

# Buffer Authorization Application Form



15A NCAC 02B .0233 (8)(b), .0243 (8)(b), .0250 (11)(b), .0259 (8)(b), .0267 (11)(c), .0607 (e)(2) Buffer Authorization Online Form - Update 10/23/2018

## A. Owner/Applicant Information

*For instructions on how to fill out this form, see the [Buffer Authorization Application Help Document](#) posted on DWR's 401 & Buffer page.*

*Please note: fields marked with a red asterisk \* below are required. You will not be able to submit the form until all mandatory questions are answered.*

### A. Owner/Applicant Information

#### General Information

**Primary Contact Email:**\*

[martinrichmond@gmail.com](mailto:martinrichmond@gmail.com)

[Please list the contact person's email for questions or payment on this project if needed.](#)

**Is this project a public transportation project?\***

Yes

No

**Who is submitting the application?\***

Owner

Applicant other than Owner

Agent

[Check all that apply](#)

#### 1. Property Owner Information:

**1a. Name on Recorded Deed:\***

Snow Camp Investment Properties, LLC

**1b. Responsible Party:**

Amy Williams  
[\(for Corporations\)](#)

**1c. Mailing Address:\***

[Street Address](#)

PO Box 552

[Address Line 2](#)

[City](#)

Snow Camp

[Postal / Zip Code](#)

27349

[State / Province / Region](#)

NC

[Country](#)

US

**1d. Telephone:\*** 336-376-6000

**1e. Email Address:\*** [chad.threatt@alamanceaggregates.com](mailto:chad.threatt@alamanceaggregates.com)

#### 2. Applicant's Information (if different from owner):

**2a. Name:\***

Chad Threatt

**2b. Company Affiliation:**

Alamance Aggregates, LLC

**2c. Mailing Address: \***

Street Address  
342 Clark Rd  
Address Line 2  
City  
Snow Camp  
Postal / Zip Code  
27349-9740

State / Province / Region  
NC  
Country  
US

**2d. Telephone: \***

9195245956

**2e. Email Address: \***

chad.threatt@alamanceaggregates.com

**2f. Attach a signed and dated copy of the authorization granting the applicant owner approval. An agent authorization form is acceptable. \***

Click the upload button or drag and drop files here to attach document

Owner\_Applicant Authorization\_signed 02282020.pdf 287.68KB

[PDF only](#)

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**3. Agent Information:****3a. Name: \***

Martin Richmond

**3b. Company Affiliation: \***

Lakenheath, Inc.

**3c. Mailing Address: \***

Street Address  
2204 Lakenheath Ct  
Address Line 2  
City  
Raleigh  
Postal / Zip Code  
27614

State / Province / Region  
NC  
Country  
USA

**3d. Telephone: \***

9192710368

**3e. Email Address: \***

martinrichmond@gmail.com

**3f. Attach a signed and dated copy of the agent authorization form. \***

Click the upload button or drag and drop files here to attach document

Agent Authorization\_signed 02262020.pdf 343.97KB

[PDF Only](#)

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*If the applicant is not the property owner, in addition to providing the Agent's information, select 'Applicant other than Owner' above, enter the applicant's information, and attach an authorization granting the applicant owner approval.*

## B. Project Information and Prior Project History

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#### 1. Project Information

**1a. Name of Project:**\*

Alamance Aggregates/Snow Camp Mine  
(Subdivision, facility, or establishment name)

*If your project has a formal name please use this. If your project does not have a formal name, please identify your project by the owner name and proposed activity (Jones Property Access Road, Smith Guest House, etc.) List in parentheses any other names that have been used to identify the project in the past.*

**1b. Is this a publicly-funded transportation project? \***

- Yes  
 No

**1d. Subdivision Name:**

**1e. Nearest Municipality:** Snow Camp, NC

**1f. Property Size:** 125.00  
acres

**1g. County (or Counties) where the project is located: \***

Alamance

**1h. Property ID#**

8777506532  
[Tax PIN or Parcel id](#)

**Date of Purchase**

11/3/2017

#### 1i. Deed Information

Type of Book	Book#	Page#
Deed	03714	0667
Map	077	0021

**1j. Attach a copy of the recorded map that indicates when the lot was last platted.**

[Click the upload button or drag and drop files here to attach document](#)

Alamance Co GIS Property Record.pdf 675.75KB  
[PDF only](#)

**1k. How would you like to provide the Latitude and Longitude information? \***

- Address Lookup  
 Manually

**Latitude \*** 35.870832 **Longitude \*** -79.418553

**1l. Is the project located in any of North Carolina's twenty coastal counties? \***

- Yes  
 No

Coastal Management information can be found at:

- [About Coastal Management](#)

- [Staff Listing](#)
- [Coastal County Lookup](#)

## 2. Surface Waters



### 2a. Name of the nearest body of water to proposed project: \*

UT to Cane Creek

Link to [Soil Surveys for North Carolina Counties](#). (Please see instructions in the [Help Document](#) to determine the most recent published version.)

### 2b. Water Quality Classification of nearest receiving water: \*

Class WS-V; NSW

### 2c. List the total estimated linear feet of all existing streams (intermittent and perennial) on the property: \*

6,038

(linear feet only)

## 3. Project Description:



### 3a. Describe the existing conditions on the site and the general land use in the vicinity of the project at the time of this application:

The project is located on Clark Rd. in Alamance County, NC. Property is currently pasture farmland and forested woodlands. General land use in the area is primarily agricultural use.

### 3b. Attach an 8 ½ x 11 excerpt from the most recent version of the USGS topographic map indicating the location of the site.

[Click the upload button or drag and drop files here to attach document](#)

USGS Topo.pdf 1.61MB

[PDF only](#)

Link to TOPO Map lookup: <https://viewer.nationalmap.gov/basic/>

### 3c. Attach an 8 ½ x 11 excerpt from the most recent version of the published County NRCS Soil Survey Map depicting the project site.

[Click the upload button or drag and drop files here to attach document](#)

NRCS Soils.pdf 4.17MB

[PDF only](#)

Link to [Soil Surveys for North Carolina Counties](#). (Please see instructions in the [Help Document](#) to determine the most recent published version.)

## 4. Proposed Activity



**Provide a detailed description of the proposed activity including its purpose and include the type of equipment to be used: \***

The proposed project is construction of an aggregate quarry, with associated work roads and utilities, to meet increased aggregate demand in North Carolina.

The project requires the construction of an entrance roadway connecting the quarry operations with Clark Road. This roadway will create access to the main business office, providing access for the employees and customers, and continue into the mining area, providing access for mining equipment and service vehicles.

Based on the mining plans, the entrance is required to be located on the west side of the mine, avoiding the internal mining operations. For this purpose, the proposed roadway will require crossing of an unnamed tributary (Stream 3 on the USACE PJD), which originates near the center of the project and courses west to the western property boundary.

The proposed entrance roadway will utilize a bottomless culvert, designed to be seated on subsurface rock. For this design, the subsurface rock elevation is assumed to be approximately the elevation of the rock stream bed. The culvert has been sized to allow for construction without disturbance of the stream channel, providing for 11 ft of channel bankfull clearance (actual channel width = 4.9 ft), and an additional 6 feet of clearance on each side of the channel (see attached site plans).

**Attach a site plan as applicable to the project:**

[Click the upload button or drag and drop files here to attach document](#)

Site Plan and Impact Maps.pdf 4.85MB

PDF only

\*\* Below is a link with instructions on what you will need to show on your site plan.

<http://edocs.deq.nc.gov/WaterResources/0/doc/402224/Page1.aspx>

**5. Jurisdictional Determinations**



**5a. Have jurisdictional wetlands or stream determinations by the Corps or State been requested or obtained for this property/project (including all prior phases) in the past? \***

- Yes
- No

**5b. Who did the determination on the jurisdictional areas?**

Who did the determination?	List name if known	Date	Attach
Corps	USACE Raleigh Regulatory Office, Jean Gibby <a href="#">(Name if known)</a>	03/20/2019	<div style="border: 1px solid black; padding: 2px;">           20... 1            01...            A.JD            and            P.JD            Te...         </div> <p>pdf only</p>
State	NC DWR Winston-Salem Regional Office, Sue Homewood <a href="#">(Name if known)</a>	02/28/2019	<div style="border: 1px solid black; padding: 2px;">           Al... 2            Q...            St...            De...            Le...         </div> <p>pdf only</p>

\*\*\* Please include the date of the determination and upload a copy of the determination.

Comments:

## 6. Project History

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6a. Have permits or certifications been requested or obtained for this project (including all prior phases) in the past? \*

- Yes
- No

## 7. Future Project Plans

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7a. Is this project a phased project? \*

- Yes
- No

7b. If yes, explain \*

The Snow Camp Mine is expected to be in operation for decades, mining different sections of the property over different future phases and time periods. The property is well suited for upland development, and with consideration to potential - and very general - expansion plans, there are no intended or anticipated future activities that will require authorization.

In addition, the current mining plans and operations, for which this authorization is required, will meet the project goals and needs of the applicant as a single and complete project.

## C. Proposed Impacts Inventory

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#### Buffer Impacts

##### 1a. Project is in which protected Basin? \*

- Neuse River Basin (15A NCAC 02B.0233)
- Catawba River Basin (15A NCAC 02B.0243)
- Randleman Lake Watershed (15A NCAC 02B.0250)
- Tar-Pamlico River Basin (15A NCAC 02B.0259)
- Jordan Lake Watershed (15A NCAC 02B.0267)
- Goose Creek Watershed (15A NCAC 02B.0606 & 15A NCAC 02B.0607)

You can find which river basin you live in at the link below.

<http://www.eenorthcarolina.org/riverbasins-gis-map.asp>

##### 1c. Individually list all buffer impacts below. If any impacts require mitigation, then you MUST fill out Section D of this form.

*Please note: if the impact you list below requires mitigation choose "allow w/ mitigation" under impact type.*

Site# - Reason	Stream Name	Buffer Impact *	Impact Type *	Zone 1	Zone 2
Road Crossing #1 <a href="#">Map label (e.g. Road Crossing 1)</a>	Stream 3 (UT to Cane Creek)	Permanent (P) <a href="#">Perm or Temp</a>	Allowable	2,929. 00 <a href="#">Square Feet</a>	1,671. 00 <a href="#">Square Feet</a>
Road Crossing #1 <a href="#">Map label (e.g. Road Crossing 1)</a>	Stream 3 (UT to Cane Creek)	Temporary (T) <a href="#">Perm or Temp</a>	Allowable	3,006. 00 <a href="#">Square Feet</a>	1,877. 00 <a href="#">Square Feet</a>

**Total Zone 1 Impacts:** 5,935.00

**Total Zone 2 Impacts:** 3,548.00

**Total Buffer Impacts:** 9,483.00

**Comments:**

## D. Impact Justification and Mitigation

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#### 1. Avoidance and Minimization

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##### **1a. Specifically describe measures taken to avoid or minimize the proposed impacts in designing the project. \***

Prior to site design, the applicant requested a delineation of wetlands, streams, and riparian buffers, in order to avoid impacts where practicable.

Due to the design of the mine, including the location of the office and the internal, upland mining operations, the access road is required to be situated on the western side of the project, which requires the crossing of Stream 3.

Alternatively, constructing the roadway to the east would result in the access road terminating into the mining operations.

The use of the bottomless culvert avoids impacts to the stream channel, and the crossing is located in an area where no wetlands are present, avoiding wetland impacts.

The proposed roadway is designed to cross the stream in a relatively straight reach, perpendicular to the stream channel, minimizing the total riparian impact footage.

##### **1b. Specifically describe measures taken to avoid or minimize the proposed impacts through construction techniques. \***

Access road construction will be performed under an approved Sediment and Erosion Control Plan, implemented through the NC Division of Energy, Mining, and Land Resources.

Access to the work area will be from high ground, and construction mats will be used if necessary. Use of heavy equipment within the riparian buffer will be avoided as much as possible.

Permanent impacts have been minimized to least extent necessary, and unavoidable temporary construction impacts will be restored to pre-construction contours, re-planted, and remain undisturbed post-construction.

When possible, construction will be performed during dry periods to avoid heavy rain events.



## E. Diffuse Flow Plan

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All buffer impacts & high ground impacts require diffuse flow or other form of stormwater treatment. If the project is subject to a state implemented riparian buffer program, upload a plan that fully documents how diffuse flow will be maintained. All stormwater control measures (SCMs) must be designed in accordance with the [NC Stormwater Design Manual](#). Associated supplement forms and other documentation must be provided.

For a list of options to meet the diffuse flow requirements, click [here](#).

#### 1a. What type of SCM are you providing? \*

- Level Spreader
- Vegetated Conveyance (lower SHWT)
- Wetland Swale (higher SHWT)
- Proposed project will not create concentrated stormwater flow through the buffer
- Other SCM that removed minimum of 30% nitrogen

#### 1c. Diffuse Flow Documentation \*

[Click the upload button or drag and drop files here to attach document](#)

05 Mine S&EC Sheet.pdf

805.18KB

[PDF only](#)

## F. Supplementary Information

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#### Environmental Documentation

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**1a. Does the project involve an expenditure of public (federal/state/local) funds or the use of public (federal/state) land?**

- Yes  
 No
- 

#### Violations

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**2a. Is the site in violation of DWR Wetland Rules (15A NCAC 02H .0500), Isolated Wetland Rules (15A NCAC 02H .1300), DWR Surface Water or Wetland Standards, or Riparian Buffer Rules (15A NCAC 02B .0200)?**

- Yes  
 No

**2b. Is this an after-the-fact buffer authorization application?**

- Yes  
 No
- 

### G. Additional Information



Please upload any additional information you would like the Division to consider during application review.

**Additional Attachments:**

[Click the upload button or drag and drop files here to attach document](#)

[PDF only](#)

**Additional Comments:**

## G. Sign and Submit

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### G. Sign and Submitt



**By digitally signing below, I certify that:**

- I have given true, accurate, and complete information on this form;
- I agree that submission of this form is a "transaction" subject to Chapter 66, Article 40 of the NC General Statutes (the "Uniform Electronic Transactions Act")
- I agree to conduct this transaction by electronic means pursuant to Chapter 66, Article 40 of the NC General Statutes (the "Uniform Electronic Transactions Act");
- I understand that an electronic signature has the same legal effect and can be enforced in the same way as a written signature; AND
- I intend to electronically sign and submit the application form."

**Print Name:\***

Martin Richmond

**Signature\***



MARTIN RICHMOND

**Submission Date:**

(Auto populated field)