **outside** of the Jordan Lake Watershed and is proposing impacts within riparian buffers, please refer to Section 304 (F) of the Chatham County Watershed Protection Ordinance for a list of allowed structures and uses in the riparian buffer for areas outside of the Jordan Lake Watershed. If you determine that a Riparian Buffer Authorization is required, please contact Drew Blake to receive the required application and submittal instructions.

Expirations of Determinations:

This on-site determination shall expire five (5) years from the date of this letter.

Appeals of Determinations:

Landowners or affected parties that dispute a determination made by Chatham County, on parcels **outside** of the Jordan Lake watershed, may submit a request for appeal in writing to the Watershed Review Board. A request for a determination by the Watershed Review Board shall be made in accordance with Section 304 of the Chatham County Watershed Protection Ordinance. Landowners or affected parties that dispute a determination made by Chatham County, on parcels **inside** the Jordan Lake watershed, shall submit a request for appeal in writing to NC DWR, 401 & Buffer Permitting Unit, 1650 Mail Service Center, Raleigh, NC 27669-1650 attention of the Director of the NC Division of Water Quality.

Identification of Potential Wetlands:

Any identifications of potential wetlands within the reviewed area are intended to be advisory in nature and are not intended to be used for the completion of Section 401/404 permitting process. Only the appropriate Regional Office of the US Army Corps of Engineers can make wetland determinations related to any wetland impacts or permitting. Additionally, Chatham County makes no guarantees that all wetlands were identified. Wetland identifications completed by Chatham County are only associated with the implementation of riparian buffers as defined in Section 304 of the Chatham County Watershed Protection Ordinance.

Conclusion:

Should this project result in any direct impacts to surface water features (i.e., crossing and/or filling streams or wetlands) additional reviews may be necessary. Additionally, a Section 401/404 Permit may be required. Any inquiries regarding Section 401/404 permitting should be directed to the Division of Water Resources (Raleigh Regional Office) at (919)-791-4200 and the US Army Corp of Engineers (Raleigh Regulatory Field Office) at (919)-554-4884.



WATERSHED PROTECTION DEPARTMENT

P.O. Box 548
Pittsboro, NC 27312
PHONE: (984) 214-1456

• E-mail: drew.blake@chathamcountync.gov • Website: www.chathamcountync.gov

Respectfully,

Drew Blake

Drew Blake
Assistant Director
Chatham County Watershed Protection Department

Table of Contents

Wetland Sketch Map – Completed by S&EC	Page 4
NCDWQ Stream Identification Forms – Completed by S&EC	Page 5
Wetland Determination Data Sheets – Completed by S&EC	Page 9
Chatham County Riparian Buffer Application	Page 13
Authorized Agent Forms	Page 22
Authorization to Enter Property Form	Page 25

For additional questions regarding the Watershed Protection Ordinance or Riparian Buffers please contact:

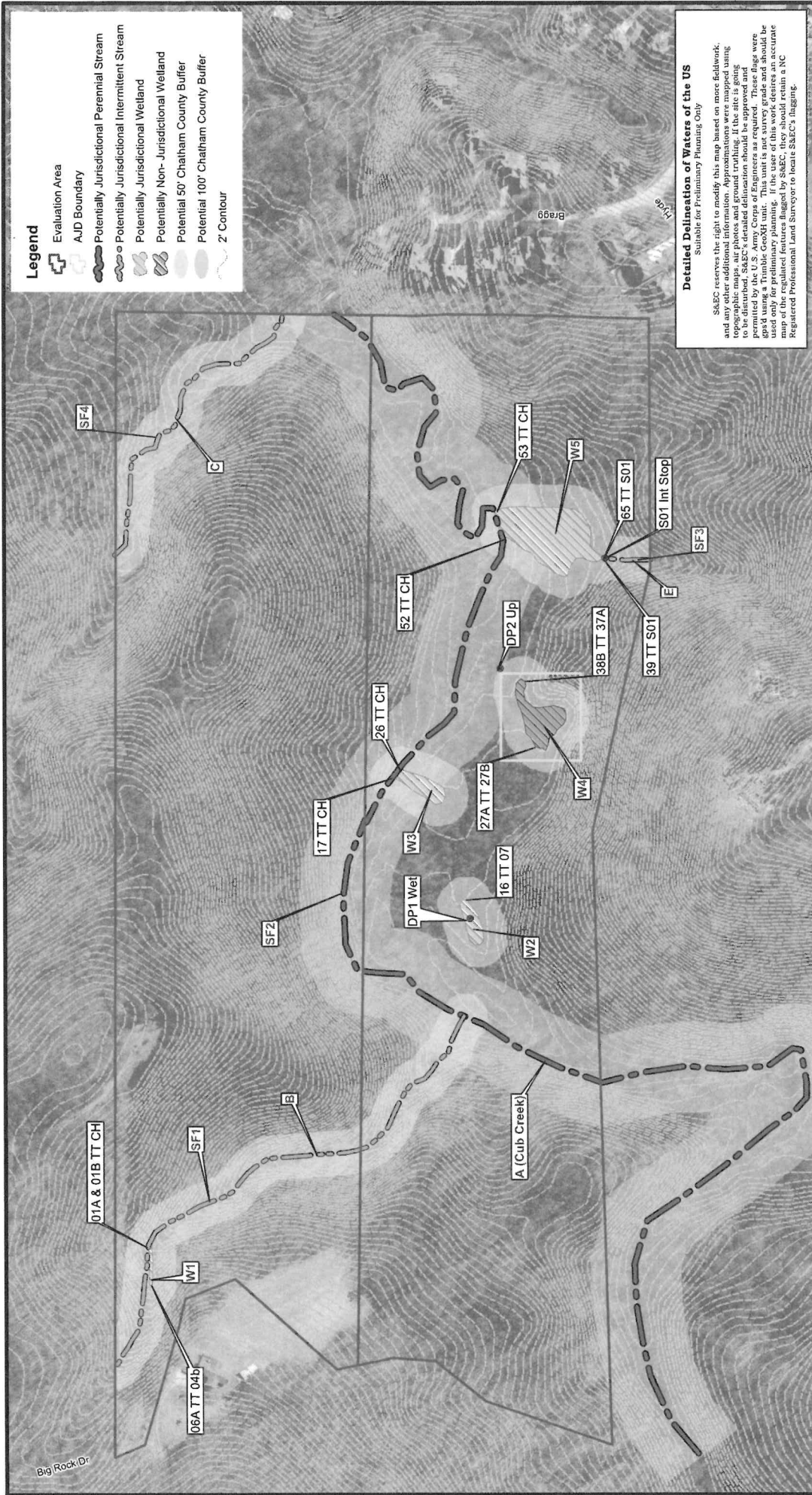
Drew Blake – Watershed Protection Assistant Director
Chatham County Watershed Protection Department
P.O. Box 548
Pittsboro, NC 27312
Phone: (919) 545-8343
Email: drew.blake@chathamcountync.gov

For additional questions regarding the Minor Subdivision process please contact:

Ms. Paula Phillips – Land Use Administrator I
Chatham County Planning Department
P.O. Box 54
Pittsboro, NC 27312
Phone: (919) 542-8276
Email: paula.phillips@chathamcountync.gov

For additional questions regarding soils and sanitary/septic systems please contact:

Mr. James Tiger
Chatham County Environmental Health Department
P.O. Box 130
Pittsboro, NC 27312
Phone: (919) 545-8316
Email: james.tiger@chathamcountync.gov



- Legend**
- Evaluation Area
 - AJD Boundary
 - Potentially Jurisdictional Perennial Stream
 - Potentially Jurisdictional Intermittent Stream
 - Potentially Jurisdictional Wetland
 - Potentially Non-Jurisdictional Wetland
 - Potential 50' Chatham County Buffer
 - Potential 100' Chatham County Buffer
 - 2' Contour

Detailed Delineation of Waters of the US
 Suitable for Preliminary Planning Only

S&EC reserves the right to modify this map based on more fieldwork, and a site visit, including but not limited to, field observations, topographic maps, air photos and ground truthing. If the site is going to be disturbed, S&EC's detailed delineation should be approved and permitted by the U.S. Army Corps of Engineers as required. These flags were placed on the map for preliminary planning. If the user of this work desires an accurate map of the regulated features flagged by S&EC, they should retain a NC Registered Professional Land Surveyor to locate S&EC's flagging.

		Soil & Environmental Consultants, Inc. 8412 Falls of Newse Road, Suite 104, Raleigh, NC 27615 • Phone (919) 846-5900 • Fax (919) 846-9467 saudex.com	
Wetland Sketch Map Big Rock Dr Site (Oldham) Chatham County, NC		Source: Aerials from NC OneMap	
Project No. 16161.W1	Project Mgr.: SB	Scale: 1" = 200'	08/20/2024

**NC Division of Water Quality –Methodology for Identification of Intermittent and
Perennial Streams and Their Origins v. 4.11**

SF 1

NC DWQ Stream Identification Form Version 4.11

Date: 8/19/2024	Project/Site: Big Rock Dr Site (Oldham)	Latitude: 35.846642
Evaluator: AJ Kamal	County: Chatham	Longitude: -79.070277
Total Points: <i>Stream is at least intermittent if ≥ 19 or perennial if ≥ 30*</i>	Stream Determination (circle one) Ephemeral <u>Intermittent</u> Perennial	Other <i>e.g. Quad Name:</i>

28

A. Geomorphology (Subtotal = 16)	Absent	Weak	Moderate	Strong
1 ^a . Continuity of channel bed and bank	0	1	2	③
2. Sinuosity of channel along thalweg	0	1	②	3
3. In-channel structure: ex. riffle-pool, step-pool, ripple-pool sequence	0	1	2	③
4. Particle size of stream substrate	0	1	②	3
5. Active/relict floodplain	①	1	2	3
6. Depositional bars or benches	0	①	2	3
7. Recent alluvial deposits	0	1	②	3
8. Headcuts	①	1	2	3
9. Grade control	0	0.5	1	①.5
10. Natural valley	0	0.5	1	①.5
11. Second or greater order channel	No = ①		Yes = 3	

^a artificial ditches are not rated; see discussions in manual

B. Hydrology (Subtotal = 6)	Absent	Weak	Moderate	Strong
12. Presence of Baseflow	0	1	2	③
13. Iron oxidizing bacteria	①	1	2	3
14. Leaf litter	①.5	1	0.5	0
15. Sediment on plants or debris	0	①.5	1	1.5
16. Organic debris lines or piles	0	0.5	①	1.5
17. Soil-based evidence of high water table?	No = ①		Yes = 3	

C. Biology (Subtotal = 6)	Absent	Weak	Moderate	Strong
18. Fibrous roots in streambed	③	2	1	0
19. Rooted upland plants in streambed	③	2	1	0
20. Macroinvertebrates (note diversity and abundance)	①	1	2	3
21. Aquatic Mollusks	①	1	2	3
22. Fish	①	0.5	1	1.5
23. Crayfish	①	0.5	1	1.5
24. Amphibians	①	0.5	1	1.5
25. Algae	①	0.5	1	1.5
26. Wetland plants in streambed	FACW = 0.75; OBL = 1.5 Other = ①			

*perennial streams may also be identified using other methods. See p. 35 of manual.

Notes:

Sketch:

**NC Division of Water Quality –Methodology for Identification of Intermittent and
Perennial Streams and Their Origins v. 4.11**

SF 2

NC DWQ Stream Identification Form Version 4.11

Date: 8/19/2024	Project/Site: Big Rock Dr Site	Latitude: 35.845821
Evaluator: AJ Kamal	County: Chatham	Longitude: -79.067949
Total Points: <i>Stream is at least intermittent if ≥ 19 or perennial if ≥ 30*</i>	Stream Determination (circle one) Ephemeral Intermittent Perennial	Other e.g. Quad Name:

A. Geomorphology (Subtotal = <u>17</u>)	Absent	Weak	Moderate	Strong
1 ^a . Continuity of channel bed and bank	0	1	2	③
2. Sinuosity of channel along thalweg	0	1	②	3
3. In-channel structure: ex. riffle-pool, step-pool, ripple-pool sequence	0	1	②	3
4. Particle size of stream substrate	0	1	②	3
5. Active/relict floodplain	0	①	2	3
6. Depositional bars or benches	0	1	②	3
7. Recent alluvial deposits	0	①	2	3
8. Headcuts	①	1	2	3
9. Grade control	①	0.5	1	1.5
10. Natural valley	0	0.5	①	1.5
11. Second or greater order channel	No = 0		Yes = ③	

^a artificial ditches are not rated; see discussions in manual

B. Hydrology (Subtotal = <u>6.5</u>)	Absent	Weak	Moderate	Strong
12. Presence of Baseflow	0	1	2	③
13. Iron oxidizing bacteria	①	1	2	3
14. Leaf litter	①.5	1	0.5	0
15. Sediment on plants or debris	0	0.5	①	1.5
16. Organic debris lines or piles	0	0.5	①	1.5
17. Soil-based evidence of high water table?	No = ①		Yes = 3	

C. Biology (Subtotal = <u>10</u>)	Absent	Weak	Moderate	Strong
18. Fibrous roots in streambed	③	2	1	0
19. Rooted upland plants in streambed	③	2	1	0
20. Macroinvertebrates (note diversity and abundance)	0	1	②	3
21. Aquatic Mollusks	①	1	2	3
22. Fish	0	0.5	1	①.5
23. Crayfish	①	0.5	1	1.5
24. Amphibians	①	0.5	1	1.5
25. Algae	0	①.5	1	1.5
26. Wetland plants in streambed	FACW = 0.75; OBL = 1.5 Other = ①			

*perennial streams may also be identified using other methods. See p. 35 of manual.

Notes:

Sketch:

**NC Division of Water Quality –Methodology for Identification of Intermittent and
Perennial Streams and Their Origins v. 4.11**

SF 3

NC DWQ Stream Identification Form Version 4.11

Date: 8/19/2024	Project/Site: Big Rock Dr Site	Latitude: 35.844014
Evaluator: AJ Kamal	County: Chatham	Longitude: -79.065449
Total Points: <i>Stream is at least intermittent if ≥ 19 or perennial if ≥ 30*</i> 19.5	Stream Determination (circle one) Ephemeral <u>Intermittent</u> Perennial	Other <i>e.g. Quad Name:</i>

A. Geomorphology (Subtotal = <u>9.5</u>)				
	Absent	Weak	Moderate	Strong
1 ^a . Continuity of channel bed and bank	0	1	②	3
2. Sinuosity of channel along thalweg	0	①	2	3
3. In-channel structure: ex. riffle-pool, step-pool, ripple-pool sequence	0	①	2	3
4. Particle size of stream substrate	0	①	2	3
5. Active/relict floodplain	①	1	2	3
6. Depositional bars or benches	0	①	2	3
7. Recent alluvial deposits	0	1	②	3
8. Headcuts	①	1	2	3
9. Grade control	①	0.5	1	1.5
10. Natural valley	0	0.5	1	(1.5)
11. Second or greater order channel	No = ①		Yes = 3	

^a artificial ditches are not rated; see discussions in manual

B. Hydrology (Subtotal = <u>4</u>)				
12. Presence of Baseflow	0	1	②	3
13. Iron oxidizing bacteria	①	1	2	3
14. Leaf litter	1.5	①	0.5	0
15. Sediment on plants or debris	0	0.5	1	1.5
16. Organic debris lines or piles	0	0.5	1	1.5
17. Soil-based evidence of high water table?	No = ①		Yes = 3	

C. Biology (Subtotal = <u>6</u>)				
18. Fibrous roots in streambed	③	2	1	0
19. Rooted upland plants in streambed	③	2	1	0
20. Macrobenthos (note diversity and abundance)	①	1	2	3
21. Aquatic Mollusks	①	1	2	3
22. Fish	①	0.5	1	1.5
23. Crayfish	①	0.5	1	1.5
24. Amphibians	①	0.5	1	1.5
25. Algae	①	0.5	1	1.5
26. Wetland plants in streambed	FACW = 0.75; OBL = 1.5 Other = ①			

*perennial streams may also be identified using other methods. See p. 35 of manual.

Notes:

Sketch:

**NC Division of Water Quality –Methodology for Identification of Intermittent and
Perennial Streams and Their Origins v. 4.11**

SF 4

NC DWQ Stream Identification Form Version 4.11

Date: 8/19/2024	Project/Site: Big Rock Dr Site	Latitude: 35.846945
Evaluator: AJ Kamal	County: Chatham	Longitude: -79.064526
Total Points: <i>Stream is at least intermittent if ≥ 19 or perennial if ≥ 30*</i> 27.5	Stream Determination (circle one) Ephemeral <u>Intermittent</u> Perennial	Other <i>e.g. Quad Name:</i>

A. Geomorphology (Subtotal = <u>17.5</u>)				
	Absent	Weak	Moderate	Strong
1 ^a . Continuity of channel bed and bank	0	1	2	③
2. Sinuosity of channel along thalweg	0	1	2	③
3. In-channel structure: ex. riffle-pool, step-pool, ripple-pool sequence	0	①	2	3
4. Particle size of stream substrate	0	1	②	3
5. Active/relict floodplain	①	1	2	3
6. Depositional bars or benches	0	1	②	3
7. Recent alluvial deposits	0	1	②	3
8. Headcuts	①	1	2	3
9. Grade control	①	0.5	1	1.5
10. Natural valley	0	0.5	1	①.5
11. Second or greater order channel	No = 0		Yes = ③	

^a artificial ditches are not rated; see discussions in manual

B. Hydrology (Subtotal = <u>4</u>)				
12. Presence of Baseflow	0	1	②	3
13. Iron oxidizing bacteria	①	1	2	3
14. Leaf litter	1.5	①	0.5	0
15. Sediment on plants or debris	0	①.5	1	1.5
16. Organic debris lines or piles	0	①.5	1	1.5
17. Soil-based evidence of high water table?	No = ①		Yes = 3	

C. Biology (Subtotal = <u>6</u>)				
18. Fibrous roots in streambed	③	2	1	0
19. Rooted upland plants in streambed	③	2	1	0
20. Macroinvertebrates (note diversity and abundance)	①	1	2	3
21. Aquatic Mollusks	①	1	2	3
22. Fish	①	0.5	1	1.5
23. Crayfish	①	0.5	1	1.5
24. Amphibians	①	0.5	1	1.5
25. Algae	①	0.5	1	1.5
26. Wetland plants in streambed	FACW = 0.75; OBL = 1.5 Other = ①			

*perennial streams may also be identified using other methods. See p. 35 of manual.

Notes:

Sketch:

U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Eastern Mountains and Piedmont Region See ERDC/EL TR-07-24; the proponent agency is CECW-CO-R	OMB Control #: 0710-xxxx, Exp: Pending Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)
---	--

Project/Site: Big Rock Dr Site (Oldham) City/County: Chatham Sampling Date: 8/19/2024
 Applicant/Owner: *See Property Owner Information Sheet State: NC Sampling Point: DP2 Up
 Investigator(s): S&EC - Garrett Nelson & A.J. Kamal Section, Township, Range: Chapel Hill
 Landform (hillside, terrace, etc.): floodplain Local relief (concave, convex, none): none Slope (%): 0-2
 Subregion (LRR or MLRA): LRR N, MLRA 126 Lat: 35.844865 Long: -79.066256 Datum: NAD 83
 Soil Map Unit Name: WeE NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u> Hydric Soil Present? Yes <u> </u> No <u>X</u> Wetland Hydrology Present? Yes <u> </u> No <u>X</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>X</u>
Remarks:	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> ☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift Deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ True Aquatic Plants (B14) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres on Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	<u>Secondary Indicators (minimum of two required)</u> ☐ Surface Soil Cracks (B6) ☐ Sparsely Vegetated Concave Surface (B8) ☒ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry-Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☐ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☐ FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <u> </u> No <u>X</u> Depth (inches): <u> </u> Water Table Present? Yes <u> </u> No <u>X</u> Depth (inches): <u> </u> Saturation Present? Yes <u> </u> No <u>X</u> Depth (inches): <u> </u> (includes capillary fringe)	Wetland Hydrology Present? Yes <u> </u> No <u>X</u>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:	

VEGETATION (Four Strata) – Use scientific names of plants.

 Sampling Point: DP2 Up

Tree Stratum (Plot size: <u>30' x 30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status																	
1. <u>Liriodendron tulipifera</u>	20	Yes	FACU	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>6</u> (A) Total Number of Dominant Species Across All Strata: <u>8</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>75.0%</u> (A/B)																
2. <u>Pinus taeda</u>	10	Yes	FAC																	
3. <u>Carpinus caroliniana</u>	20	Yes	FAC																	
4. _____																				
5. _____																				
6. _____																				
7. _____																				
50 = Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th>Total % Cover of:</th> <th>Multiply by:</th> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>5</u></td> <td>x 2 = <u>10</u></td> </tr> <tr> <td>FAC species <u>50</u></td> <td>x 3 = <u>150</u></td> </tr> <tr> <td>FACU species <u>30</u></td> <td>x 4 = <u>120</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>85</u> (A)</td> <td><u>280</u> (B)</td> </tr> <tr> <td colspan="2">Prevalence Index = B/A = <u>3.29</u></td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>5</u>	x 2 = <u>10</u>	FAC species <u>50</u>	x 3 = <u>150</u>	FACU species <u>30</u>	x 4 = <u>120</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>85</u> (A)	<u>280</u> (B)	Prevalence Index = B/A = <u>3.29</u>	
Total % Cover of:	Multiply by:																			
OBL species <u>0</u>	x 1 = <u>0</u>																			
FACW species <u>5</u>	x 2 = <u>10</u>																			
FAC species <u>50</u>	x 3 = <u>150</u>																			
FACU species <u>30</u>	x 4 = <u>120</u>																			
UPL species <u>0</u>	x 5 = <u>0</u>																			
Column Totals: <u>85</u> (A)	<u>280</u> (B)																			
Prevalence Index = B/A = <u>3.29</u>																				
50% of total cover: <u>25</u> 20% of total cover: <u>10</u>																				
Sapling/Shrub Stratum (Plot size: <u>15' x 15'</u>)																				
1. <u>Liquidambar styraciflua</u>	5	Yes	FAC	Hydrophytic Vegetation Indicators: ☐ 1 - Rapid Test for Hydrophytic Vegetation ☒ 2 - Dominance Test is >50% ☐ 3 - Prevalence Index is ≤3.0 ¹ ☐ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ☐ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.																
2. _____																				
3. _____																				
4. _____																				
5. _____																				
6. _____																				
7. _____																				
8. _____																				
9. _____																				
5 = Total Cover																				
50% of total cover: <u>3</u> 20% of total cover: <u>1</u>																				
Herb Stratum (Plot size: <u>5' x 5'</u>)																				
1. <u>Polystichum acrostichoides</u>	10	Yes	FACU	Definitions of Four Vegetation Strata: Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody Vine – All woody vines greater than 3.28 ft in height.																
2. <u>Arisaema triphyllum</u>	5	Yes	FACW																	
3. _____																				
4. _____																				
5. _____																				
6. _____																				
7. _____																				
8. _____																				
9. _____																				
10. _____																				
11. _____																				
15 = Total Cover																				
50% of total cover: <u>8</u> 20% of total cover: <u>3</u>																				
Woody Vine Stratum (Plot size: <u>30' x 30'</u>)																				
1. <u>Smilax rotundifolia</u>	10	Yes	FAC	Hydrophytic Vegetation Present? Yes <u>X</u> No _____																
2. <u>Vitis rotundifolia</u>	5	Yes	FAC																	
3. _____																				
4. _____																				
5. _____																				
15 = Total Cover																				
50% of total cover: <u>8</u> 20% of total cover: <u>3</u>																				
Remarks: (Include photo numbers here or on a separate sheet.)																				

VEGETATION (Five Strata) – Use scientific names of plants.

 Sampling Point: DP2 Up

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status																	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)																
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
=Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <td style="width: 50%;">Total % Cover of:</td> <td style="width: 50%;">Multiply by:</td> </tr> <tr> <td>OBL species _____</td> <td>x 1 = _____</td> </tr> <tr> <td>FACW species _____</td> <td>x 2 = _____</td> </tr> <tr> <td>FAC species _____</td> <td>x 3 = _____</td> </tr> <tr> <td>FACU species _____</td> <td>x 4 = _____</td> </tr> <tr> <td>UPL species _____</td> <td>x 5 = _____</td> </tr> <tr> <td>Column Totals: _____</td> <td>(A) _____ (B) _____</td> </tr> <tr> <td colspan="2">Prevalence Index = B/A = _____</td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species _____	x 1 = _____	FACW species _____	x 2 = _____	FAC species _____	x 3 = _____	FACU species _____	x 4 = _____	UPL species _____	x 5 = _____	Column Totals: _____	(A) _____ (B) _____	Prevalence Index = B/A = _____	
Total % Cover of:	Multiply by:																			
OBL species _____	x 1 = _____																			
FACW species _____	x 2 = _____																			
FAC species _____	x 3 = _____																			
FACU species _____	x 4 = _____																			
UPL species _____	x 5 = _____																			
Column Totals: _____	(A) _____ (B) _____																			
Prevalence Index = B/A = _____																				
50% of total cover: _____ 20% of total cover: _____																				
Sapling Stratum (Plot size: _____)																				
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
=Total Cover				Hydrophytic Vegetation Indicators: _____ 1 - Rapid Test for Hydrophytic Vegetation _____ 2 - Dominance Test is >50% _____ 3 - Prevalence Index is ≤3.0 ¹ _____ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.																
50% of total cover: _____ 20% of total cover: _____																				
Shrub Stratum (Plot size: _____)																				
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
=Total Cover				Definitions of Five Vegetation Strata: Tree – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub - Woody Plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size, <u>and</u> woody plants, except woody vines, less than approximately 3 ft (1 m) in height. Woody Vine – All woody vines, regardless of height.																
50% of total cover: _____ 20% of total cover: _____																				
Herb Stratum (Plot size: _____)																				
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
8. _____	_____	_____	_____																	
9. _____	_____	_____	_____																	
10. _____	_____	_____	_____																	
11. _____	_____	_____	_____																	
=Total Cover																				
50% of total cover: _____ 20% of total cover: _____																				
Woody Vine Stratum (Plot size: _____)																				
1. _____	_____	_____	_____																	
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
=Total Cover																				
50% of total cover: _____ 20% of total cover: _____																				
Hydrophytic Vegetation Present? Yes _____ No _____																				

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL

 Sampling Point: DP2 Up
Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-6	10YR 4/4	100					Loamy/Clayey	
6-13	10YR 6/3	70	10YR 5/8	30	C	M	Loamy/Clayey	Prominent redox concentrations

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10) (**LRR N**)
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Dark Surface (S7)

☐ Polyvalue Below Surface (S8) (**MLRA 147, 148**)
☐ Thin Dark Surface (S9) (**MLRA 147, 148**)
☐ Loamy Mucky Mineral (F1) (**MLRA 136**)
☐ Loamy Gleyed Matrix (F2)
☐ Depleted Matrix (F3)
☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)
☐ Iron-Manganese Masses (F12) (**LRR N, MLRA 136**)
☐ Umbric Surface (F13) (**MLRA 122, 136**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 148**)
☐ Red Parent Material (F21) (**MLRA 127, 147, 148**)

Indicators for Problematic Hydric Soils³:

☐ 2 cm Muck (A10) (**MLRA 147**)
☐ Coast Prairie Redox (A16) (**MLRA 147, 148**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 136, 147**)
☐ Red Parent Material (F21) (**outside MLRA 127, 147, 148**)
☐ Very Shallow Dark Surface (F22)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes _____ No X

Remarks:



WP-24-483
On-site Riparian Buffer
Review
Status: Active
Submitted On: 9/24/2024

Primary Location
448 Big Rock Dr
Chapel Hill, North Carolina 27517
Owner
GLOSSON MARGARET O
GLOSSON JAMES MARK
446 OLD LYSTRA RD CHAPEL
HILL, NC 27517-6333

Applicant
 AJ Kamal
 +1 828-320-1959
 ajkamal@sandec.com
8412 Falls of Neuse Road
Ste. 104
Raleigh, NC 27615

Project Information

Review Type*
Minor Subdivision

If you have not done so already, please contact Paula Phillips of the Planning Department, prior to completing this application. (919) 542-8276 paula.phillips@chathamcountync.gov. If the Planning Department has approved this subdivision, please proceed with this application.

Has this review been completed by an environmental consultant prior to submittal to the county?*	Number of Features Found*
Yes	9

Date Field Work Was Completed*
08/20/2024

A Minor Subdivision is the creation of 5 or less new lots. If the original tract is over 10 acres and the subdivision results in the total of that tract becoming less than 10 acres then two lots have been created by default.

Number of Lots Being Created*

5

Parcel Information

Parcel Number (s)*

0076369

Watershed District

Jordan Lake - New Hope River /
03030002

Is the property within the Jordan Lake Watershed*

Yes

Property Owner Name*

Margaret O. Glosson & James Mark
Glosson

Location of Tract (address if applicable)*

Big Rock Drive, Chapel Hill, NC 27514

Driving Directions from Pittsboro*

US HWY 15 North, East on Old Lystra Road, East on Big Rock Drive

Subdivision Name (if applicable)

N/A

Please describe access issues (provide gate codes, or information for scheduling site visit)*

N/A

Parcel Number (s)*

0076374

Watershed District

Jordan Lake - New Hope River /
03030002

Is the property within the Jordan Lake
Watershed*

Yes

Property Owner Name*

Ella S. Oldham & John S. Oldham

Location of Tract (address if applicable)*

Big Rock Drive, Chapel Hill, NC 27514

Driving Directions from Pittsboro*

US HWY 15 North, East on Old Lystra Road, East on Big Rock Drive

Subdivision Name (if applicable)

N/A

Please describe access issues (provide gate codes, or information for scheduling site visit)*

N/A

Applicants Information

Are you the Landowner or an Agent*	Full Name*
Agent	AJ Kamal
Primary Phone Number*	Primary Email*
8283201959	ajkamal@sandec.com
Mailing Address*	City/State*
8412 Falls of Neuse Road	Raleigh
Zip Code*	
27615	

How would you like to receive the completed review letter?

I would like to pick up the completed Riparian Buffer Review at the County Office

☐

I would like the completed Riparian Buffer Review mailed to me

☐

I would like the completed Riparian Buffer Review e-mailed to me.

☒

Statement of Understanding

I have read and understand the regulations of the Watershed Protection Ordinance, Section 304, and I agree to adhere to these associated policies and guidelines.

Name*

AJ Kamal

New Field*

09/24/2024

Attachments

**Review Area Map**

REQUIRED

Figure 3 - Aerial Map (Avenza).pdf

Uploaded by AJ Kamal on Sep 24, 2024 at 2:38 PM

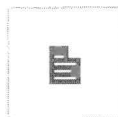
**Signed Right to Enter Property Form**

REQUIRED

chatham auth to enter 2.pdf

Uploaded by AJ Kamal on Sep 24, 2024 at 2:43 PM

2 Versions

**Signed Owner's Agent Designation Form**

chatham agent form 2.pdf

Uploaded by AJ Kamal on Sep 24, 2024 at 2:43 PM

2 Versions

**Consultant Findings Report**

REQUIRED

Form2.pdf

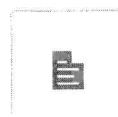
Uploaded by AJ Kamal on Sep 24, 2024 at 2:40 PM

**Consultants Findings Map**

REQUIRED

Wetland Sketch Map - Big Rock Dr Site.pdf

Uploaded by AJ Kamal on Sep 24, 2024 at 2:39 PM

**NCDWQ Stream Identification Forms & Wetland Data Forms**

REQUIRED

DP2 Up.pdf

Uploaded by AJ Kamal on Sep 24, 2024 at 2:53 PM

2 Versions

**USGS Topographic Map**

REQUIRED

Figure 1 - USGS Map.pdf

Uploaded by AJ Kamal on Sep 24, 2024 at 2:38 PM

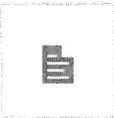


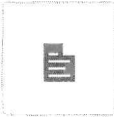
Figure 2 - Soil Survey Map.pdf
Figure 2 - Soil Survey Map.pdf
Uploaded by AJ Kamal on Sep 24, 2024 at 2:39 PM



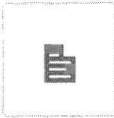
Figure 4 - LiDAR Map (Avenza).pdf
Figure 4 - LiDAR Map (Avenza).pdf
Uploaded by AJ Kamal on Sep 24, 2024 at 2:39 PM



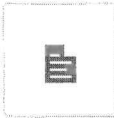
SF1.pdf
SF1.pdf
Uploaded by AJ Kamal on Sep 25, 2024 at 2:30 PM



SF2.pdf
SF2.pdf
Uploaded by AJ Kamal on Sep 25, 2024 at 2:30 PM



SF3.pdf
SF3.pdf
Uploaded by AJ Kamal on Sep 25, 2024 at 2:31 PM



SF4.pdf
SF4.pdf
Uploaded by AJ Kamal on Sep 25, 2024 at 2:31 PM

History

Date	Activity
10/29/2024, 12:44:18 PM	Paula Phillips changed the deadline to Oct 31, 2024 on approval step Planning Department Intake Approval on Record WP-24-483
10/29/2024, 12:44:16 PM	Taylor Burton assigned approval step Field Review from Taylor Burton to Drew Blake on Record WP-24-483
9/30/2024, 11:56:21 AM	Taylor Burton changed the deadline to Oct 17, 2024 on approval step Field Review on Record WP-24-483
9/27/2024, 10:52:39 AM	OpenGov system changed the deadline to Oct 11, 2024 on approval step Field Review on Record WP-24-483
9/27/2024, 10:52:38 AM	OpenGov system assigned approval step Field Review from to Taylor Burton on Record WP-24-483

Date	Activity
9/27/2024, 10:52:38 AM	OpenGov system altered approval step Field Review, changed status from Inactive to Active on Record WP-24-483
9/27/2024, 10:52:38 AM	Drew Blake waived payment step Minor Subdivision Buffer Review Fee on Record WP-24-483
9/27/2024, 10:52:26 AM	OpenGov system altered payment step Minor Subdivision Buffer Review Fee, changed status from Inactive to Active on Record WP-24-483
9/27/2024, 10:52:25 AM	Drew Blake approved approval step Watershed Minor Subdivision Intake Approval on Record WP-24-483
9/26/2024, 4:00:31 PM	OpenGov system assigned approval step Watershed Minor Subdivision Intake Approval from to Hollie Squires on Record WP-24-483
9/26/2024, 4:00:31 PM	OpenGov system altered approval step Watershed Minor Subdivision Intake Approval, changed status from Inactive to Active on Record WP-24-483
9/26/2024, 4:00:29 PM	Paula Phillips approved approval step Planning Department Intake Approval on Record WP-24-483
9/25/2024, 2:31:46 PM	AJ Kamal added file SF4.pdf to Record WP-24-483
9/25/2024, 2:31:29 PM	AJ Kamal added file SF3.pdf to Record WP-24-483
9/25/2024, 2:30:51 PM	AJ Kamal added file SF2.pdf to Record WP-24-483
9/25/2024, 2:30:32 PM	AJ Kamal added file SF1.pdf to Record WP-24-483
9/24/2024, 3:25:06 PM	Paula Phillips added a guest: sball@sandec.com to Record WP-24-483
9/24/2024, 2:54:06 PM	OpenGov system assigned approval step Planning Department Intake Approval from to Paula Phillips on Record WP-24-483
9/24/2024, 2:54:06 PM	OpenGov system altered approval step Planning Department Intake Approval, changed status from Inactive to Active on Record WP-24-483
9/24/2024, 2:54:06 PM	AJ Kamal submitted Record WP-24-483
9/24/2024, 2:53:43 PM	AJ Kamal added file DP2 Up.pdf
9/24/2024, 2:53:37 PM	AJ Kamal added file DP1 Wet.pdf

Date	Activity
9/24/2024, 2:43:29 PM	AJ Kamal added file chatham auth to enter 2.pdf
9/24/2024, 2:43:13 PM	AJ Kamal added file chatham agent form 2.pdf
9/24/2024, 2:42:06 PM	AJ Kamal added file chatham right to enter.pdf
9/24/2024, 2:42:01 PM	AJ Kamal added file Chatham auth agent form.pdf
9/24/2024, 2:40:19 PM	AJ Kamal added file Form2.pdf
9/24/2024, 2:39:48 PM	AJ Kamal added file Wetland Sketch Map - Big Rock Dr Site.pdf
9/24/2024, 2:39:29 PM	AJ Kamal added file Figure 4 - LiDAR Map (Avenza).pdf
9/24/2024, 2:39:11 PM	AJ Kamal added file Figure 2 - Soil Survey Map.pdf
9/24/2024, 2:38:48 PM	AJ Kamal added file Figure 1 - USGS Map.pdf
9/24/2024, 2:38:19 PM	AJ Kamal added file Figure 3 - Aerial Map (Avenza).pdf
9/24/2024, 2:16:19 PM	AJ Kamal started a draft Record

Timeline

Label	Activated	Completed	Assignee	Due Date	Status
✓ Planning Department Intake Approval	9/24/2024, 2:54:06 PM	9/26/2024, 4:00:29 PM	Paula Phillips	10/30/2024	Completed
✓ Watershed Minor Subdivision Intake Approval	9/26/2024, 4:00:30 PM	9/27/2024, 10:52:25 AM	Hollie Squires	-	Completed

Label	Activated	Completed	Assignee	Due Date	Status
 Minor Subdivision Buffer Review Fee	9/27/2024, 10:52:26 AM	9/27/2024, 10:52:38 AM	AJ Kamal	-	Skipped
 Field Review	9/27/2024, 10:52:38 AM	-	Drew Blake	10/17/2024	Active
 Minor Subdivision Riparian Buffer Report	-	-	-	-	Inactive



CHATHAM COUNTY

AUTHORIZED AGENT FOR FORM

PROPERTY LEGAL DESCRIPTION:

LOT NO. _____ PARCEL ID (PIN) 0076374 PARCEL SIZE 31.132 acres

STREET ADDRESS: Big Rock Drive off Old Lystra Road, Chapel Hill, NC 37524

Please print:

Property Owner: Ella S. Oldham

Property Owner: John S. Oldham

The undersigned owner(s) of the above described property, do hereby authorize

Steven Ball, of Soil and Environmental Consultants, Inc.
(Contractor / Agent) (Name of consulting firm if applicable)

to act on my/our behalf and take all actions. I/we could have taken if present, necessary for the processing, issuance and acceptance of reviews, inspections, or permits and any and all standard and special conditions attached to these approvals. The activities authorized include the following (Check all that apply):

☐ Check here for all of the below options.

- ☐ Building Permit
- ☐ Zoning Compliance Permits
- ☐ Floodplain Determination
- ☐ Soil Erosion & Sedimentation Control Permit
- ☐ Permits to install, repair, evaluate, or expand onsite wastewater system(s)
- ☐ Evaluation/inspection/permitting of a private drinking water well(s).
- ☒ Riparian Buffer Review pursuant to §304 of the Chatham Co. Watershed Protection Ordinance.
- ☐ Other: _____

Property Owner's Address (if different than property above):

1415 Admiral Way, Wilmington, NC 28412

Telephone: (910) 859-3811

E-mail: johnsoldham2013@gmail.com

We hereby certify the above information submitted in this application is true and accurate to the best of our knowledge.

John S. Oldham
Owner Authorized Signature

Date: 09/09/2024

Agent Authorized Signature

Date: _____



Soil & Environmental Consultants, Inc.

8412 Falls of Neuse Road, Suite 104, Raleigh, NC 27615 • Phone (919) 846-5900 • Fax (919) 846-9467
sandec.com

PROPERTY OWNER CERTIFICATION / AGENT AUTHORIZATION

Project Name/Description: Parcel 0076374 S&EC Project # 16181

Date: _____

The Department of the Army
U.S. Army Corps of Engineers, Wilmington District
69 Darlington Avenue
Wilmington, NC 28403

Attn: _____ Field Office: _____

I, the undersigned, a duly authorized owner of record of the property/properties identified herein, do authorize representatives of the Wilmington District, U.S. Army Corps of Engineers (Corps) and Soil & Environmental Consultants, Inc. (S&EC) staff (as my agent) to enter upon the property herein described for the purpose of conducting on-site investigations and issuing a determination associated with Waters of the U.S. subject to Federal jurisdiction under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act of 1899. This document also authorizes S&EC (as my agent) to act on my behalf and take all actions necessary for the processing, issuance and acceptance of a permit or certification and any and all associated standard and special conditions. This notification supersedes any previous correspondence concerning the agent for this project.

NOTICE: This authorization, for liability and professional courtesy reasons, is valid only for government officials to enter the property when accompanied by S&EC staff. You should call S&EC to arrange a site meeting prior to visiting the site.

PARCEL INFORMATION:

Parcel Index Number(s) (PIN): 0076374
Site Address: Big Rock Drive off Old Lystra Road
City, County, State: Chapel Hill, Chatham County, NC

PROPERTY OWNER INFORMATION:

Name: John S. Oldham
Address: 1415 Admiral Way, Wilmington, NC 28412
Phone No.: () _____ Fax No.: () _____ Mobile No.: (910) 859-3811
Email: johnsoldham2013@gmail.com

John S. Oldham
Property Owner (please print)

09/09/2024
Date


Property Owner Signature

We hereby certify the above information submitted in this application is true and accurate to the best of our knowledge.



CHATHAM COUNTY

AUTHORIZED AGENT FOR FORM

PROPERTY LEGAL DESCRIPTION:

LOT NO. _____ PARCEL ID (PIN) 0076374 PARCEL SIZE 31.132 acres

STREET ADDRESS: Big Rock Drive off Old Lystra Road, Chapel Hill, NC 37524

Please print:

Property Owner: Ella S. Oldham

Property Owner: John S. Oldham

The undersigned owner(s) of the above described property, do hereby authorize

Steven Ball, of Soil and Environmental Consultants, Inc.
(Contractor / Agent) (Name of consulting firm if applicable)

to act on my/our behalf and take all actions. I/we could have taken if present, necessary for the processing, issuance and acceptance of reviews, inspections, or permits and any and all standard and special conditions attached to these approvals. The activities authorized include the following (**Check all that apply**):

☐ Check here for all of the below options.

- ☐ Building Permit
- ☐ Zoning Compliance Permits
- ☐ Floodplain Determination
- ☐ Soil Erosion & Sedimentation Control Permit
- ☐ Permits to install, repair, evaluate, or expand onsite wastewater system(s)
- ☐ Evaluation/inspection/permitting of a private drinking water well(s).
- ☒ Riparian Buffer Review pursuant to §304 of the Chatham Co. Watershed Protection Ordinance.
- ☐ Other: _____

Property Owner's Address (if different than property above):

1415 Admiral Way, Wilmington, NC 28412

Telephone: (910) 859-3811

E-mail: johnsoldham2013@gmail.com

We hereby certify the above information submitted in this application is true and accurate to the best of our knowledge.

JS Oldham
Owner Authorized Signature

Date: 09/09/2024

Agent Authorized Signature

Date: _____



Watershed Protection Department

P.O. Box 548
Pittsboro, NC 27312

Website: www.chathamnc.org

Authorization to Enter Property Form

Date: _____

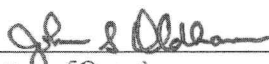
PARCEL No. (AKPAR) 0076374

I, (print name) John S. Oldham, as owner of the property described above, or as a representative of the owner(s) do hereby convey permission to Chatham County staff to enter the property at their convenience to conduct a surface water identification (SWID) necessary to determine whether or not water features on my property are subject to the riparian buffer regulations described in Section 304 of the Chatham County Watershed Protection Ordinance. The SWID will be public record and on file at the Planning and Watershed Protection Departments, and may be requested in the future for review by interested parties.

I understand that stream delineations for the property listed above will be made by County staff only once and that if future subdivisions are proposed within this property boundary, it will require a surface water identification by a private consultant at the property owner's expense.

John S. Oldham

(Print Owner's Name)


(Signature of Owner)
(Date) 09/09/2024

(Print Authorized Agent Name)

(Signature of Authorized Agent)
(Date)