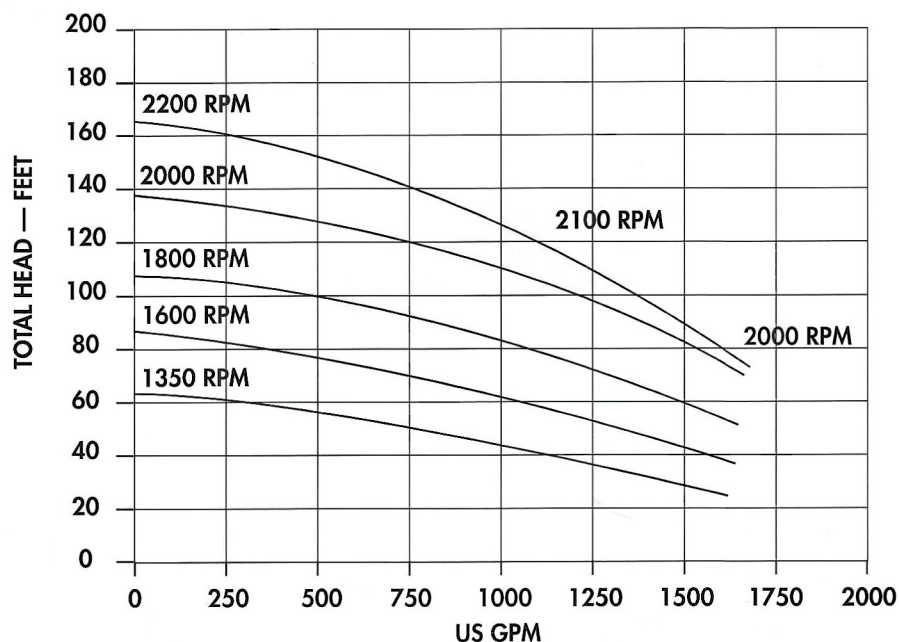


CD 150M Performance Curve



Performance Table

Diesel Set – John Deere 4045D, 71 hp @ 2200 rpm
Impeller Diameter – 10.8 in.

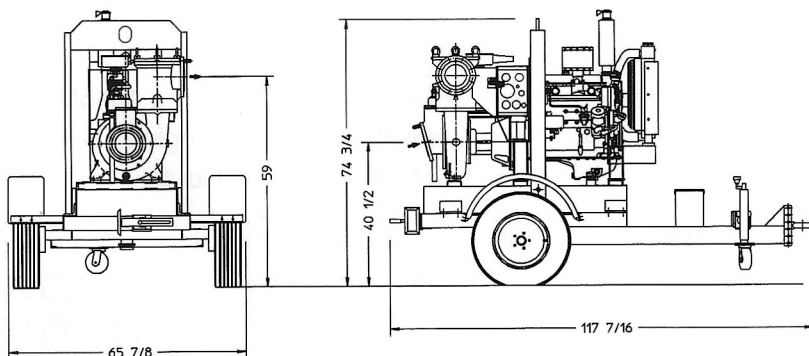
Total Suction	Total Delivery Head – Feet				
	10	20	30	40	50
Head – Feet	Output – GPM				
10	1960	1900	1850	1800	1680
15	1850	1810	1700	1520	1400
20	1670	1590	1500	1380	1240
25	1500	1400	1340	1240	1100

MANOMETRIC or TOTAL Heads are given in the rating tables and curves based on water tests at sea level and 68° F (20° C).

For maximum flows, larger diameter pipes may be required.

CD 150M–John Deere 4045D–GP 60 Highway Trailer

Dimensions (inches) Dry weight (lbs.) = 2750 lbs



Technical Notes:

Maximum operating speed:

2200 r.p.m.

Maximum operating temperature:

+212°F (100°C)

Maximum working pressure:

58.5 p.s.i.

Maximum suction pressure:

29.0 p.s.i.

Maximum casing pressure:

88.0 p.s.i.

Fuel tank capacity:

30 to 100 gallons (60 gallon standard)

Fuel consumption:

3.0 gph @ 2000 rpm (full load)

Pipe connections:

6" ASA 150#

Solids handling:

3" dia. standard impeller

Material Specifications:

Pump casing, suction cover, separation tank and wearplates:

close grained cast iron

Impeller:

cast chromium steel hardened to minimum Brinell 341 HB

Shaft:

1½% nickel/chromium steel

NRV Body-Ejector Housing:

close-grained cast iron

NRV Ball and Seat:

high nitrile rubber

Mechanical Seal Faces:

solid silicon carbide

godwin
pumps

One Floodgate Road
 Bridgeport, NJ 08014

Tel: (609) 467-3636

Fax: (609) 467-4841

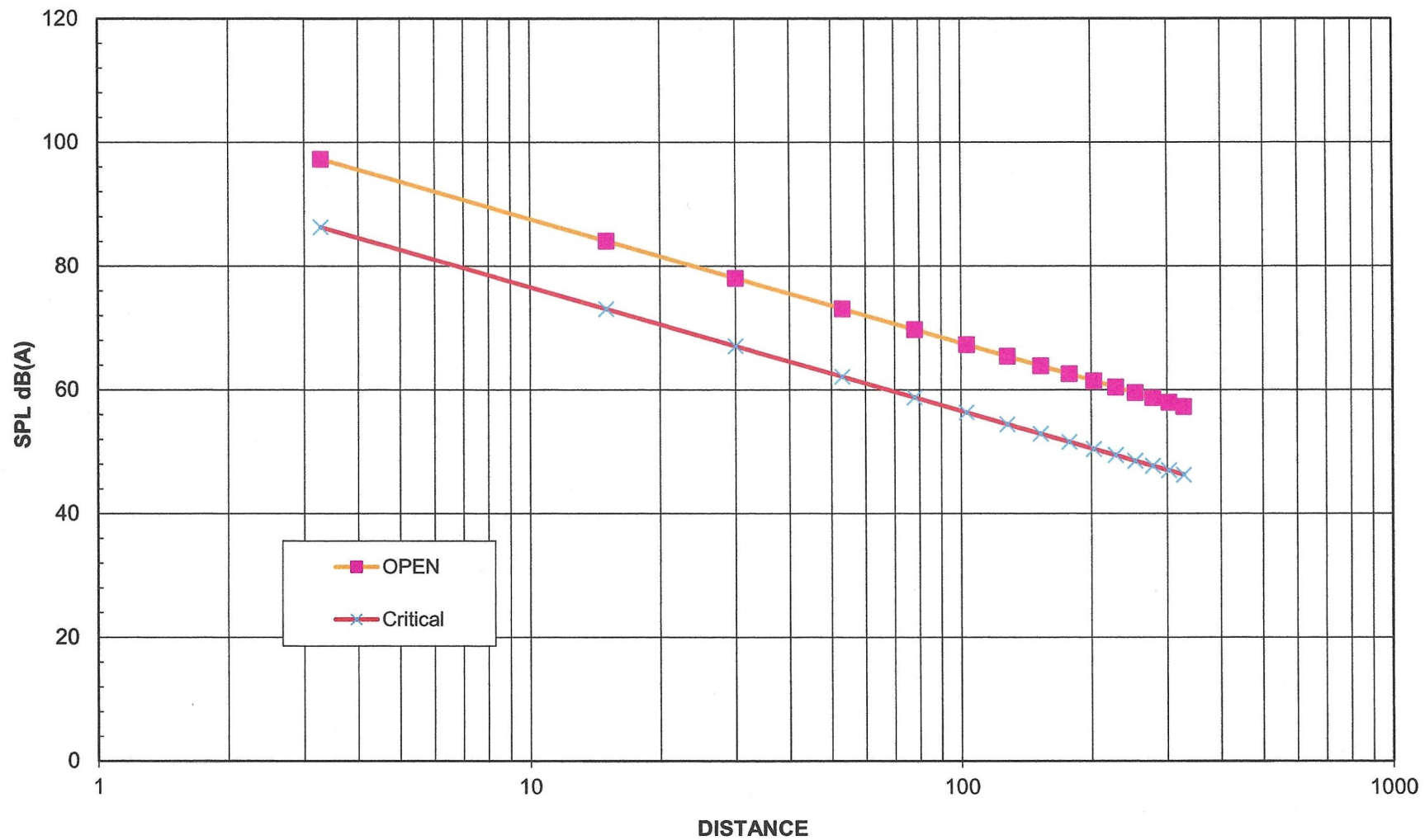
BRANCH LOCATIONS:

New England • Buffalo, NY • Chicago, IL
 Washington, DC • Richmond, VA • Charleston, WV
 Virginia Beach, VA • North Charleston, SC

Specifications and illustrations are subject to revision without notice.

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**SOUND LEVEL VERSUS DISTANCE
FOR GODWIN CD150M 6" CRITICAL SILENCED DIESEL PUMPSET**



In-Person Community Meeting Summary

K&S Mine North – Special Use Permit

Thursday, March 26, 2024

Scheduled Time & Place: 7:00 pm, Currituck County Public Library, Barco, NC

Meeting began at approximately 7:05 pm and ended at approximately 8:15 pm.

Attendees:

- Jennings Smith, K&S Development, LLC, Mine Operator
- Millicent Ott, Currituck County Planning & Inspections
- Ken Elliott, Elliott Consulting
- Tommy Wright, PO Box 24, Jarvisburg, NC, landowner
- Mack & Karen Pierce, 5067 Caratoke Hwy, Coinjock, NC, adjacent landowners.

Presentation:

An overview of the requested application and County review and approval process was presented. The overview included explanation of the applicant's proposal to excavate a sand mine on the Thomas & Jerry Wright property, and attendees were provided with a full mining and reclamation map showing location of the proposed mine in relation to surrounding area. Details were given regarding depth of the mine, access to the mine, dewatering activities, noise generation, distances to nearby homes and businesses, traffic, dust generation, performance bonding of groundwater wells within 1500 feet of excavation, and reclamation of affected areas at end of excavation.

Copies of all presentation materials were provided to all interested parties.

Comments & Questions:

- Pierce:
 - General approval of the project. Was interested in elevation of the excavation area and how the water was going to flow into the impoundments and thought it was a good concept. Landowner Tommy Wright assisted with the discussion.
- Wright:
 - Provided information on the berms adjacent to the impoundments. Stated that it might be necessary to increase the height of the berm to provide additional screening for waterfowl during the winter months.
 - Discussed whether it might be necessary to restrict mine operation in winter months to prevent disturbing the waterfowl in the impoundments. He said that they would determine that as needed.
 - Questioned if mining operation would disturb the Pierce property south of the mining operation if a new home was built there. Determined that the dewatering pump would be located 220 feet from their property and the excavation edge would be 975 feet from their property. It would be unlikely that there would be any impact on groundwater levels or excessive noise.

- Discussed alternative southern entrance to the mine site along the Wright-Pierce property line. Determined that this entrance would not be a better solution because of the entrance to the NCDOT Rest Center with turning lanes across Caratoke Hwy from there would cause difficult and possibly dangerous access to the highway. Applicant Jennings Smith provided details and comments.
- General discussion of water movement between excavation and impoundments.

Adjourn at 8:15 pm

In summary, the residential attendees expressed valid concerns that the mine operator, Jennings Smith, must always be aware of during the operation of the K&S Mine North excavation project. Though measures are in place to help mitigate impacts to all neighboring lands and property owners, it is important to be vigilant to maintain those measures during the life of the mine. It was explained to the attendees that K&S Development is always willing to listen to concerns or complaints from neighbors of the K&S Mine North and is willing to work with them to solve any problems that may arise.

Virtual Community Meeting No. 1 Summary

K&S Mine North – Special Use Permit

Friday, March 27, 2026

Scheduled Time: 10:00 am

Meeting began at 10:00 am and ended at 10:45 am.

Attendees:

- Ken Elliott, Elliott Consulting, Host

Meeting opportunities were provided for all interested parties and residents not able to attend the in-person community meeting on March 26, 2026, for the K&S Mine North project. Meeting was advertised in invitation letter sent by certified US Mail to all residents living within 1500 feet of the proposed mining excavation.

No residents attended; meeting was adjourned at 10:45 am.

Virtual Community Meeting No. 2 Summary

K&S Mine North – Special Use Permit

Friday, March 27, 2026

Scheduled Time: 4:00 pm

Meeting began at 4:00 pm and ended at 4: pm.

Attendees:

- Ken Elliott, Elliott Consulting, Host

Meeting opportunities were provided for all interested parties and residents not able to attend the in-person community meeting on March 26, 2026, for the K&S Mine North project. Meeting was advertised in invitation letter sent by certified US Mail to all residents living within 1500 feet of the proposed mining excavation.

No residents attended; meeting was adjourned at 4:20 pm.

The above summary is true and correct to the best of my recollection and knowledge.



Ken Elliott
For Jennings Smith, K&S Development, LLC
Applicant for Currituck County Special Use Permit

June 2, 2026

*** TYPICAL ***

ELLIOTT CONSULTING

March 8, 2026

Jerry W. Wright, Thomas C. Wright
PO Box 24
Jarvisburg, NC 27947

To Whom It May Concern:

I would like to invite you and nearby property owners to a community meeting regarding a planned Currituck County Special Use Permit application. Mr. Jennings Smith, 100 Greenville Street, Kill Devil Hills, NC 27948, is proposing to excavate a 12.11-acre pond located at 5243 Caratoke Highway in Poplar Branch, NC, behind Muddy Motor Sports Park. The proposed excavation is on property owned by Jerry W. and Thomas C. Wright, PO Box 24, Jarvisburg, NC 27947, parcel ID# 0083000006B0000 and 008300000080000. Access to the excavation area will be via a private access road from Caratoke Highway.

The purpose of the community meeting is to inform you and nearby property owners about this Special Use Permit application that will be reviewed under Currituck County's Unified Development Ordinance, and to provide you with an opportunity to give comments and receive information about the application.

The community meeting will be held on **Thursday, March 26, 2026, at 7:00pm**, at the Currituck County Public Library, 4261 Caratoke Highway, Barco, NC 27917. For those unable to attend this meeting, a second and third community meeting will be held **online** via Zoom™ as follows:

- **Friday morning, March 27, 2026, at 10:00am - Zoom Meeting Login: <https://tinyurl.com/jsmith-1>**
- **Friday afternoon, March 27, 2026, at 4:00pm - Zoom Meeting Login: <https://tinyurl.com/jsmith-2>**

It is the intention of Mr. Smith to allow all interested parties an opportunity to ask questions or provide comments on the above project and is always available at **(252) 421-0617**. Those unable to attend any of the above scheduled meetings may also contact me by phone at **(252) 339-9021** or by email at ken@kenobx.com for information about the project.

Notice of this meeting is in reference to UDO Section 2.3.8.C Evidentiary Hearing Procedures.

Thank you, we look forward to seeing you.



Ken Elliott
For Jennings Smith
100 Greenville Street
Kill Devil Hills, NC 27948

ELLIOTT CONSULTING

March 9, 2026

Currituck County
Planning and Inspections Department
153 Courthouse Road, Suite 110
Currituck, NC 27929

Use Permit - Community Meeting – Affidavit of Notification of Adjoining Landowners

I, Kenneth Elliott, an agent of an applicant for a modification of an existing Use Permit from the Currituck County Board of Commissioners, being first duly sworn, do hereby attest that the following are all known owners of record, both public and private, of all tracts of land that are (a) subject to the application, (b) within 1500 feet of the property lines subject to the application, or (c) commanders of military bases located within five miles of the subject application, and that notice of a community meeting regarding the application has been caused to be mailed, by certified mail, to the Currituck County Planning Director and to said owners of record at their addresses shown on the attached lists, a minimum of ten days in advance of the community meeting.

The above attestation was made by me while under oath to provide proof satisfactory to Currituck County Planning and Inspections Department that a reasonable effort has been made to notify all known owners of record, both public and private, that are within 1500 feet of property lines subject to the application and the Currituck County Planning Director. I understand that it is the responsibility of the applicant to retain the receipts of mailing showing that the above notices were caused to be mailed and to provide them to the Currituck County Planning Director upon request.

Kenneth Elliott
Signature of Agent

March 9, 2026
Date

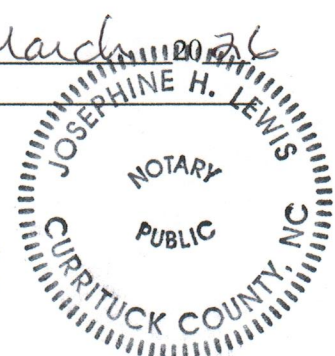
Name of Applicant: Jennings Smith
Title of person executing affidavit: Authorized Agent for Jennings Smith

I, Josephine H. Lewis a Notary Public of the County of Currituck
State of North Carolina, do hereby certify that Kenneth Elliott,
appeared before me this day and under oath acknowledged that the above Affidavit was made
by him.

Witness my hand and notarial seal, this 9th day of March, 2026

Notary: Josephine H. Lewis

My Commission expires 11-9-2029.



Community Meeting

March 26, 2026, 7:00 PM

Currituck County Library
4261 Caratoke Hwy, Barco, NC 27917

Meeting to discuss application for a Special Use Permit
to excavate a 12.11-acre pond on this property.

For information, contact Jennings Smith 252-421-0617

Notice of this meeting is in reference to UDO Section 2.3.5.C Voluntary Hearing Procedure.

Community Meeting

March 26, 2026, 7:00 PM

Currituck County Library
4261 Caratoke Hwy, Barco, NC 27917

C

Meeting to discuss application for a Special Use Permit
to excavate a 12.41-acre pond on this property

For information, contact Jennings Smith 252-421-0617

Notice of this meeting is in letter to USG Section 2.3.8.1.1. and is a required procedure.

cc: JPS

Landowners Within 1500 ft of K & S Mine North Subject Parcels				
Notified by USPS Certified Mail for SUP Required Community Meeting				
Name-1	Name-2	Mailing Address	City, State, Zip	Tracking Labels
Jerry W Wright	Thomas C Wright	PO Box 24	Jarvisburg, NC 27947	9589 0710 5270 2349 9005 50
Co-Partners of Jarvisburg, LLC		PO Box 24	Jarvisburg, NC 27947	9589 0710 5270 2349 9005 43
Metropolitan Designs Inc		1637 Preston Grove Ave	Cary, NC 27513	9589 0710 5270 2349 9005 36
James Michael Doxey		PO Box 23	Aydlett, NC 27916	9589 0710 5270 2349 9005 29
Holly Bronder	Steven Bronder	5590 Park Rd	Crozet, VA 22932	9589 0710 5270 2349 9005 12
Joan D Cooper, Trustee		106 Hunter's Trail West	Elizabeth City, NC 27909	9589 0710 5270 2349 9005 05
Adam Bowers Disanto, Trustee		913 Sharon Drive	Chesapeake, VA 23320	9589 0710 5270 2349 9004 99
Carl A Ross	Janet B Ross	PO Box 66	Poplar Branch, NC 27965	9589 0710 5270 2349 9004 82
Barrow Construction of NC, LLC		180 Green View Rd	Moyock, NC 27958	9589 0710 5270 2349 9004 75
Nicholas L Harrison	Melissa D Harrison	104 Amherst Lane, Apt D	Powell's Point, NC 27966	9589 0710 5270 2349 9004 68
Lauren Schultz		PO Box 28	Jarvisburg, NC 27947	9589 0710 5270 2349 9004 51
Charles G Angus	Mary Ellen Angus	PO Box 113	Aydlett, NC 27916	9589 0710 5270 2349 9004 44
Mildred T Quidley, Trustee		5067 Caratoke Hwy	Coinjock, NC 27923	9589 0710 5270 2349 9004 37
NCDOT - Roadside Environmental	Attn: Dennis Robertson	427 Ocean Hwy North	Hertford, NC 27944	9589 0710 5270 2349 9004 20
Jane M Harvey, Raymond P Midgett	c/o Edward Markert	4929 Caratoke Hwy	Coinjock, NC 27923	9589 0710 5270 2349 9004 13
Ronnie Joe Cooper	Mabel Grandy Cooper	PO Box 149	Poplar Branch, NC 27965	9589 0710 5270 2349 9004 06
Dennis Anderson		5650 Caratoke Hwy	Poplar Branch, NC 27965	9589 0710 5270 2349 9002 91

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Co-Partners of Jarvisburg, LLC

PO Box 24

Jarvisburg, NC 27947

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Carl A. Ross

Janet B. Ross

PO Box 66

Poplar Branch, NC 27965

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Jerry W. Wright

Thomas C. Wright

PO Box 124

Jarvisburg, NC 27947

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Adam Bowers Disanto, Trustee

913 Sharon Drive

Chesapeake, VA 23320

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Barrow Construct. of NC, LLC

180 Green View Road

Moyock, NC 27958

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Charles G. Angus

Mary Ellen Angus

PO Box 113

Aydlett, NC 27916

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Lauren Schultz
PO Box 28
Jarvisburg, NC 27947

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893 Watertly Road
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Jennie Turner, Asst. Director
Currituck Planning & Insp.
153 Courthouse Rd., Ste. 110
Currituck, NC 27929

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Commissioner Tony
Breathwaite
189 Providence Road
Moyock, NC 27958

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Currituck Planning & Insp.
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Currituck, NC 27929

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Commissioner Tony Angell
103 Scottie Lane
Knotts Island, NC 27950

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Metropolitan Designs Inc.

Attn: Emmett W. Caldwell

1637 Preston Grove Ave.

Cary, NC 27513

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Joan D. Cooper, Trustee

106 Hunter's Trail West

Elizabeth City, NC 27909

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Dennis Anderson

5650 Caratoke Hwy

Poplar Branch, NC 27965

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Holly Bronder

Steven Bronder

5590 Park Road

Crozet, VA 22932

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Nicholas L. Harrison

Melissa D. Harrison

104 Amherst Lane, Apt. D

Powell's Point, NC 27966

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James Michael Doxey

PO Box 23

Aydtlett, NC 27916

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☐ Return Receipt (electronic)	\$
☐ Certified Mail Restricted Delivery	\$
☐ Adult Signature Required	\$
☐ Adult Signature Restricted Delivery	\$

Postage \$

Total Postage and Fees \$

Sent To

Street and Apt. No., or P.O. Box No. _____

City, State, ZIP+4® _____

NCDOT – Roadside Environ.
Attn: Dennis Robertson
427 Ocean Hwy. North
Hertford, NC 27944

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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AYDLETT, NC 27916

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☐ Adult Signature Required	\$
☐ Adult Signature Restricted Delivery	\$

Postage \$

Total Postage and Fees \$

Sent To

Street and Apt. No., or P.O. Box No. _____

City, State, ZIP+4® _____

Mildred T. Quidley, Trustee
5067 Caratoke Hwy.
Coinjock, NC 27923

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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Postage \$

Total Postage and Fees \$

Sent To

Street and Apt. No., or P.O. Box No. _____

City, State, ZIP+4® _____

Jane Harvey, Raymond Midgett
c/o Edward Markert
4929 Caratoke Hwy.
Coinjock, NC 27923

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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Postage \$

Total Postage and Fees \$

Sent To

Street and Apt. No., or P.O. Box No. _____

City, State, ZIP+4® _____

Commissioner Michael H.
Payment
117 Barefoot Lane
Grandy, NC 27939

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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☐ Adult Signature Restricted Delivery	\$

Postage \$

Total Postage and Fees \$

Sent To

Street and Apt. No., or P.O. Box No. _____

City, State, ZIP+4® _____

Jennings Smith
100 Greenville Street
Kill Devil Hills, NC 27948

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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☐ Adult Signature Restricted Delivery	\$

Postage \$

Total Postage and Fees \$

Sent To

Street and Apt. No., or P.O. Box No. _____

City, State, ZIP+4® _____

Ronnie Joe Cooper
Mabel Grandy Cooper
PO Box 149
Poplar Branch, NC 27965

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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☐ Certified Mail Restricted Delivery \$

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☐ Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees

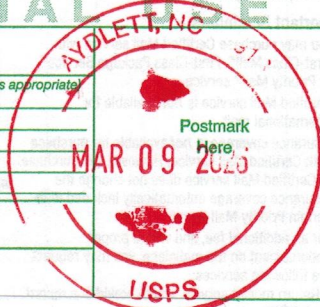
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Street and Apt. No., or P.O. Box

City, State, ZIP+4®

Commissioner Selina S. Jarvis
314 Reggie Owens Drive
Harbinger, NC 27941

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Postage

Total Postage and Fees

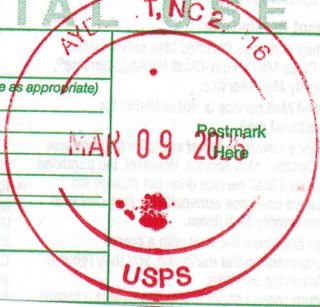
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Street and Apt. No., or P.O. Box

City, State, ZIP+4®

Commissioner Kevin E. McCord
119 Brumsey Landing
Moyock, NC 27958

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions



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Total Postage and Fees

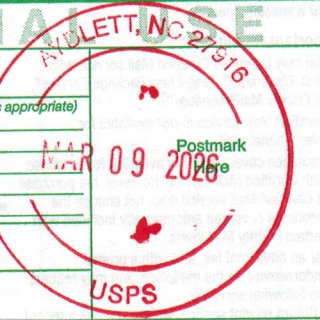
Sent To

Street and Apt. No., or P.O. Box

City, State, ZIP+4®

Commissioner Janet Rose
212 Poyner's Road
Moyock, NC 27958

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions



Jennings Smith Community Meeting - Currituck County Public Library, Barco, NC - March 26, 2026, 7:00 PM

Commissioners	Signature
Comm. Paul O'Neal	
Comm. Selina Jarvis	
Comm. Michael Payment	
Comm. Tony Angell	
Comm. Tony Breathwaite	
Comm. Kevin McCord	
Comm. Janet Rose	

Landowner	
Thomas C. Wright	
Jerry W. Wright	

County Planning Officials	Signature
Bill Newns	
Jennie Turner	
Jason Litteral	
Millicent Ott	
Jovita Hood	
Patrick Leary	

K & S Development, LLC	
Jennings Smith	
Stephen King, Jr.	

[illegible]

K&S Mine North – Discussion Agenda

Purpose of this meeting.

Sand Pit identification & details:

- Acreages – excavation, permit area.
- Depth of excavation.
- Distances, buffers, and setbacks.
- Access road.
- Security.
- Length of use.
- Waterfowl impoundments.

Permits

- State permits.
 - DEMLR - Land Resources – Mining permit.
 - NPDES / State Stormwater – Dewatering permit.
 - DWR - Water Resources – Water Usage Registration.
- County Use Permit.

Dewatering the sand pit:

- Dewatering pump.
- Sediment pond.
- Monitoring wells.
- Noise.
- Bond.
- Water quality testing.

Reclamation:

- Removal of equipment.
- Groundcover and sloping.

Further considerations:

- Hours of operation.
- Personnel on premises.
- Signage.
- Dust & burning.

Buildings & equipment on premises.

- Fuel storage.
- Mining Equipment.

INTRODUCTION OF SPEAKERS

STATEMENT

In North Carolina, whenever a person or corporation wants to excavate a pond or pit with acreage of disturbed land of one acre or more, the State requires that person or corporation to acquire permits issued by the NC Dept. of Environmental Quality. These permits allow the mine to operate under regulations to ensure no impact on neighboring lands or the environment. Currituck County also regulates mining activity in the county through ordinances in the Unified Development Ordinance and the County Land Use Plan

The purpose of this meeting is to inform nearby landowners about an application by Mr. Jennings Smith, partner in K & S Development, LLC, of Manteo for a Currituck County Special Use Permit to excavate a 12.11- acre pond at 5243 Caratoke Highway behind the Muddy Motor Sports Park on land owned by Jerry & Tommy Wright, of Jarvisburg. Mr. Smith will be the operator of the mine. A Special Use Permit is required to excavate any pond over one acre in size in Currituck County.

During this meeting, the project proposal will be explained, and you will be given the opportunity to express comments & concerns about the application. A meeting summary will be submitted to Currituck County Planning and will be made available to the public for inspection.

Any person attending the community meeting may submit a written response to Currituck County Planning within 30 days after the permit application has been submitted and determined complete. All written responses will be included with the permit application documents.

DEVELOPMENT PROPOSAL

The excavation will be titled K & S Mine North and will have an average depth of 30 feet below natural ground level with a maximum depth of 35 feet. Access to the pond will be by private gated access road from Caratoke Highway.

Total permit area for the K & S Mine North will be 44.48 acres which includes three existing waterfowl impoundments. The finished pond will have an excavated acreage of 12.11 acres, within an approved affected area of 19.71 acres. Unbonded acreage of 24.77 acres will include property line, right-of-way, and residential setbacks, and the existing impoundments.

The western boundary of the affected area will be located 1060 feet from the Caratoke Highway right-of-way. The northern and southern boundaries of the affected area will be located 130 feet and 750 ft from adjacent parcel lines. Closest residence is 4500 ft northward, and the NCDOT Rest Center is located 1500 ft westward.

Access to the mine site will be a 30-ft wide by 1008-ft long gated dirt and asphalt road, of which

the first 24 x 200 feet will have continuous pavement.

Mine activity will be screened from public view and Caratoke Highway by an 8-ft-tall berm across the entire western permit boundary. Full growth woodland will screen the remainder of the permit area.

Barring any problems, the operator plans to complete excavation within approximately 10 years. Excavated sand will be stockpiled inside the permit area until sold and removed.

To excavate the mine to its full permitted depth, the operator will dewater the excavation into an existing 0.86-acre water distribution pond adjacent north to the excavation area which serves to circulate and disperse water through ditches to the three existing waterfowl impoundments owned by the Wrights. Water will also be conveyed through ditches draining to Muddy Motor Sports for their purposes there.

The impoundments will serve as sediment ponds for the mining activity. If an impoundment is filled with water beyond what is needed, water can either be directed to one of the other impoundments or can overflow to the swamp through one of two existing overflow discharge points located in two of the impoundments. The overflow points are permitted and regulated by State and Federal NPDES permits. Overflow water will drain eastward to Maple Swamp and then northward to Currituck Sound.

Dewatering pump will be located between the excavation area and the distribution pond. Pump will be operating at 1100 – 1200 rpm intermittently as needed to lower the water level in the excavation approximately 20 ft below natural ground level, pumping approximately 130 gallons/minute, 96,000 gals per day.

Water samples will be taken from the impoundment discharge points quarterly if they are active and tested for pH, turbidity, TSS, chlorides and Enterococcus, per Federal, State, and County required testing. Equipment noise levels will be monitored at property boundaries monthly.

Primarily because of the long distance from nearby homes, Mr. Smith does not anticipate problems with any homeowner's water wells from dewatering activity at the mine. Closest residence is 4500 ft from the mine site.

Lastly, when the K & S Mine North excavation is complete, dewatering for mining purposes will be discontinued, allowing groundwater to refill the main excavation back to normal high ground water level. The pump itself will remain to provide water to the waterfowl impoundments as needed.

Reclamation of the affected lands around the excavation will include removing all stockpiles and berms, grading and levelling the land, and establishing groundcover per State guidelines. During the life of the permit the operator will maintain a reclamation bond of \$23,600 with the State to guarantee correct reclamation of the affected land.

After reclamation, the remaining pit will become a 12.11-acre pond, utilized for environmental habitat and as a water source for the landowner's waterfowl impoundments.

All trucks hauling mined sand will use the paved mine access road entrance to Caratoke Highway and excavated materials will be covered with a tarpaulin when they extend above the raised board of the truck.

No waste, whether bulk, hazardous, commercial, construction, or demolition waste will be brought onto the site from outside the permit area.

"No Trespassing" signs will be posted around the mining area perimeter every 250 feet. The mine access road will have a locking gate or cable to help prevent inadvertent public entry.

Hours of operation will be Monday through Saturday, sunrise to sunset. The K & S Mine North will be closed every Saturday from Memorial Day through Labor Day, and every Sunday year-round.

A sign will be posted at the access road entrance with the operator's name, telephone number and basic permit information.

On a yearly basis, the operator anticipates an average of no more than 4-5 people will be present for excavation purposes on site at any given time. Vehicular traffic will be minimal, operator anticipates a maximum of 20 trucks per day transporting sand. The last traffic survey by NCDOT in 2024 on Caratoke Highway in the Poplar Branch area showed an annual average daily traffic count of 17,500 vehicles.

Noise from loaders and excavators will be mitigated by presence of sand berms and foliage along perimeter of sand mine, and distance from nearest residences or public roads. The dewatering pump will be located 4500 feet from closest residence and will be surrounded by berms or below ground level, running at idle speed.

The proposed mine site will be in a former cultivated field area. No land clearing or burning will be necessary to prepare the area for excavation.

Dust from the access road will be controlled by 5mph maximum speed limit for haul trucks on the premises, and application of water to roads to help minimize dust. Topsoil stockpile areas will be

stabilized with groundcover to reduce wind and water erosion.

No explosives will be used during excavation of the mine.

A portable above-ground off-road diesel fuel storage tank will be located near the dewatering pump for fuel supply of the pump and mining equipment. The fuel storage tank will be standard 1000-gal double-wall steel tank with secondary containment to prevent fuel spillage.

Drainage patterns of the area will not be altered to cause flooding off-site while the permit is valid and after reclamation.

An NCDEQ Division of Energy, Mineral & Land Resources Mining Permit Application and an NPDES Notice of Intent General Permit Application for dewatering have been submitted and are in process of approval. No mining activity will occur until all Federal, State and County permits are approved.

The proposed mining operation should not negatively affect or impact the ability of Currituck County to provide public services. There will be no permanent buildings or structures in the mine permit area. One temporary office trailer will be located on premises on the north side of the permit area.

After submission of the K & S Mine North Special Use Permit application to Currituck County Planning & Inspections Department, the application will be reviewed by Planning staff for completeness, then the application will be sent to the Technical Review Committee for review & comments. When completed, an evidentiary public hearing will then be scheduled before the Board of Commissioners for approval or denial of the special use permit application. The public will be notified by public notice, and adjacent landowners will be notified by mail of the hearing.

Two more community meetings for this project will be held online by Zoom.

- **First meeting will be Friday, March 27 at 10:00 am; meeting link is**
<https://tinyurl.com/kands-1>.
- **Second meeting will be Friday, March 27 at 4:00pm; meeting link is:**
<https://tinyurl.com/kands-2>. These meetings are open to all interested parties.

Mr. Jennings Smith appreciates your consideration of his application to excavate the K & S Mine North and looks forward to cooperating with adjacent landowners to resolve any issues or questions that they may have.

At this time, I will ask the operator, Jennings Smith, to provide any comments he may have after which there will be a general question and answer period.

Jerry W. Wright
Thomas C. Wright
PO Box 124
Jarvisburg, NC 27947

Lauren Schultz
PO Box 28
Jarvisburg, NC 27947

Commissioner Tony Angell
103 Scottie Lane
Knotts Island, NC 27950

Co-Partners of Jarvisburg, LLC
PO Box 24
Jarvisburg, NC 27947

Charles G. Angus
Mary Ellen Angus
PO Box 113
Aydlett, NC 27916

Commissioner Selina S. Jarvis
314 Reggie Owens Drive
Harbinger, NC 27941

Metropolitan Designs Inc.
Attn: Emmett W. Caldwell
1637 Preston Grove Ave.
Cary, NC 27513

Mildred T. Quidley, Trustee
5067 Caratoke Hwy.
Coinjock, NC 27923

Commissioner Kevin E. McCord
119 Brumsey Landing
Moyock, NC 27958

James Michael Doxey
PO Box 23
Aydlett, NC 27916

NCDOT – Roadside Environ.
Attn: Dennis Robertson
427 Ocean Hwy. North
Hertford, NC 27944

Commissioner Michael H. Payment
117 Barefoot Lane
Grandy, NC 27939

Holly Bronder
Steven Bronder
5590 Park Road
Crozet, VA 22932

Jane Harvey, Raymond Midgett
c/o Edward Markert
4929 Caratoke Hwy.
Coinjock, NC 27923

Commissioner Janet Rose
212 Poyner's Road
Moyock, NC 27958

Joan D. Cooper, Trustee
106 Hunter's Trail West
Elizabeth City, NC 27909

Ronnie Joe Cooper
Mabel Grandy Cooper
PO Box 149
Poplar Branch, NC 27965

Commissioner Tony Breathwaite
189 Providence Road
Moyock, NC 27958

Adam Bowers Disanto, Trustee
913 Sharon Drive
Chesapeake, VA 23320

Jennings Smith
100 Greenville Street
Kill Devil Hills, NC 27948

Dennis Anderson
5650 Caratoke Hwy
Poplar Branch, NC 27965

Carl A. Ross
Janet B. Ross
PO Box 66
Poplar Branch, NC 27965

Bill Newns, Director
Currituck Planning & Inspections
153 Courthouse Rd., Ste. 110
Currituck, NC 27929

Barrow Construction of NC, LLC
180 Green View Road
Moyock, NC 27958

Jennie Turner, Asst. Director
Currituck Planning & Inspections
153 Courthouse Rd., Ste. 110
Currituck, NC 27929

Nicholas L. Harrison
Melissa D. Harrison
104 Amherst Lane, Apt. D
Powell's Point, NC 27966

Commissioner Paul O'Neal
893 Waterlily Road
Coinjock, NC 27923

Elliott Consulting

202 Elliott Road
PO Box 112
Aydlett, North Carolina 27916
Phone: 252-339-9021

► **Adam Parr**

NC Department of Environment and Natural Resources
Division of Energy, Mineral and Land Resources
Land Quality Section
1612 Mail Service Center
Raleigh, North Carolina 27699-1612

Subject: K & S Mine North – Permit Application

Dear Mr. Parr:

On behalf of Mr. Jennings Smith, Elliott Consulting is requesting review of an Application for a Mining Permit for a new mine operation slated for development in Poplar Branch Township, Currituck County, North Carolina. The operation is referred to as the K & S Mine North based on company ownership preference and includes a total permit area of 44.48 acres.

The following documents are enclosed to support the Application (6 copies of each):

- Mining Permit Application
- \$5,930 permit Processing Fee
- Mine and Reclamation maps with Adjoinder and construction details
- USGS Quad Site Map
- Copy of Application for NCG020000 coverage for proposed dewatering activities
- Copy of NCDEQ DWR Registration Application for Water Usage

We respectfully ask for your review of the above-listed enclosures as they support the requested mining permit application for the proposed K & S Mine North excavation. Should you have any questions or need any additional information, please do not hesitate to contact me. We thank you for your time and review of this request.

Regards,



Ken Elliott
Elliott Consulting
2/8/2026

**NORTH CAROLINA MINING
PERMIT APPLICATION**

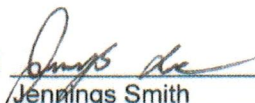
State of North Carolina
Department of Environmental Quality
Division of Energy, Mineral, and Land Resources

1612 Mail Service Center
Raleigh, NC 27699-1612
(919) 707-9220

NOTE: It is recommended that you contact the appropriate Regional Office or the Raleigh Central Office for a PRE-APPLICATION MEETING to discuss your intentions and address any questions.

1. Name of Mine	K & S Mine North		
County	Currituck	River Basin	Pasquotank
Latitude (decimal degrees to four places)	36.309656 N		
Longitude (decimal degrees to four places)	-75.927509 W		
2. Name of Applicant	Jennings Smith		
Applicant Contact	Jennings Smith	Consultant Contact	Ken Elliott
Applicant Email	jsmithland1221@icloud.com	Consultant Email	ken@kenobx.com
Telephone	252-421-0617	Telephone	252-339-9021
Cell Phone	252-421-0617	Cell Phone	252-339-9021
3. Permanent Address for Receipt of Official Mail**	PO Box 2025, Manteo, NC 27954		
4. Mine Office Address	5243 Caratoke Hwy., Poplar Branch, NC 27965		
5. Mine Manager	Jennings Smith		
Mine Manager Email	jsmithland1221@icloud.com		
Telephone	252-421-0617	Cell Phone	252-421-0617

I certify that all details contained in this permit application are true and correct to the best of our knowledge. We fully understand that any willful misrepresentation of facts will be cause for permit revocation.

Signature*** 
Print Name Jennings Smith
Title Operator

Date 01/26/2026

*This will be the name that the mining permit will be issued to and the name that must be indicated on the reclamation bond (security) that corresponds to this site.

**The Division of Energy, Mineral, and Land Resources must be notified of any changes in the permanent address or telephone number.

***Signature of company officer required.

G.S. 74-51 provides that the Department shall grant or deny an application for a permit within 60 days of receipt of a complete application or, if a public hearing is held, within 30 days following the hearing and the filing of any supplemental information required by the Department. All questions must be addressed, and all required maps provided before this application can be considered complete. Attach additional sheets as needed.

**NORTH CAROLINA MINING
PERMIT APPLICATION**

State of North Carolina
Department of Environmental Quality
Division of Energy, Mineral, and Land Resources

1612 Mail Service Center
Raleigh, NC 27699-1612
(919) 707-9220

NOTE: All the following questions must be thoroughly answered regarding your mining operation for the intended life of the mine. All responses must be clearly conveyed on a corresponding, detailed mine map.

A. GENERAL CHARACTERISTICS OF THE MINE

1. Answer all the following that apply:



This is an application for a **NEW** permit.

Indicate the total acreage at the site to be covered by the permit 44.48 acres

(This is the acreage the new permit fee will be based upon.)

Of this acreage, how much is owned and how much is leased?

Acres owned: _____ Acres leased: 44.48

Property owner if leased: Jerry & Thomas Wright



This is an application for a **MODIFICATION** to a mining permit.

Mining Permit Number: _____ Total permitted acreage: _____

Does the modification involve acreage within the previously approved permitted boundary?

☐ YES

☐ NO

If yes, indicate the acreage to be covered by this modification _____

Does the modification involve acreage outside the previously approved permitted boundary?

☐ YES

☐ NO

If yes, indicate the additional acreage to be covered by this modification _____

NOTE: You must complete all of Section F of this application form entitled Notification of Adjoining Landowners

Of the acreage to be added to the permit, will any portion be affected (i.e.: disturbed, ground cover removed) by the mining operation?

☐ YES

☐ NO

If yes, indicate the acreage to be affected within the acreage to be added to the permit _____

The modification fee is based upon the proposed new affected acreage within the previously approved permitted boundary **plus** the proposed total acreage to be added outside the previously approved permitted boundary.



This is an application for **TRANSFER** of a mining permit.

Mining Permit Number: _____ Total permitted acreage: _____

**NORTH CAROLINA MINING
PERMIT APPLICATION**

State of North Carolina
Department of Environmental Quality
Division of Energy, Mineral, and Land Resources

1612 Mail Service Center
Raleigh, NC 27699-1612
(919) 707-9220

MINING FEE SCHEDULE

A nonrefundable permit application processing fee when filing for a new mining permit, permit modification, or transferred permit is required as follows:

APPLICATION TYPE	0 – 25 ACRES	26+ ACRES
New Permit Applications	\$4,448.00	\$5,930.00
Permit Modifications	\$890.00	\$1,186.00
Permit Transfers	\$119.00	\$119.00
Annual Operating Fee	\$474.00	\$474.00

Acres for new permits means the total acreage at the site to be covered by the permit. Acres for modification of permits means the new affected acres within the previously approved permitted boundary plus the proposed total acreage to be added outside the previously approved permitted boundary.

2. Name of all materials mined: _____

3. Mining Method:

☐ Hydraulic Dredge

☒ Front-end Loader & Truck

☒ Shovel & Truck

☒ Dragline & Truck

☒ Self-loading Scraper

☒ Excavator & Truck

☐ Other (please explain): _____

4. Expected maximum depth of mine (feet) 35

Depth is relative to what benchmark? (e.g., natural ground level, mean seal level, road elevation, etc.):

Natural ground level.

Expected average depth of mine (feet) 30

5. Has any area at this site been mined in the past?

YES ☒

NO ☐

If yes, when and by whom was this activity conducted? 2025, Jennings Smith, 1-acre pond.

6. Estimated life of the operation (years): 10

NOTE: The Department may request clarification on how life of mine was calculated.

**NORTH CAROLINA MINING
PERMIT APPLICATION**

State of North Carolina
Department of Environmental Quality
Division of Energy, Mineral, and Land Resources

1612 Mail Service Center
Raleigh, NC 27699-1612
(919) 707-9220

B. MAPS

1. Clearly mark and label the location of your mining operation on **six (6) copies** of a 7.5-minute quadrangle and a county highway map. These maps, in addition to **six (6) copies** of all mine maps and reclamation maps, must be submitted with each permit application.

7.5-minute quadrangles may be obtained from the N.C. Geological Survey:

Mailing Address

1612 Mail Service Center
Raleigh, NC 27699-1612
http://portal.ncdenr.org/web/lr/geological_home

Physical Address

512 N. Salisbury St., 5th Floor
Raleigh, NC 27604
(919) 733-2423

County highway maps may be obtained from the N.C. Department of Transportation:

Mailing Address

NCDOT GIS Unit
1587 Mail Service Center
Raleigh, NC 27699-1587
<http://www.ncdot.org/it/gis>

Physical Address

NCDOT GIS Unit
3401 Carl Sandburg Court
Raleigh, NC 27610
(919) 212-6000

2. A table/chart must be provided on the mine map that clearly lists the approximate acreage of tailings/sediment ponds, stockpiles, waste piles, processing areas/haul roads, mine excavations and any other major aspect of the mining operation that is proposed to be affected/disturbed during the life of the mining permit. A table/chart similar to the following will be acceptable:

AFFECTED ACREAGE TABLE:

For **new** permits, complete only the total affected acreage column.

For **modifications**, complete all columns.

CATEGORY	CURRENT AFFECTED ACREAGE	PROPOSED CHANGE TO AFFECTED ACREAGE	TOTAL AFFECTED ACREAGE
Tailings/Sediment Ponds			
Stockpiles			2.06
Waste piles			
Processing Areas/Haul Roads			1.75
Mine Excavations			12.11
Other (Please explain) Unexcavated Buffers			4.02
Total Affected Acreage			19.94
Total Permitted Acreage			44.71

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3. Mine maps must be accurate and appropriately scaled drawings, aerial photographs, or enlarged topographic maps of the entire mine site. **All aspects of the mine site must be clearly labeled on the maps along with their corresponding (approximate) acreage. Thus, all mine and reclamation maps must denote those activities that are intended to be conducted during the life of the mining permit.** All maps must be of a scale sufficient to clearly illustrate the following, at a minimum:
- a) Property lines of the tract or tracts of land on which the proposed mining activity is to be located including easements and rights-of-way.
 - b) Existing or proposed permit boundaries with geographic controls (e.g. metes and bounds, coordinates) labeled
 - c) Initial and ultimate limits of clearing and grading
 - d) Outline and width of all buffer zones (both undisturbed and unexcavated)
 - e) Outline and acreage of all pits/excavations
 - f) Outline and acreage of all stockpile areas
 - g) Outline and acreage of all temporary and/or permanent overburden disposal areas
 - h) Location and acreage of all processing plants (may be described as to location and distance from mine if sufficiently far removed)
 - i) Locations and names of all streams, rivers, and lakes
 - j) Outline and acreage of all settling and/or processing wastewater ponds
 - k) Outline and acreage of all planned and existing access roads and on-site haul roads
 - l) Location of planned and existing on-site buildings
 - m) Location and dimensions of all proposed sediment and erosion control measures
 - n) Location of 100-year floodplain limits and wetland boundaries
 - o) Names of owners of record, both public and private, of all tracts of land that are adjoining the mining permit boundary; if an adjoining tract is owned or leased by the applicant or is owned by the lessor of the mine tract, names of owners of record of tracts adjoining these tracts that are within 1,000 feet of the mining permit boundary must be provided on the mine map.
 - p) Names of owners of record, both public and private, of all tracts of land that are adjoining the mining permit boundary which lie directly across and are contiguous to any highway, creek, stream, river, or other watercourse, railroad track, or utility or other public right-of-way. If an adjoining tract is owned or leased by the applicant or is owned by the lessor of the mine tract, names of owners of record of tracts adjoining these tracts, that are within 1,000 feet of the mining permit boundary, must be provided on the mine map(s). NOTE: "Highway" means a road that has four lanes of travel or less and is not designated as an Interstate Highway.
 - q) Map legend
 - 1) Applicant name
 - 2) Mine name
 - 3) North arrow
 - 4) County
 - 5) Scale
 - 6) Symbols used and corresponding names
 - 7) Date prepared and revised
 - 8) Name and title of person preparing map

Map scales should meet the following guidelines:

PERMITTED ACREAGE	MAP SCALE
0 – 49 acres	1" = 50'
50 – 199 acres	1" = 100'
200+ acres	1" = 200'

NOTE: Smaller scaled maps may be acceptable if they clearly illustrate the above items.

NOTE: In addition to the above, the maps must also include any site-specific information that is provided in the answers to the following questions (*italicized questions/statements*) in this application form. This application will not be considered complete without all relevant items being adequately addressed on the mine maps.

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C. PROTECTION OF NATURAL RESOURCES

1. Describe in detail the sequence of events for the development and operation of the mine and *reference the sequence to the mine map(s)*. Attach additional sheets as needed.

See Addendum-1 attached.

2. Describe specific erosion control measures to be installed prior to land disturbing activities and during mining to prevent offsite sedimentation (*include specific plans for sediment and erosion control for mine excavation(s), waste piles, access/mine roads, and process areas*), and give a detailed sequence of installation and schedule for maintenance of the measures. *Locate and label all sediment and erosion control measures on the mine map(s) and provide typical cross-sections/construction details of each measure.* Engineering designs and calculations are required to justify the adequacy of any proposed measures.

a. Operator will construct 2ft tall x 10ft wide (2:1) vegetated berm for erosion control along the south perimeter of the affected areas. Other areas protected by existing berms.

b. Operator will construct 200-ft long paved construction entrance at intersection of pond access roads and US 158 Caratoke Hwy.

3. A) Will the operation involve washing the material mined, recycling process water, or other wastewater handling?

☐ YES

☒ NO

If yes, briefly describe all such processes including any chemicals to be used.

Not applicable.

- B) Will the operation involve discharging fresh or wastewater from the mine or plant as a point discharge to the waters of the State?

☒ YES

☐ NO

If yes, briefly describe the nature of the discharge and locate all proposed discharge points (along with their method of stabilization) on the mine map(s).

Operator will utilize existing 0.75-acre pond adjacent to excavation for initial sediment pond. This pond will distribute water to 3 existing waterfowl impoundments which will overflow upon need through 2 overflow devices, controlled by operator. Impoundments will overflow to 2 ditches leading to adjacent swamp wetlands.

Operator will dewater the excavation down approximately 20 feet below natural ground level into the sediment pond & impoundments. Discharge water will be monitored quarterly at the impoundment outfalls for sediment until the end of excavation and de-watering. Purpose of excavation is to provide water to three waterfowl impoundments adjacent to excavation area. Impoundments will overflow only occasionally through two water height controls to adjacent swamplands.

C. Protection of Natural Resources

1. Sequence of Events for Development and Operation:

- a. Operator will obtain all required mining permits from NCDEQ.
- b. Operator will construct one 200-ft long x 24-ft wide paved construction entrance joining intersection of mine access roads and US 158 Caratoke Highway.
- c. Mine will be in a field 500 feet behind Muddy Motor Sports park behind 8-ft tall berm. Operator will construct a locking gate located across the access road entrance to mine activity area, shown on map.
- d. Operator will remove topsoil down to 2.5 feet below natural ground level, and stockpile overburden for use in erosion control berms.
- e. Operator will construct a 2-ft tall x 10-ft wide (2:1) vegetated berm for erosion control along the south border of the affected areas. Other areas are already protected and screened by existing berms and foliage.
- f. Operator will maintain existing foliage and cultivated field visual screen along perimeter of the affected area.
- g. Purpose of mine excavation is to provide water for landowner's waterfowl impoundments and as water source for the adjacent Muddy Motor Sports Park.
- h. Operator will utilize an existing 0.75-acre pond (100-ft wide x 300-ft long) 25 feet north of the main excavation as a distribution pond for dewatering the main excavation. Operator will dewater excavation into this pond and then water will flow and be distributed to 3 waterfowl impoundments via ditches and culverts controlled by the operator. Water will also be distributed to a dead-end supply ditch used as water source by Muddy Motor Sports.
- i. The three existing waterfowl impoundments will serve as sedimentation ponds for the 12.1-acre excavation. The impoundments are designated as Impoundment Pond A, 5.71 acres, Impoundment Pond B, 9.78 acres, and Impoundment Pond C, 3.15 acres. The impoundments are connected by existing interconnecting ditches, have 6-ft tall surrounding foliated berms, and are fully foliated in their centers. Water flow between the impoundments is controlled with gate-valve culverts by the landowner.
- j. Operator will maintain two existing half-pipe riser overflows at the southeast corners of waterfowl impoundments B and C, connected to a minimum 18-in PVC pipe leading to existing ditches draining to adjacent Maple Swamp wetlands and then 3 miles to Currituck Sound.

- k. Operator will install dewatering pump between north end of excavation and south end of the distribution pond. Dewatering pump will be 8-in Godwin Dri-Prime model running at 1200 rpm with 8,000 gallons per hour flow through buried PVC pipe into the distribution pond. Pump will operate intermittently for average 12 hours per day upon need.
- l. Operator will install an additional dewatering pump between southeast end of excavation and west side of the Impoundment Pond B to be used upon need. Dewatering pump will be 8-in Godwin Dri-Prime model running at 1200 rpm with 8,000 gallons per hour flow through buried PVC pipe into the impoundment pond. Pump will operate intermittently for average 12 hours per day upon need.
- m. Operator will begin excavation of the 12.1-acre main pond approximately 25 feet south of the existing sediment pond by digging with excavator and removing sand & topsoil to maximum depth feasible without dewatering the excavation.
- n. Operator will dewater main excavation into the distribution pond; water will flow to impoundments by ditches and culverts; overflow water will discharge from waterfowl impoundments upon need through PVC discharge pipe into ditches leading to Maple Swamp and Currituck Sound. Operator will dewater main excavation down approximately 20 feet below normal groundwater level.
- o. 3:1 cut slopes will be constructed around excavation edge down to normal groundwater level. As water is removed from excavation, 2:1 cut slopes will be constructed below normal groundwater level around excavation edge.
- p. Pond will be excavated to average 30 feet and maximum 35 feet below natural ground level while dewatering is maintained. Excavated material (sand) will be stockpiled in unexcavated portions of proposed excavation area. Sand will be loaded onto trucks and removed from area via paved construction entrance to Caratoke Highway.
- q. When final excavation of pond is complete, dewatering for mining purposes will be discontinued. Pump will be shut down and removed, and discharge pipe will be removed. Groundwater will refill the excavation to normal seasonal high groundwater level.
- r. After all excavation is complete, operator will establish groundcover on 3:1 above-water slopes of excavation and will construct 8-ft wide 4:1 berm around excavation edge to prevent erosion of pond slopes, with outside edge of berm graded down to natural ground level.
- s. Former stockpiles, berms, truck loading areas, and other material handling

areas outside of excavation will be graded, leveled, and seeded with groundcover. Areas will be allowed to return to previous non-erosive field state.

- t. Internal roadways and haul roads will be graded, leveled, seeded with groundcover, and allowed to return to natural field state. A field path will remain around the perimeter of the excavated pond.
- u. Remaining affected areas inside main permit area will be fertilized and returned to natural field state.
- v. Remaining pond and waterfowl impoundments will be utilized by landowners for scenic & recreational purposes, and for wildlife habitats.

2. Sequence of Events for partial filling of Excavation

- a. Operator will acquire clean soil brought onto the site by outside contractors from nearby US Hwy 158 road projects and/or Currituck Sound Bridge construction.
- b. Operator will begin filling 325' width of south end of the excavated 12.1-acre pond (1420' x 260') with clean fill soil until surface height reaches that of surrounding existing natural ground level.
- c. Source of soil will be from various offsite locations used by outside contractors contracted to Jennings Smith who need removal of unneeded clean soil from their location. Additional source of clean fill soil will be from contractors constructing nearby Currituck Sound Bridge. Jennings Smith personnel will also bring in clean soil fill from their outside contracted jobs in the area.
- d. Soil fill will be free of contamination from metal, plastic, rubber, wood or wood by-products, asphalt, concrete, land clearing debris, construction and demolition debris, medical waste, or municipal solid waste.
- e. All soil brought into the K & S Mine North site will be generated from properties where there has been no known release of contaminants, and that is generally approved for unrestricted use.
- f. No soil will be accepted from offsite properties contaminated by the release or migration of contaminants.
- g. Clean soil will be transferred to and stockpiled along the southern top edge of the K & S Mine North excavation, where it will be leveled and then pushed into the pond with bulldozer and excavator.
- h. As soil is placed in the pond, excavators, bulldozers, and other heavy equipment will compact the soil to form a firm base.
- i. Over a length of time determined by market conditions, estimated to be

several years, Jennings Smith personnel will continue to fill the pond up to a maximum of three acres, with clean soil up to surrounding normal ground level, working their way across the width of the excavation, and compacting the soil as they go.

- j. Water level in unfilled portions of the pond is expected to remain the same during the life of the filling period due to the relatively small amounts of filled soil compared to size of the pond and length of time taken to fill the pond. Pond water should have time to percolate naturally into groundwater level as filling occurs.
- k. If necessary, operator will pump remaining water from the excavation to prevent overflowing around pond edges during the filling operation. Pumped water will be transferred to existing waterfowl impoundments east of the excavation. These impoundment ponds will have an active NPDES COC permit at the time of filling and have permitted overflow and discharge to Waters of the State.
- l. Soil fill brought into the site will be regulated by Jennings Smith personnel who will monitor the soil for contaminants that are not acceptable as beneficial fill at K & S Mine North.
- m. Once the southern 3-acre portion of the excavation has been filled with soil up to the same level as that of normal surrounding ground level, Jennings Smith personnel will continue adding soil to the top of the fill and form a 2-ft tall, ridged mound in the center of the former excavated area with slopes tapering to natural ground level at the edges. Peak of the ridged mound will be 100 - 200 feet from all former edges of excavation.
- n. All soil placed on the site will be compacted by heavy equipment as excavation fill slopes are formed.
- o. Operator will construct 3:1 slope on the excavation above water level and 2:1 slope below water level where the filled area abuts the remainder of the main excavation.
- p. After construction of the mound and slopes, operator will grade the mound for evenness and then sow groundcover grasses per State guidelines.
- q. All other affected areas inside the permit area will be graded, levelled, and sown with ground cover grasses.
- r. Operator will leave a 12-ft wide dirt field path around the cleared and grassed area.
- s. After reclamation, area will revert to a natural grass area suitable for wildlife habitat.

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C) Will any part of the proposed mine excavation(s) extend below the water table?

☒ YES

☐ NO

If yes, do you intend to dewater the excavation(s)?

☒ YES

☐ NO

Estimated withdrawal rate in gallons per day: 96,000.00

If yes, what impact, if any, will mine dewatering have on neighboring wells? *Locate all existing wells on the mine map(s) that lie within 500 feet of the proposed excavation area.* Provide data to support any conclusions or statement made, including any monitoring well data, well construction data, and current water withdrawal rates. Indicate whether the proposed mine locale is served by a public water system or private wells.

No impact expected. One groundwater well used intermittently by landowner located 400 feet west of excavation. No other wells located within 500 feet of excavation.

D) If you answered yes to any of the above questions, provide evidence that you have applied for or obtained the appropriate water quality permit(s) (i.e., non-discharge, NPDES, Stormwater, etc.) from the Stormwater Program. In addition, the applicant is required to register water use with the Division of Water Resources, Ground Water Management Branch, if the operation withdraws more than 10,000 gallons per day and needs a capacity use permit from the Division of Water Resources, Ground Water Management Branch, if the operation lies in a capacity use area and withdraws more than 100,000 gallons per day.

Operator is applying for NCG02 NPDES General Permit to dewater the excavation. Copy of application is attached. Operator is registering with DWR for water usage, copy of application is attached.

4. A) Will the operation involve crushing or any other air contaminant emissions?

☐ YES

☒ NO

If yes, indicate evidence that you have applied for or obtained an air quality permit issued by the Division of Air Quality or local governing body.

Not applicable.

B) How will dust from stockpiles, haul roads, etc., be controlled?

Spraying or spreading water from water supply trucks or excavator on haul roads and process areas will control dust. Stockpiles will also be sprayed with water weekly if necessary to control dust.

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5. A) A buffer will be required between any mining activity and any mining permit boundary or right-of-way. It may be an unexcavated buffer (no excavation, but roadways, berms, and erosion & sedimentation control measures may be installed within it), an undisturbed buffer (no disturbance within the buffer whatsoever), or a combination of the two, depending upon the site conditions. Note that all buffers must be located within the mining permit boundaries.

How wide a buffer will be maintained between any mining activity and any mining permit boundary or right-of-way at this site? A minimum buffer of 25 feet is recommended, although a wider buffer may be needed depending on site conditions. *Show all buffer locations and widths on the mine map(s).*

25-ft to 50-ft wide unexcavated buffers will be established around all sides of the excavation and active areas.

B) A minimum 50 foot wide undisturbed buffer will be required between any land disturbing activities within the mining permit boundaries and any natural watercourses and wetlands unless smaller undisturbed buffers can be justified. Depending on site conditions, a buffer wider than 50 feet may be needed.

How wide an undisturbed buffer will be maintained between any land disturbing activities within the mining permit boundaries and any natural watercourses and wetlands at this site? *Show all buffer locations and widths on the mine map(s).*

**Existing impoundments will separate mine activity areas from nearby wetlands.
Impoundments will be undisturbed by mining activity.**

6. A) Describe methods to prevent landslide or slope instability adjacent to adjoining permit boundaries during mining. Minimum 2 horizontal to 1 vertical slopes or flatter for clayey material and minimum 3 horizontal to 1 vertical slopes or flatter for sandy material are generally required unless technical justification can be provided to allow steeper slopes.

Exposed excavation slopes will be constructed at a 3:1 gradient during mining.

B) *Provide a cross-section on the mine map(s) for all fill slopes (berms, waste piles, overburden disposal areas, etc.), clearly indicating the intended side slope gradient, installation of any benches and/or slope drains (with supporting design information) if needed, and the method of final stabilization.*

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C) In excavation(s) of unconsolidated (non-rock) materials, specify the angle of all cut slopes including specifications for benching and sloping. *Cross-sections for all cut slopes must be provided on the mine map(s).*

Cut slope from natural ground level to water level will have 3:1 grade, and cut slope from water level to bottom of excavated area will have 2:1 grade.

D) In hardrock excavations, specify proposed bench widths and heights in feet. *Provide cross-sections of the mine excavation clearly noting the angles of the cut slopes, widths of all safety benches and mine benches, and the expected maximum depth of the excavation.*

Not applicable, no hard-rock excavation.

7. Describe other methods to be taken during mining to prevent physical hazard to any neighboring dwelling, house, public road, or public, commercial or industrial building from any mine excavation. *Locate all such structures on the mine map if they are within 300 feet of any proposed excavation.*

No buildings, dwellings, houses, or public roads located within 300 feet of mine excavation.

8. Describe what kind of barricade will be used to prevent inadvertent public access along any high wall area and when it will be implemented. Vegetated earthen berms, appropriate fencing and adequate boulder barriers may be acceptable high wall barricades. *A construction detail/cross-section and location of each type of barricade to be used must be indicated on the mine map(s).*

No high wall areas in permit area. Operator will utilize existing 8-ft tall foliated berms outside of excavation area to discourage inadvertent public access or 4-wheeler access to excavation area.

Access to excavation area will be by private gated access road through operator controlled private property. "No Trespassing" signs will be installed around affected area boundaries.

9. Are acid producing minerals or soils present?

☐ YES

☒ NO

If yes, how will acid water pollution from the excavation, stockpiles, and waste areas be controlled?

Not applicable.

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10. A) Describe specific plans (including a schedule of implementation) for screening the operation from public view such as maintaining or planting trees, bushes or other vegetation, building berms or other measures. *Show the location of all visual screening on the mine map(s) and provide cross-sections through all proposed berms or proposed spacing, sizes and species for tree plantings.*

Mining activity will operate behind existing 8-ft tall foliated berms and full growth woodland swamp. Activity will not be visible by public view.

- B) Could the operation have a significantly adverse effect on the purposes of a publicly owned park, forest, or recreation area? If so, how will such effects (i.e., noise, visibility, etc.) be mitigated?

No public owned park nearby. Private owned mud park located 500 ft west of mine, leased from landowner.

11. Will explosives be used?

☐ YES

☒ NO

If yes, specify the types of explosive(s) and describe what precaution(s) will be used to prevent physical hazard to persons or neighboring property from flying rocks or excessive air blasts or ground vibrations. Depending on the mine's location to nearby structures, more detailed technical information may be required on the blasting program (such as a third-party blasting study). *Locate the nearest offsite occupied structure(s) to the proposed excavation(s) on the mine map and indicate its approximate distance to the proposed excavation.*

Not applicable.

12. Will fuel tanks, solvents, or other chemical reagents be stored on-site?

☒ YES

☐ NO

If yes, describe these materials, how they will be stored and method of containment in case of spill. Indicate the location(s) of all storage facilities on the mine map(s).

One 500-gal ASTM & NCPMA approved double-wall steel tank with built-in containment will be installed north of excavation area, used for fuel supply of mining equipment.

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D. RECLAMATION PLAN

1. Describe your intended plan for the final reclamation and subsequent use of all affected lands and indicate the sequence and general methods to be used in reclaiming this land. This must include the method of reclamation of settling ponds and/or sediment control basins and the method of restoration or establishment of any permanent drainage channels to a condition minimizing erosion, siltation and other pollution. *This information must be illustrated on a reclamation map and must correspond directly with the information provided on the mine map(s). In addition, design information, including typical cross-sections, of any permanent channels to be constructed as part of the reclamation plan and the location(s) of all permanent channels must be indicated on the reclamation map.*

Upon completion of mining activities, the mine excavation will be reclaimed as a lake and the remainder of the site will be reclaimed as outlined in the Reclamation Plan. This includes removal of any mining related equipment, grading of any affected areas to avoid ponding of noxious or foul water, achieving final slopes around the mining excavation, maintaining vegetated berms along the perimeter of the site for safety purposes, and establishing a permanent ground cover using native species throughout the site.

2. Is an excavated or impounded body of water to be left as part of the reclamation?

☒ YES

☐ NO

If yes, illustrate the location of the body(s) of water on the reclamation map and provide a scaled cross-section(s) through the proposed body(s) of water. The minimum water depth must be at least 4 feet, measured from the normal low water table elevation, unless information is provided to indicate that a shallower water body will be productive and beneficial at this site.

The final pond depth will be at least 4 feet throughout with an average depth of approximately 25 feet. See the Reclamation Plan for more detailed information.

Will the body(s) of water be stocked with fish?

☐ YES

☒ NO

If yes, specify species.

Not applicable.

3. Describe provisions for safety to persons and to adjoining property in all completed excavations in rock including what kind of permanent barricade will be left. Acceptable permanent barricades are appropriate fencing, large boulders placed end-to-end, etc. *Construction details and locations of all permanent barricades must be shown on the reclamation map.*

There will be no excavations in rock at this mine site.

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4. Indicate the method(s) of reclamation of overburden, refuse, spoil banks or other such on-site mine waste areas, including specifications for benching and sloping. *Final cross-sections and locations for such areas must be provided on the reclamation map.*

Overburden and reclaimed mine fill areas will be leveled, seeded, and stabilized as needed.

5. A) Describe reclamation of processing facilities, stockpile areas, and on-site roadways.

All mining related equipment will be removed from the mine site. Stockpiles will be removed from the site and the remaining footprints of all stockpile and other work areas will be graded level with surrounding natural ground elevation and permanently stabilized as outlined in the Reclamation Plan and the seeding schedule provided. All on-site roadways and the lockable entrance gate will remain to allow ongoing access to the property.

- B) Will any on-site roadways be left as part of the reclamation?



YES



NO

If yes, identify such roadways on the reclamation map and provide details on permanent road and ditch line stabilization.

All on-site roadways and the lockable entrance gate at the site entrance will remain to allow ongoing access to the property.

6. Describe the method of control of contaminants and disposal of scrap metal, junk machinery, cables, or other such waste products of mining. (Note definition of refuse in The Mining Act of 1971.)

No off-site generated waste shall be disposed of on the mine site without prior written approval from the NC Department of Environmental Quality, Division of Energy, Mineral, and Land Resources and either the Division of Waste Management (DWM) or local governing body. If a disposal permit has been issued by DWM for the site, a copy of said permit must be attached to this application. All temporary and permanent refuse disposal areas must be clearly delineated on the mine map(s) and reclamation map, along with a list of items to be disposed in said areas.

No off-site generated bulk waste, hazardous waste, commercial waste, garbage, construction, or demolition waste shall be placed on the site. Waste materials generated onsite will be removed during reclamation and disposed of at the Currituck County landfill and waste disposal site in Maple, NC.



North Carolina Wildlife Resources Commission

Cameron Ingram, Executive Director

February 2, 2024

Ken Elliott
Elliott Consulting
P.O. Box 112
Aydlett, NC 27916
ken@kenobx.com

Dear. Mr. Elliott,

Attached are the seeding recommendations the NC Wildlife Resources Commission requests be used for mine reclamation sites within the eastern half of the state. These recommendations were formulated several years ago in cooperation with staff from the NC Division of Energy, Mineral, and Land Resources, NC Forest Service, and NC Wildlife Resources Commission. These recommendations provide a more beneficial mix for wildlife, do not include any invasive species, meet the requirements for the NC Mining Act of 1971, and are the seeding recommendations provided by NC Wildlife Resource Commission staff during the review of mining permit applications.

Thank you for your time and consideration. Please do not hesitate to contact me at maria.dunn@ncwildlife.org or (252) 495-5554 if I can provide additional assistance.

Sincerely,



Maria T. Dunn
Habitat Conservation Division

Permanent Seeding Specifications

<u>Dates</u>	<u>Species</u>	<u>Rate, Lbs/Acre</u>
February 15- April 1	Bahagrass	50
	Redtop	1
	Partridge Pea	12
	Winter rye (grain)	15
April 1- July 31	Common Bermuda	50
	Centipede	10
August 1- October 25	Centipede	10
	German millet	40
	Partridge Pea	12
October 25- February 15	Annual Rye (grain- temporary)	120
	Partridge Pea	20

Soil Amendments

Lime-	2000 lbs/acre or follow recommendations from a soil test.
Fertilizer-	Summer - 1000 lbs/acre 8-8-8 or 10-10-10, or follow recommendations from a soil test.
	Fall, Winter and Spring – 400 lbs/acre 8-8-8 or 10-10-10 or follow recommendations from a soil test.
Mulch-	All seeded areas shall be mulched using small grain straw at a rate of 2000 lbs/acre and anchored appropriately.

Whenever possible, disturbed areas should be vegetated with native warm season grasses such as switch grass, Indian grass, bluestem and gamma grass.

In addition, the permittee may consult with a professional wildlife biologist with the NC Wildlife Resources Commission to enhance post-project wildlife habitat at the site.

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The following bond calculation worksheet is to be used to establish an appropriate bond (based upon a range of \$500 to \$5,000 per affected acre) for each permitted mine site based upon the acreage approved by the Department to be affected during the life of the mining permit. Please insert the approximate acreage, for each aspect of the mining operation, that you intend to affect during the life of this mining permit (in addition, please insert the appropriate reclamation cost/acre for each category from the Schedule of Reclamation Costs provided with this application form) OR you can defer to the Department to calculate your bond for you based upon your maps and standard reclamation costs:

CATEGORY	AFFECTED ACREAGE			RECLAMATION COST/ACRE		RECLAMATION COST
Tailings/Sediment Ponds		Ac.	X	\$	/Ac.	= \$ 0.00
Stockpiles	2.06	Ac.	X	\$ 1,800	/Ac.	= \$ 3,708.00
Waste Piles		Ac.	X	\$	/Ac.	= \$ 0.00
Processing Area/Haul Roads	1.75	Ac.	X	\$ 1,800	/Ac.	= \$ 3,150.00
Mine Excavation	12.11	Ac.	X	\$ 500	/Ac.	= \$ 6,055.00
Other Unexcavated Buffers	4.02	Ac.	X	\$ 1,800	/Ac.	= \$ 7,236.00
TOTAL AFFECTED AC.:	19.94	Ac.				
TOTAL PERMITTED AC.:	44.71	Ac.				

Temporary & Permanent Sedimentation & Erosion Control Measures:

Divide the TOTAL AFFECTED AC. above into the following two categories: a) affected acres that drain into proposed/existing excavation and/or b) affected acres that will be graded for positive drainage where measures will be needed to prevent offsite sedimentation and sedimentation to onsite watercourses and wetlands.

a) Internal Drainage	19.94	Ac.				
b) Positive Drainage		Ac.	X	\$1,500.00	=	\$ 0.00

SUBTOTAL COST: \$ 20,149.00**Inflation Factor:**

	SUBTOTAL COST		LIFE OF MINING OPERATION OR LIFE OF LEASE (YEARS)		INFLATION COST
0.02	X \$ 20,149.00	X	10		= \$ 4,029.80

Total Reclamation Bond Cost:

TOTAL RECLAMATION BOND COST =	SUBTOTAL + INFLATION	= \$ 24,100.00
Round down to the nearest \$100.00		

NOTE: The reclamation bond cannot exceed \$1 million per GS 74-54

**NORTH CAROLINA MINING
PERMIT APPLICATION**

State of North Carolina
Department of Environmental Quality
Division of Energy, Mineral, and Land Resources

1612 Mail Service Center
Raleigh, NC 27699-1612
(919) 707-9220

SCHEDULE OF RECLAMATION COSTS

Based upon range of \$500 - \$5,000 per affected acre

COMMODITY CODES:

SG	Sand and/or Gravel	DS	Dimension Stone	PF	Pyrophyllite	CL	Clay/Shale
GS	Gemstone	FS	Feldspar	OL	Olivine	PE	Peat
Borrow	Borrow/fill dirt	MI	Mica	KY	Kyanite/Sillimanite/Andalusite	AU	Gold
CS	Crushed Stone	LI	Lithium	PH	Phosphate	TI	Titanium
OT	Other						

TYPE	T/S PONDS	STOCKPILES	WASTE PILES	P. AREA/H.R.	MINE EXCAVATION
SG, GS, Borrow	\$500/ac. (L) 1500 (FI)	\$1800/ac.	\$2000/ac.	\$1800/ac.	\$500/ac. (L) 2000 (PD)
CS, DS, FS, MI, LI, PF, OL, KY	500 (L) 1500 (FI)	1800	2000	2000	500 (L) 2500 (PD)
PH	1000 (L) 2500(FI)	2500	5000	5000	2000 (L) 5000 (PD)
CL	1000 (L) 2500 (FI)	2500	5000	5000	2000 (L) 3700 (PD)
PE, AU, TI, OT	1000(L) 2500 (FI)	2500	3000	3500	2000 (L) 5000 (PD)

(L) = Reclamation to a lake and revegetating side slopes

(FI) = Reclamation by filling in and revegetating

(PD) = Reclamation by grading for positive drainage & revegetating

AS PER NCAC 15A 5B.0003, IF YOU DISAGREE WITH THE BOND AMOUNT DETERMINED BY THE BOND CALCULATION WORKSHEET, YOU MAY SUBMIT AN ESTIMATE OF RECLAMATION COSTS FROM A THIRD-PARTY CONTRACTOR. SAID ESTIMATE MUST BE PROVIDED WITHIN 30 DAYS TO THE FOLLOWING ADDRESS: Mining Program, 1612 Mail Service Center, Raleigh, North Carolina 27699-1612

ALL ESTIMATES MUST INCLUDE THE FOLLOWING, AS A MINIMUM:

- FINAL GRADING COSTS PER ACRE
- LIME AND FERTILIZER COSTS PER ACRE
- YEAR-ROUND SEEDING MIXTURE COSTS PER ACRE (FROM APPROVED REVEGETATION PLAN IN APPLICATION/PERMIT DOCUMENT)
- MULCH AND ANCHORING COSTS PER ACRE
- ANY OTHER RECLAMATION COSTS NECESSARY TO COMPLY WITH THE APPROVED RECLAMATION PLAN FOR THE SITE IN QUESTION

YOU WILL BE NOTIFIED AS SOON AS POSSIBLE OF THE DIRECTOR'S FINAL BOND DETERMINATION.

**NORTH CAROLINA MINING
PERMIT APPLICATION**

State of North Carolina
Department of Environmental Quality
Division of Energy, Mineral, and Land Resources

1612 Mail Service Center
Raleigh, NC 27699-1612
(919) 707-9220

F. NOTIFICATION OF ADJOINING LANDOWNERS

The "Notice" form, or a facsimile thereof, attached to this application must be sent certified or registered mail, return receipt requested, to:

- (1) the chief administrative officer of each county and municipality in which any part of the permitted area is located as indicated on the mine map(s);
- (2) all owners of record, both public and private, of all tracts of land that are adjoining the mining permit boundary; if an adjoining tract is owned or leased by the applicant or is owned by the lessor of the mine tract, all owners of record of tracts adjoining these tracts must be notified (that are within 1,000 feet of the mining permit boundary) as indicated on the mine map(s); and
- (3) all owners of record, both public and private, of all tracts of land that are adjoining the mining permit boundary which lie directly across and are contiguous to any highway, creek, stream, river, or other watercourse, railroad track, or utility or other public right-of-way. If an adjoining tract is owned or leased by the applicant or is owned by the lessor of the mine tract, all owners of record of tracts adjoining these tracts must be notified (that are within 1,000 feet of the mining permit boundary) as indicated on the mine map(s). "Highway" means a road that has four lanes of travel or less and is not designated as an Interstate Highway.

The only exception to the above method of giving notice is if another means of notice is approved in advance by the Director, Division of Energy, Mineral, and Land Resources.

A copy of a tax map (or other alternative acceptable to the Department) must be mailed with the completed "Notice" form **(the proposed overall permit boundaries and the names and locations of all owners of record of lands adjoining said boundaries must be clearly denoted on the tax map).**

The "Affidavit of Notification" attached to this application must be completed, notarized and submitted to the Department, with the remainder of the completed application form before the application will be considered complete.

NOTES:

THIS SECTION MUST BE COMPLETED FOR ALL APPLICATIONS FOR NEW MINING PERMITS AND ALL MODIFICATIONS OF A MINING PERMIT TO ADD LAND TO THE PERMITTED AREA, AS REQUIRED BY NCGS 74-50(b1).

SEE THE NEXT TWO PAGES FOR THE "NOTICE" FORM AND THE "AFFIDAVIT OF NOTIFICATION"

**NORTH CAROLINA MINING
PERMIT APPLICATION**

State of North Carolina
Department of Environmental Quality
Division of Energy, Mineral, and Land Resources

1612 Mail Service Center
Raleigh, NC 27699-1612
(919) 707-9220

NOTICE * TYPICAL *****

Pursuant to provisions G.S. 74-50(b1) of The Mining Act of 1971, Notice is hereby given that

Jennings Smith has applied on October 2025 to the Division of Energy,
(Applicant Name) (Date)

Mineral, and Land Resources, North Carolina Department of Environmental Quality, 1612 Mail Service Center, Raleigh, North Carolina 27699-1612, for (check one):

- ☒ a new surface mining permit,
☐ a modification of an existing surface mining permit to add land to the permitted area; or
☐ a modification of an existing surface mining permit to add land to the permitted area with no disturbance in the area proposed. **Please note that future modification(s) may be submitted by the applicant to allow disturbance within this area without re-notification of adjoining landowners.**

The applicant proposes to mine sand & topsoil on 12.1 acres located 1.5
(Mineral, Ore) (Number) (Number)
miles southeast of Aydlett off/near road 5243 Caratoke Highway
(Direction) (Nearest town) (Number, Name)
in Currituck County.

***SEE ATTACHED MAP FOR PROPOSED PERMIT BOUNDARIES AND CORRESPONDING ADJOINING LANDOWNER
NAMES AND LOCATIONS***

In accordance with G.S. 74-50(b1), the mine operator is required to make a reasonable effort, satisfactory to the Department, to notify all owners of record, both public and private, of all tracts of land that are adjoining the mining permit boundary; if an adjoining tract is owned or leased by the applicant or is owned by the lessor of the mine tract, all owners of record of tracts adjoining these tracts must be notified (that are within 1,000 feet of the mining permit boundary). In addition, the mine operator must also notify the chief administrative officer of the county or municipality in which any part of the permitted area is located. Any person may file written comment(s) to the Department at the above address within thirty (30) days of the issuance of this Notice or the filing of the application for a permit, whichever is later. Should the Department determine that a significant public interest exists relative to G.S. 74-51, a public hearing will be held within 60 days of the end of the 30-day comment period specified above.

A copy of the permit application materials is on file and available for public review during normal business hours at the above listed address as well as at the appropriate regional office. **For information regarding the specifics of the proposed mining activity, please contact the applicant at the following telephone number:** 252-421-0617

For information on the mining permit application review process, please contact the Mining Program staff at (919) 707-9220. Please note that the Department will consider any relevant written comments/documentation within the provisions of the Mining Act of 1971 throughout the application review process until a final decision is made on the application.

Rebecca Gay, Currituck County Manager
153 Courthouse Rd., Ste. 204, Currituck, NC 27929

Addressee/Owner of Record's Name and Address

September 11, 2025

Date of Issuance of this Notice/Mailed to Addressee/Owner of Record

Jennings Smith, K&S Development, LLC

Name of Applicant. Include Contact Person & Company Name, if Applicable

PO Box 2025, Manteo, NC 27954

Address of Applicant

ELLIOTT CONSULTING

*** TYPICAL ***

September 10, 2025

Rebecca Gay, Currituck County Manager
153 Courthouse Road, Suite 204
Currituck, NC 27929

Dear Ms. Gay:

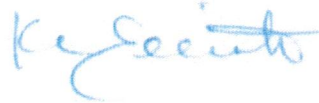
I am writing to you on behalf of Mr. Jennings Smith, K&S Development, LLC, 207 Queen Elizabeth Avenue, Suite 1, Manteo, NC 27954, let you know that Mr. Smith intends to apply to the State of North Carolina to excavate a 12.1-acre pond, to be known as the Jerry Wright Mine, at 5243 Caratoke Highway, Coinjock, NC 27923, on land owned Jerry W. Wright and Thomas C. Wright, in Currituck County. The total permit area will be 44.5 acres with 17.7 acres affected. The pond will be in a cultivated field, 1.5 miles southeast of the Aydlett, NC Post Office and across Caratoke Highway from the NCDOT Rest Area. The purpose of the pond will be to supply water to Mr. Wright's three waterfowl impoundments adjacent to the excavation, and to provide water for use by the Muddy Motor Sports recreation complex. This letter is to notify you that Mr. Smith is applying to the NC Department of Environmental Quality, Division of Energy, Mineral and Land Resources, for a mining permit to complete the excavation.

One part of the permit process requires Mr. Smith to send all adjacent landowners and the Currituck County Manager a certified and dated notice of his intention to excavate the pond. This letter and notice represent only a required part of the paperwork process for his permit with the NC Department of Environmental Quality and does not require any action on your part regarding NCDEQ.

Mr. Smith seeks to assure you that he will take all measures necessary to prevent physical hazard to any neighboring dwellings, roads or public facilities, and will also provide adequate fencing or notices to prevent inadvertent public access to the mining permit area. The pond will be located on private property, and the excavation area will only be accessible by a private gated entrance. Please find attached to this letter a map showing the location of the proposed permit and excavation area.

We appreciate your help and cooperation on these matters. Mr. Smith is always available to answer any questions you may have and can be reached at 252-421-0617. I am also available for any questions and please do not hesitate to call me at 252-339-9021 if I can be of assistance.

Sincerely,



Ken Elliott
For Jennings Smith
K&S Development, LLC

9589 0710 5270 2349 8985 98

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Co Partners of Jarvisburg, LLC
PO Box 24
Jarvisburg, NC 27947



9590 9402 8995 4122 9440 30

2. Article Number (Transfer from service label)

9589 0710 5270 2349 8985 98

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

B. Received by (Printed Name)

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
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- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation®
- ☐ Signature Confirmation Restricted Delivery

Mail Restricted Delivery

Domestic Return Receipt

PS Form 3800, January 2023 PSN 7530-02-000-9053
See Reverse for Instructions
Certified Mail Fee \$5.30
Postage \$0.78
Total Postage and Fees \$6.08
09/11/2025
Jarvisburg, NC 27947
Co Partners of Jarvisburg, LLC
PO Box 24

For delivery information, visit our website at www.usps.com
JAN 27/25
Certified Mail Fee \$5.30
Postage \$0.78
Total Postage and Fees \$6.08
09/11/2025
Jarvisburg, NC 27947
Co Partners of Jarvisburg, LLC
PO Box 24

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

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0620
06

9589 0710 5270 2349 8985 50

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Rebecca Gay
Currituck County Manager
153 Courthouse Road, Ste. 204
Currituck, NC 27929



9590 9402 8995 4122 9440 16

2. Article Number (Transfer from service label)

9589 0710 5270 2349 8985 50

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

B. Received by (Printed Name)

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

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- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation®
- ☐ Signature Confirmation Restricted Delivery

Mail Restricted Delivery

Domestic Return Receipt

PS Form 3800, January 2023 PSN 7530-02-000-9053
See Reverse for Instructions
Certified Mail Fee \$5.30
Postage \$0.78
Total Postage and Fees \$6.08
09/11/2025
Currituck, NC 27929
Rebecca Gay
Currituck County Manager
153 Courthouse Road, Ste. 204

For delivery information, visit our website at www.usps.com
JAN 27/25
Certified Mail Fee \$5.30
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09/11/2025
Currituck, NC 27929
Rebecca Gay
Currituck County Manager
153 Courthouse Road, Ste. 204

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9589 0710 5270 2349 8985 81

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mildred T. Quidley, Trustee
5067 Caratoke Highway
Coinjock, NC 27923



9590 9402 8995 4122 9440 47

2. Article Number (Transfer from service label)

9589 0710 5270 2349 8985 81

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

B. Received by (Printed Name)

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation®
- ☐ Signature Confirmation Restricted Delivery

Mail Restricted Delivery

Domestic Return Receipt

PS Form 3800, January 2023 PSN 7530-02-000-9053
See Reverse for Instructions
Certified Mail Fee \$5.30
Postage \$0.78
Total Postage and Fees \$6.08
09/11/2025
Coinjock, NC 27923
Mildred T. Quidley, Trustee
5067 Caratoke Highway

For delivery information, visit our website at www.usps.com
JAN 27/25
Certified Mail Fee \$5.30
Postage \$0.78
Total Postage and Fees \$6.08
09/11/2025
Coinjock, NC 27923
Mildred T. Quidley, Trustee
5067 Caratoke Highway

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CERTIFIED MAIL® RECEIPT
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06

9589 0710 5270 2349 8986 04

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Ronnie Joe Cooper
Mabel Grandy Cooper
PO Box 149
Poplar Branch, NC 27965



9590 9402 8995 4122 9440 23

2. Article Number (Transfer from service label)

9589 0710 5270 2349 8986 04

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Mabel G Cooper

☐ Agent
☐ Address

B. Received by (Printed Name)

Mabel Grandy Cooper

C. Date of Delivery

9-17-

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express
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- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation
- ☐ Signature Confirmation Restricted Delivery

☐ Mail Restricted Delivery
☐)

Domestic Return Receipt

Ronnie Joe Cooper
Mabel Grandy Cooper
PO Box 149
Poplar Branch, NC 27965

See Reverse for Instructions

Jane Harvey, Raymond Midgett
c/o Edward Markert
4929 Caratoke Highway
Coinjock, NC 27923

See Reverse for Instructions

For delivery information, visit our website at www.usps.com

Domestic Mail Only

U.S. Postal Service™

CERTIFIED MAIL® RECEIPT

Official Use

0620 06

09/11/2025

Postmark Here

Extra Services & Fees (check box, and fee)

Return Receipt (hardcopy) \$4.40

Return Receipt (electronic) \$0.00

Certified Mail Restricted Delivery \$10.00

Adult Signature Required \$0.00

Adult Signature Restricted Delivery \$0.00

Postage \$0.78

Total Postage and Fees \$10.48

Sent to

Street and Apt. No., or P.O. Box

City, State, ZIP+4®

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Jane M. Harvey, Raymond P. Midgett
c/o Edward Markert
4929 Caratoke Highway
Coinjock, NC 27923



9590 9402 8995 4122 9440 61

2. Article Number (Transfer from service label)

9589 0710 5270 2349 8985 67

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X c/o Midgett

☐ Agent
☐ Address

B. Received by (Printed Name)

c/o Midgett

C. Date of Delivery

9/17/22

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation
- ☐ Signature Confirmation Restricted Delivery

☐ Mail Restricted Delivery
☐)

Domestic Return Receipt

9589 0710 5270 2349 8985 67

Jane Harvey, Raymond Midgett
c/o Edward Markert
4929 Caratoke Highway
Coinjock, NC 27923

See Reverse for Instructions

For delivery information, visit our website at www.usps.com

Domestic Mail Only

U.S. Postal Service™

CERTIFIED MAIL® RECEIPT

Official Use

0620 06

09/11/2025

Postmark Here

Extra Services & Fees (check box, and fee)

Return Receipt (hardcopy) \$4.40

Return Receipt (electronic) \$0.00

Certified Mail Restricted Delivery \$10.00

Adult Signature Required \$0.00

Adult Signature Restricted Delivery \$0.00

Postage \$0.78

Total Postage and Fees \$10.48

Sent to

Street and Apt. No., or P.O. Box

City, State, ZIP+4®

Tracking Number:

Remove X

9589071052702349898574

Copy

Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was delivered to an individual at the address at 12:37 pm on September 13, 2025 in CARY, NC 27513.

Get More Out of USPS Tracking:
USPS Tracking Plus®

Delivered
Delivered, Left with Individual
CARY, NC 27513
September 13, 2025, 12:37 pm

Departed USPS Regional Facility
RALEIGH NC DISTRIBUTION CENTER
September 12, 2025, 7:51 pm

Arrived at USPS Regional Facility
RALEIGH NC DISTRIBUTION CENTER
September 12, 2025, 9:53 am

Departed Post Office
WILLIAMSTON, NC 27892
September 11, 2025, 5:00 pm

USPS in possession of item
WILLIAMSTON, NC 27892
September 11, 2025, 1:47 pm

9589 0710 5270 2349 8985 74

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com
Cary, NC 27513

OFFICIAL USE

Certified Mail Fee \$5.30

Extra Services & Fees (check box, add fees as appropriate)

☐ Return Receipt (hardcopy)

☐ Return Receipt (electronic)

☐ Certified Mail Restricted Delivery

☐ Adult Signature Required

☐ Adult Signature Restricted Delivery

\$4.40

\$0.00

\$0.00

\$0.00

\$0.00

Postage \$0.78

Total Postage and Fees \$10.48

0620 06

Postmark Here

09/11/2025

Sent To Metropolitan Designs, Inc., et al.

Street and Apt. No., 0 Attn: Emmett W. Caldwell

City, State, ZIP+4® 1637 Preston Grove Avenue
Cary, NC 27513

PS Form 3800, January 2023 PSN 7530-02-000-9001 See Reverse for Instructions

**NORTH CAROLINA MINING
PERMIT APPLICATION**

State of North Carolina
Department of Environmental Quality
Division of Energy, Mineral, and Land Resources

1612 Mail Service Center
Raleigh, NC 27699-1612
(919) 707-9220

AFFIDAVIT OF NOTIFICATION

I, Kenneth Elliott, an applicant, or an agent, or employee of an applicant, for a new Mining Permit, or a modification of an existing Mining Permit to add land to the permitted area, from the N.C. Department of Environmental Quality, being first duly sworn, do hereby attest that the following are all known owners of record, both public and private, of all tracts of land that are adjoining the mining permit boundary (including, where an adjoining tract is owned or leased by the applicant or is owned by the lessor of the mine tract, all owners of record of tracts adjoining these tracts, that are within 1,000 feet of the mining permit boundary) and that notice of the pending application has been caused to be mailed, by certified or registered mail, return receipt requested, to said owners of record at their addresses shown below, such notice being given on a form provided by the Department:

Adjoining Landowner Name	Address
Jane M. Harvey, Raymond P. Midgett, c/o Edward Markert	4929 Caratoke Highway, Coinjock, NC 27923
Metropolitan Designs, Inc., et al.	1637 Preston Grove Ave., Cary, NC 27513
Mildred P. Quidley, Trustee	5067 Caratoke Highway, Coinjock, NC 27923

Attach additional list if necessary.

I do also attest that the following individual is the chief administrative officer of the county or municipality in which any part of the permitted area is located and that notice of the pending application has been caused to be mailed, by certified or registered mail, return receipt requested, to said office at the following address:

Rebecca Gay, Currituck County Manager
Chief Administrative Officer Name

153 Courthouse Road, Suite 204, Currituck, NC 27929
Address

(i.e.: City Manager, County Manager, Mayor, etc.)

The above attestation was made by me while under oath to provide proof satisfactory to the Department that a reasonable effort has been made to notify all known owners of record, both public and private, of all tracts of land that are adjoining the mining permit boundary (including, where an adjoining tract is owned or leased by the applicant or is owned by the lessor of the mine tract, all owners of record of tracts adjoining these tracts, that are within 1,000 feet of the mining permit boundary) and the chief administrative officer of the county or municipality in which any part of the permitted area is located in compliance with N.C.G.S. 74-50(b1) and 15A NCAC 5B .0004(d). I understand that it is the responsibility of the applicant to retain the receipts of mailing showing that the above notices were caused to be mailed and to provide them to the Department upon request.

Kenneth Elliott
Signature of Applicant or Agent

February 6, 2026
Date

If person executing Affidavit is an agent or employee of an applicant, provide the following information:

Name of Applicant

Jennings Smith

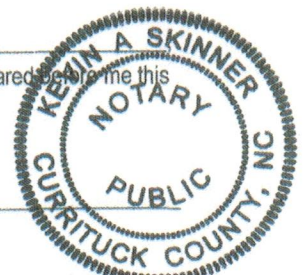
Title of person executing Affidavit

Authorized Agent for Jennings Smith

I, Kevin A Skinner, a Notary Public of the County of Currituck
State of North Carolina, do hereby certify that Kenneth Elliott appeared before me this
day and under oath acknowledged that the above Affidavit was made by him/her.

Witness my hand and notarial seal, this 6 day of February, 2026.

Notary: Kevin A. Skinner My commission expires: 10-11-2028



**NORTH CAROLINA MINING
PERMIT APPLICATION**

State of North Carolina
Department of Environmental Quality
Division of Energy, Mineral, and Land Resources

1612 Mail Service Center
Raleigh, NC 27699-1612
(919) 707-9220

AFFIDAVIT OF NOTIFICATION

I, Kenneth Elliott, an applicant, or an agent, or employee of an applicant, for a new Mining Permit, or a modification of an existing Mining Permit to add land to the permitted area, from the N.C. Department of Environmental Quality, being first duly sworn, do hereby attest that the following are all known owners of record, both public and private, of all tracts of land that are adjoining the mining permit boundary (including, where an adjoining tract is owned or leased by the applicant or is owned by the lessor of the mine tract, all owners of record of tracts adjoining these tracts, that are within 1,000 feet of the mining permit boundary) and that notice of the pending application has been caused to be mailed, by certified or registered mail, return receipt requested, to said owners of record at their addresses shown below, such notice being given on a form provided by the Department:

Adjoining Landowner Name	Address
Co Partners of Jarvisburg, LLC	PO Box 24, Jarvisburg, NC 27947
Ronnie Joe Cooper, Mabel Grandy Cooper	PO Box 149, Poplar Branch, NC 27965

Attach additional list if necessary.

I do also attest that the following individual is the chief administrative officer of the county or municipality in which any part of the permitted area is located and that notice of the pending application has been caused to be mailed, by certified or registered mail, return receipt requested, to said office at the following address:

Rebecca Gay, Currituck County Manager
Chief Administrative Officer Name

153 Courthouse Road, Suite 204, Currituck, NC 27929
Address

(i.e.: City Manager, County Manager, Mayor, etc.)

The above attestation was made by me while under oath to provide proof satisfactory to the Department that a reasonable effort has been made to notify all known owners of record, both public and private, of all tracts of land that are adjoining the mining permit boundary (including, where an adjoining tract is owned or leased by the applicant or is owned by the lessor of the mine tract, all owners of record of tracts adjoining these tracts, that are within 1,000 feet of the mining permit boundary) and the chief administrative officer of the county or municipality in which any part of the permitted area is located in compliance with N.C.G.S. 74-50(b1) and 15A NCAC 5B .0004(d). I understand that it is the responsibility of the applicant to retain the receipts of mailing showing that the above notices were caused to be mailed and to provide them to the Department upon request.

Kenneth Elliott
Signature of Applicant or Agent

February 6, 2026
Date

If person executing Affidavit is an agent or employee of an applicant, provide the following information:

Name of Applicant

Jennings Smith

Title of person executing Affidavit

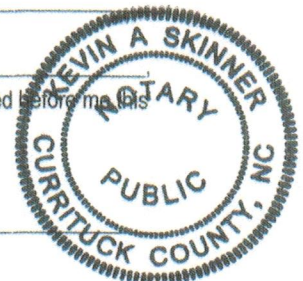
Authorized Agent for Jennings Smith

I, Kevin A Skinner, a Notary Public of the County of Currituck

State of North Carolina, do hereby certify that Kenneth Elliott appeared before me this _____ day and under oath acknowledged that the above Affidavit was made by him/her.

Witness my hand and notarial seal, this 6 day of February, 2026.

Notary: Kevin A. Skinner My commission expires: 10-11-2028



**NORTH CAROLINA MINING
PERMIT APPLICATION**

State of North Carolina
Department of Environmental Quality
Division of Energy, Mineral, and Land Resources

1612 Mail Service Center
Raleigh, NC 27699-1612
(919) 707-9220

G. LAND ENTRY AGREEMENT

We hereby grant to the Department or its appointed representatives the right of entry and travel upon our lands or operation during regular business hours for the purpose of making necessary field inspections or investigations as may be reasonably required in the administration of the Mining Act of 1971 pursuant to G.S. 74-56.

We further grant to the Department or its appointed representatives the right to make whatever entries on the land as may be reasonably necessary and to take whatever actions as may be reasonably necessary in order to carry out reclamation which the operator has failed to complete in the event a bond forfeiture is ordered pursuant to G.S. 74-59.

LANDOWNER:

Signature

Print Name

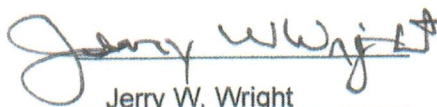
Title (if applicable)

Company (if applicable)

Address

Telephone

Date Signed



Jerry W. Wright

Landowner

PO Box 24

Jarvisburg, NC 27947

January 26, 2026

APPLICANT:

Signature*

Print Name

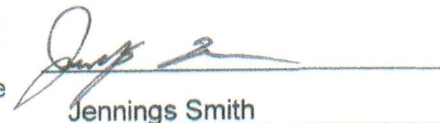
Title

Company

Mine Name

Telephone

Date Signed



Jennings Smith

Operator

K & S Mine North

252-421-0617

January 26, 2026

*Signature of company officer required.

One original and five (5) copies of the completed application, six (6) copies of all location maps, mine maps and reclamation maps, and the appropriate processing fee in the form a check or money order payable to the North Carolina Department of Environmental Quality must be sent to the Raleigh Central Office at the address listed on the front cover of this application form.

Inquiries regarding the status of the review of this application should be directed to the Mining Program staff at (919) 707-9220.

**NORTH CAROLINA MINING
PERMIT APPLICATION**

State of North Carolina
Department of Environmental Quality
Division of Energy, Mineral, and Land Resources

1612 Mail Service Center
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LANDOWNER:

Signature

Print Name

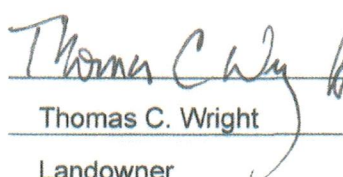
Title (if applicable)

Company (if applicable)

Address

Telephone

Date Signed


Thomas C. Wright
Landowner

PO Box 24
Jarvisburg, NC 27947

January 26, 2026

APPLICANT:

Signature*

Print Name

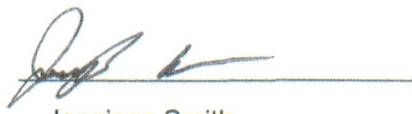
Title

Company

Mine Name

Telephone

Date Signed


Jennings Smith
Operator

K & S Mine North
252-421-0617
January 26, 2026

*Signature of company officer required.

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Construction Road Stabilization Details

Practice Standards and Specifications 6.80

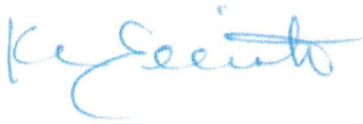
K & S Mine North
Poplar Branch, NC
Currituck County

Definition:	The stabilization of temporary construction access routes, on-site vehicle transportation routes, and construction parking areas.
Purpose:	To control erosion on temporary construction routes into Eure Sand Mine.
Planning Considerations:	Improperly planned and maintained construction roads can become a continual erosion problem. Situate construction roads to reduce erosion potential. When practical, install permanent paved roads and parking areas and use them for construction traffic early during the construction operation to minimize site disruption.
Design Criteria:	Road Grade—A maximum grade of 10% to 12% is recommended, although grades up to 15% are possible for short distances. Road Width—12 feet minimum for one-way traffic —20 feet minimum for two-way traffic Side Slope of Road Embankment—2:1 or flatter Ditch Capacity—Roadside ditch and culvert capacities—10-year peak runoff. Stone Surface—Use a 6-inch course of “ABC” or “base course” or larger as specified in NC Department of Transportation Standard Specifications for Roads and Structures, as needed.
Construction Specifications:	1. Clear roadbed and parking areas of all vegetation, roots, and other objectionable material. 2. Ensure that road construction follows the natural contours of the terrain if it is possible. 3. Locate processing areas on naturally flat areas, if they are available. Keep grades sufficient for drainage, but generally not more than 2 - 3%. 4. Provide surface drainage, and divert excess runoff to stable areas by using water bars or turnouts.

5. Keep cuts and fills at 2:1 or flatter for safety and stability and to facilitate establishment of vegetation and maintenance.
6. Spread a 6-inch course of "ABC" crushed stone evenly over the full width of the road and smooth to avoid depressions.
7. Where seepage areas or seasonally wet areas must be crossed, install subsurface drains or geo-textile fabric cloth before placing the crushed stone.
8. Vegetate all roadside ditches, cuts, fills, and other disturbed areas or otherwise appropriately stabilize as soon as grading is complete.
9. Provide appropriate sediment control measures to prevent off-site sedimentation.

Maintenance:

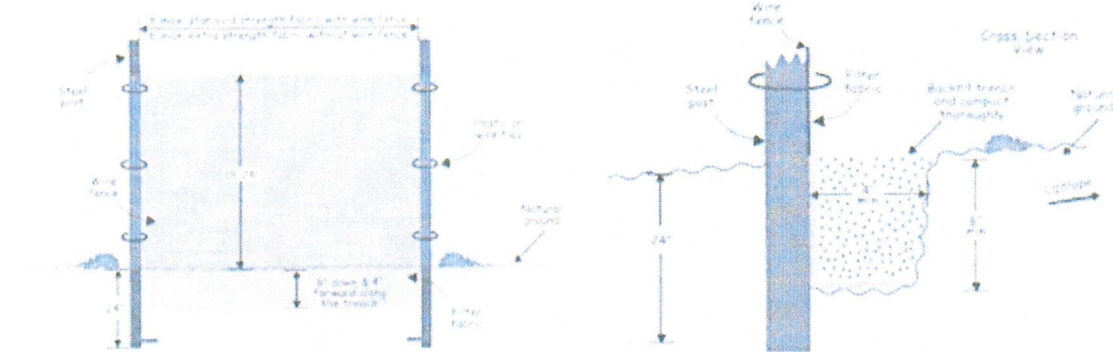
Inspect construction roads and parking areas periodically for condition of surface. Top-dress with new gravel as needed. Check road ditches and other seeded areas for erosion and sedimentation after runoff-producing rains. Maintain all vegetation in a healthy, vigorous condition. Sediment-producing areas should be treated immediately.

A handwritten signature in blue ink, appearing to read "Ken Elliott", with a stylized flourish at the end.

Ken Elliott, consulting
February 8, 2026

**Sediment Fence (Silt Fence) Construction Details:
Practice Standards and Specifications 6.62**

**K & S Mine North
Poplar Branch, NC
Currituck County**



A temporary permeable barrier erected on small disturbed areas to capture sediment from sheet flow. It is made of filter fabric buried at the bottom, stretched and supported by steel posts.

Planning: Silt fence will be installed along the perimeter of pond access road when crossing an existing blue-line-stream field ditch. Narrow width of fenced area will allow only shallow pools to form behind fence while promoting deposition of sediment and preventing sedimentation into adjacent wetlands. Ends of fence will be curled uphill in "J" pattern to prevent end flow. Stabilized outlets will be provided to protect the fence system and release storm flow that exceeds the design.

Design considerations: Silt fence will be constructed of extra-strength synthetic filter fabric. Height of fence will not exceed 2 feet above natural ground level, and will be constructed from a continuous roll to minimize joints. All joints will be fastened at a support post with 4 feet minimum of overlap. Extra-strength filter fabric will be fastened to road side of steel posts (installed 2 feet deep) every 6 feet (every 8 feet if using standard strength filter fabric with wire mesh backing) and fastened with wire ties. Trench will be excavated along inside of fence approximately 4 inches wide by 8 inches deep, into which 12 inches of fabric will be placed along the bottom and side of the trench. Trench will be backfilled and compacted.

Maintenance: Inspect sediment fence every week and after each rainfall. Make any required repairs immediately. Replace any collapsed, damaged, or decomposed fence promptly. Remove all fencing materials and unstable sediment deposits and bring the area to grade and stabilize it after the contributing drainage area has been properly stabilized.

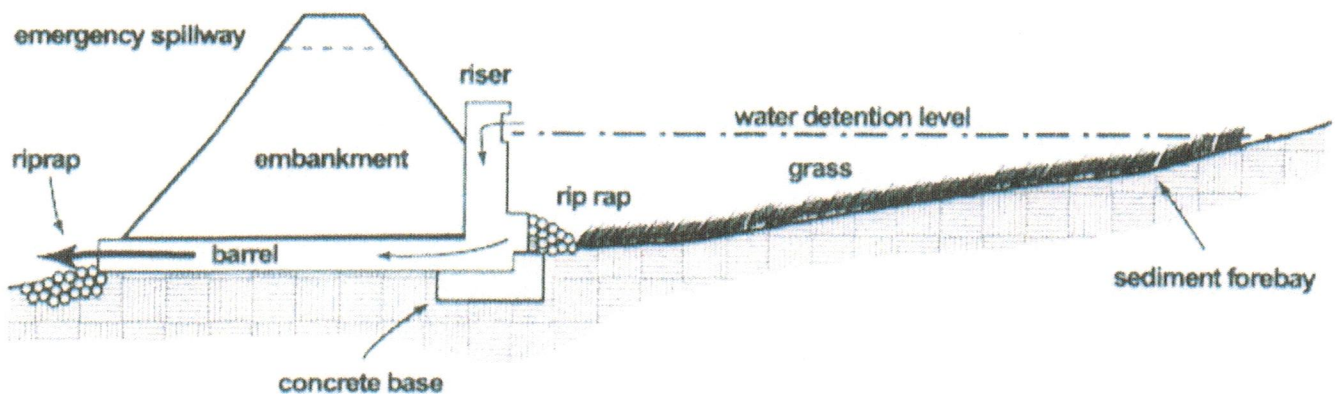
Ken Elliott

Ken Elliott, consulting
February 8, 2026

Water Height Control: Construction Details Half-pipe Water Level Control with Flash Board Risers

NRCS Code 587

K & S Mine North
Poplar Branch, NC
Currituck County



DESCRIPTION

A structure in a water management system that conveys water, controls the direction or rate of flow, maintains a desired water surface elevation or measures water. Water height control structure is standard structure used by agricultural and horticultural farms in North Carolina to raise or lower water height in ditches and ponds per need (NRCS). *Water height control structure to be installed in the south berm of the sedimentation pond at the K & S Mine North. Overflow to be directed down stabilized ditch to nearby blue-line stream, eventual outflow to Currituck Sound.*

PURPOSE

To convey water from one elevation to a lower elevation within, to, or from a water conveyance system, such as a ditch, channel, canal, or pipeline designed to operate under open channel conditions. Typical structures: drops, chutes, turnouts, surface water inlets, head gates, pump boxes, and stilling basins (NRCS). *This water management system will be used to maintain a maximum water surface elevation in the sedimentation pond at the K & S Mine North, Caratoke Hwy., Poplar Branch, NC. Sedimentation pond is a part of the dewatering management system of the K & S Mine North, used to remove settleable matter and turbidity from mine dewatering wastewater.*

CONSTRUCTION

Structure consists of 26' x 3' horizontal galvanized steel culvert running under the sedimentation pond berm. A vertical 6' half pipe 52" x 30" is attached on the north end of the culvert with stacked flash boards allowing adjustable height of the water level in the sedimentation pond. Water flows over the flash boards and into the discharge pipe and down the rip-rap stabilized ditch.

Overflow ditch is lined with riprap for 20 feet down its length. Existing slopes adjacent to the culvert are heavily grassed with natural grass and weeds with no erosion present.

MAINTENANCE

Structures will be checked and necessary maintenance, including removal of debris, shall be performed after major storms and at least semi-annually.

A handwritten signature in blue ink, appearing to read "Ken Elliott".

Ken Elliott, consulting
February 8, 2026

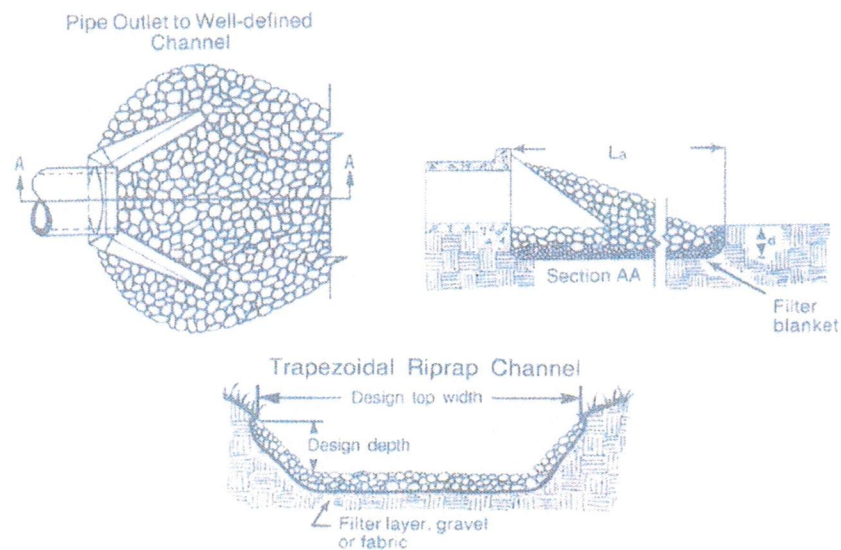
Discharge Outfall Outlet Protection: Construction Details
Practice Standards and Specifications 6.41, 6.31, 6.15

K & S Mine North
Poplar Branch, NC
Currituck County

6.41 Outlet Stabilization Structure

6.31 Riprap and Paved Channels

6.15 Riprap



Riprap lined apron located at end of mine dewatering overflow pipes (3) to prevent scour and undermining in existing ditch, and to absorb the impact of the water flow and reduce the velocity to non-erosive levels, before flow reaches wetlands.

Riprap Apron Size: Overflow pipe discharges directly into well-defined channel. The apron will extend across the channel bottom and up the channel banks to the top of the bank. Length of apron will be 20-feet downstream to maintain velocity control of maximum 2.0 feet per second.

Grade: Apron will have zero grade and no overfill at end of apron.

Alignment: Apron will be straight throughout entire length if possible. If curve is necessary to align the apron with the receiving channel, the curve will be located in the upstream section of the riprap.

Materials: Riprap will consist of a well graded mixture of NCDOT Class A (2" to 6") stone or slag.

Thickness: Minimum thickness of riprap will be 1.5 times the maximum stone diameter.

Filter: Operator plans to install a layer of heavy duty silt fence filter cloth between the riprap and the underlying soil to prevent soil movement into or through the riprap. Filter cloth will extend to the top of both channel banks, and edges will overlap 12 inches. Upstream end will be buried 12 inches and downstream end will be buried if necessary.

Maintenance: inspect riprap outlet structures weekly and after significant rainfall events to see if any erosion around or below the riprap has taken place, or if stones have become dislodged. Repair all damage immediately. Maintain all vegetation adjacent to the channel in healthy condition to prevent scour or erosion during out-of-bank flow. Control weeds and brush growing in the riprap by cutting.

A handwritten signature in blue ink, appearing to read 'Ken Elliott', with a stylized, cursive script.

Ken Elliott, consulting

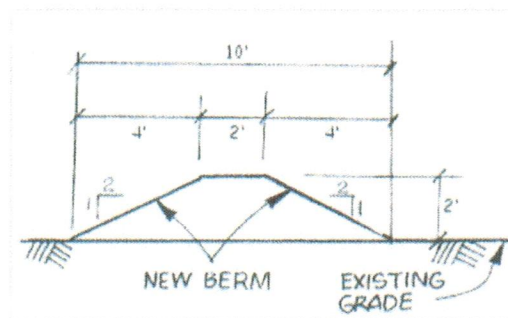
February 8, 2026

Berm Construction Details

K & S Mine North
Poplar Branch, NC
Currituck County

Narrow-based berm

The narrow-based berm is the most common berm having a top of 2 feet (0.6 m) and side slopes of two horizontal: 1 vertical. This berm is the most economical to build as it requires the least material. The steep side slopes of this type of berm eliminate the possibility of working on it with farm machinery.



Berm Construction

The berm construction comprises of the scraping back of the topsoil from the area where the berm and storage basin is to be built. A subsoil material, free of stones, rubble, stumps etc. and with at least 10% clay should be used to construct the berm. The material for the berm may be obtained from the area behind or in front of the berm location or moved from a borrow pit located elsewhere on the farm. An earth mover will be required to move material from a pit located a distance away while a bulldozer would be used if material is located in the berm area.

The berm material is to be placed in layers and compacted as each layer is added. After the berm has a final shape the sides of the berm should also be compacted.

Emergency Overflow

To provide for larger-than designed peak flows, an overflow system is used, namely:

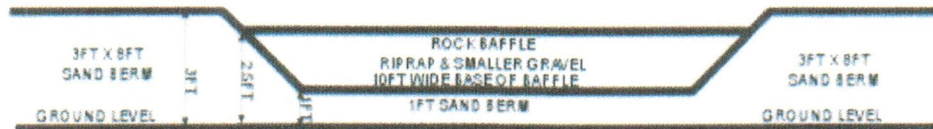
- "The level-top vegetated berm crest" which provides for very flat berm top so that the water will overflow along the berm length in a thin layer so as not to create erosion problems.

Ken Elliott, consulting
February 8, 2026

Sand Berm with Overflow Rock Baffle / Weir

Practice Standards and Specifications 6.87 – Check Dam with Weir

K & S Mine North
Poplar Branch, NC
Currituck County



Definition: Small stone dam structure with a weir outlet with sediment storage area on the upper side, installed in sand berm.

Purpose: To reduce erosion in overflow drainage outlet during major rainstorms by reducing velocity of flow, and provide sediment control.

Siting: To be placed at lower end of sand mine disturbed area perimeter berm (8ft x 3ft sand berm).

Aggregate Size: NC DOT Class B stone lined with NC DOT #5 or #57 stone on upper side.

Construction Specifications: Keep center stone section 6 inches below top of sand berm. Place sediment control stone minimum 1ft thick on upstream side of berm at weir. Provide 9ft long stone apron on lower side of berm to flush with surrounding grade.

Maintenance: Inspect check dams weekly and after significant rainfall and repair immediately if needed. Clean out limbs, sediment and other debris that could clog the weir. Add stones to check dam to maintain correct height. Maintain vegetative ground cover on berm, repair berm erosion as needed.

Ken Elliott

Ken Elliott, consulting
February 8, 2026

Date:

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING
SECTION B: RECORDKEEPING

Page:

1. E&SC Plan Documentation

Item to Document	Document Requirements
(a) Each E&SC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC plan	Initial and date each E&SC measure on a copy of the approved E&SC plan or complete, date and sign an inspection report that lists each E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures are modified after initial installation.
(b) A phase of grading has been completed	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) the maintenance and repair requirements for all E&SC measures have been performed.	Complete, date and sign an inspection report
(e) Corrective actions have been taken to E&SC measures.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the corrective action

The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be kept on site and available for inspection at all times during normal business hours.

2. Additional Documentation to be Kept on Site

In addition to the E&SC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

- This General Permit as well as the Certificate of Coverage, after it is received.
- Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years

All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING
SECTION C: REPORTING

1. Occurrences that Must be Reported

Permittees shall report the following occurrences:

- Visible sediment deposition in a stream or wetland.
- Oil spills if:
 - They are 25 gallons or more,
 - They are less than 25 gallons but cannot be cleaned up within 24 hours,
 - They cause sheen on surface waters (regardless of volume), or
 - They are within 100 feet of surface waters (regardless of volume).
- Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref. 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref. 40 CFR 302.4) or G.S. 143-215.85.
- Anticipated bypasses and unanticipated bypasses.
- Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	Reporting Timeframe (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	- Within 24 hours, an oral or electronic notification. - Within 7 Calendar Days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. - If the stream is named on the NC 303(d) list as impaired for sediment-related caused, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
(b) Oil spills and release of hazardous substances per item 1(b)-(c) above	Within 24 Hours, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]	A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(d) Unanticipated bypasses [40 CFR 122.41(m)(3)]	- Within 24 Hours, an oral or electronic notification - Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment [40 CFR 122.41(l)(7)]	- Within 24 Hours, an oral or electronic notification - Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance. [40 CFR 122.41(l)(6)]. - Division staff may waive the requirement for a written report on a case-by-case basis.

Date:

SECTION E: GROUND STABILIZATION

Required Ground Stabilization Timeframes		
Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQP) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10 feet or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
- Temporary grass seed covered with straw or other mulches and tackifiers. - Hydroseeding - Roller erosion control products with or without temporary grass seed - Appropriately applied straw or other mulch - Plastic sheeting	- Permanent grass seed covered with straw or other mulches and tackifiers - Geotextile fabrics such as permanent soil reinforcement matting - Hydroseeding - Shrubs or other permanent plantings covered with mulch - Uniform and evenly distributed ground cover sufficient to restrain erosion - Structural methods such as concrete, asphalt or retaining walls - Roller erosion control products with grass seed

Page:

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

EARTHEN STOCKPILE MANAGEMENT

1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
3. Provide stable stone access point when feasible.
4. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.

HERBICIDES, PESTICIDES AND RODENTICIDES

1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
2. Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
3. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
4. Do not stockpile these materials onsite.

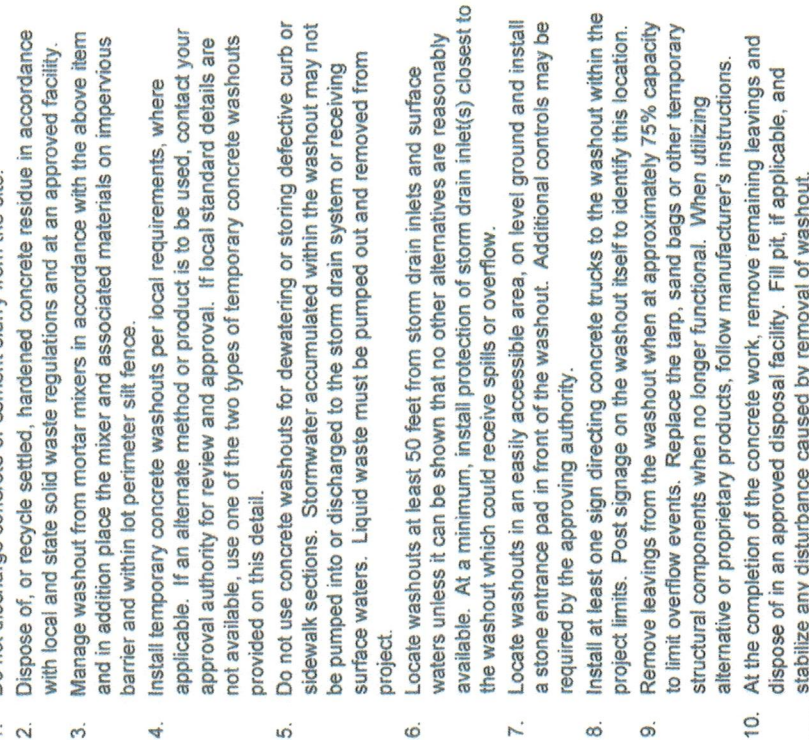
POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
2. Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
3. Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
4. Provide ponding area for containment of treated Stormwater before discharging offsite.
5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

1. Maintain vehicles and equipment to prevent discharge of fluids.
2. Provide drip pans under any stored equipment.
3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
4. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
6. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

CONCRETE WASHOUTS



LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off-site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off-site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

6. Anchor all lightweight items in waste containers during times

6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off-site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

Date:

PART II, SECTION G, ITEM (4)**DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT**

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

- (a) The E&SC plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&SC plan authority has approved these items.
- (b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit.
- (c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sited, designed and maintained dewatering tanks, weir tanks, and filtration systems.
- (d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in Item (c) above.
- (e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
- (f) Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

PART III**SELF-INSPECTION, RECORDKEEPING AND REPORTING****SECTION A: SELF-INSPECTION**

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record. See Self Inspection Timeframes table to the right for guidelines on frequency of inspections and required aspects of records.

Page:

Self Inspection Timeframes

Inspection records must include:

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those unattended days (this will determine if a site inspection is needed). days on which no rainfall occurred shall be recorded as "Zero." The permittee may use another rain-monitoring device approved by the Division.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected 2. Date and Time of the inspection 3. Name of the person performing the inspection 4. Indication of whether the measures were operating properly 5. Description of maintenance needs for the measure 6. Description, Evidence, and date of corrective actions taken
(3) Stormwater discharge outfalls(SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected 2. Date and Time of the inspection 3. Name of the person performing the inspection 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration 5. Indication of visible sediment leaving the site 6. Description, Evidence, and date corrective actions taken
(4) Perimeter of Site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible Sedimentation is found outside site limits, then record of the following shall be made: 1) Actions taken to clean up or stabilize sediment that has left the site limits 2) Description, Evidence and date of corrective actions taken 3) An explanation as to the actions taken to control future releases
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or has visible increased turbidity from the construction activity, then a record of the following shall be made: 1) Description, Evidence and date of corrective actions taken 2) Records of required reports to the appropriate Division Regional Office per Part III, Section C, Item(2)(a) of this permit
(6) Ground Stabilization Measures	After each phase of grading	1. The phase of grading (installation of perimeter E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover) 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or assurance that they will be provided as soon as possible

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

Unofficial Document

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NORTH CAROLINA

CURRITUCK COUNTY BOOK 160 PAGE 226

THIS DEED, made and entered into this 24th day of January, 1979, by and between, BERNARD U. EVANS, JR. and wife, MAVOURNEEN D. EVANS, parties of the first part; to JERRY W. WRIGHT and THOMAS C. WRIGHT, Jarvisburg, North Carolina, parties of the second part:

W I T N E S S E T H :

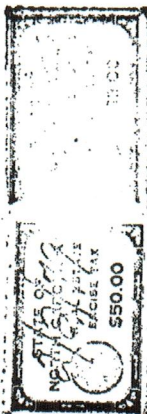
That for and in consideration of the sum of TEN DOLLARS (\$10.00) and other valuable considerations to them in hand paid, receipt of which is hereby acknowledged, the parties of the first part, do hereby give, grant, sell and convey unto the parties of the second part, their heirs and assigns, all that certain property situated in Poplar Branch Township, Currituck County, North Carolina and more particularly described as follows:

BEGINNING at a point located in the Eastern right of way line of U. S. Highway #158, said point being the point of intersection of the South line of the property owned by J. A. Midgett and Mildred Markert with said right of way line; running thence North 75° 51' East 2,968.9 feet to a point; running thence South 47° 27' East 1,273.58 feet to a point; running thence South 79° 15' West 1,066.75 feet to a point, said point being located in the center line of a ditch; running thence South 79° 52' West along the center line of said ditch 687.15 feet to a point, said point being located in the Eastern right of way line of U. S. Highway #158; running thence North 08° 40' West along said highway right of way line 593.4 feet to a point; running thence continuously along said right of way line North 08° 42' West 242.35 feet to a point, said point being the point and place of beginning.

The property herein described is shown and delineated on a plat prepared by Henry Cunningham, Registered Surveyor, entitled: "Lands of B. U. Evans, Jr., Surveyed for sale to Wright Brothers, Poplar Branch Township, Currituck County, N. C., dated December 19, 1978." A copy of said plat is attached hereto designed Exhibit "A" and expressly made a part hereof for a more complete description of said property described herein.

This is a portion of the property conveyed to Mavourneen D. Evans by L. L. Dozier, Sr. and wife, Sudie W. Dozier by deed dated August 3, 1961 and filed for record in the Office of the Register of Deeds of Currituck County in Book 96, at page 50.

LAW OFFICES
WHITE, HALL, MULLEN,
GRUMBINE & SMALL
501 E. Main Street
ELIZABETH CITY, N. C.



Unofficial Document

TO HAVE AND TO HOLD the aforesaid land, together with all privileges and appurtenances thereunto belonging, unto the said parties of the second part, their heirs and assigns, in fee simple absolute forever.

Said parties of the first part covenant to and with the parties of the second part, their heirs and assigns, that they are seized of said land in fee, and have the right to convey the same in fee simple; that the said land is free and clear of all encumbrances; and that they do hereby warrant and will forever defend the title thereto against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the said parties of the first part have hereunto set their hands and seals the day and year first above written.

Bernard U. Evans, Jr. (SEAL)
BERNARD U. EVANS, JR.

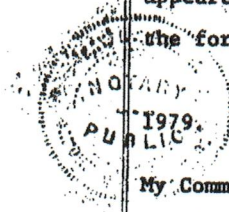
Mavourneen D. Evans (SEAL)
MAVOURNEEN D. EVANS

NORTH CAROLINA

COUNTY OF Currituck

I, the undersigned Notary Public do hereby certify that Bernard U. Evans, Jr. and wife, Mavourneen D. Evans, personally appeared before me this day and acknowledged the due execution of the foregoing deed for the purposes therein expressed.

WITNESS my hand and notarial seal this 26 day of January,



My Comm. expires: July 17, 1983

Kay R. Parker
Notary Public

NORTH CAROLINA

CURRITUCK COUNTY

LAW OFFICES
WHITE, HALL, MULLEN,
BRUMSEY & SMALL
501 E. Main Street
ELIZABETH CITY, N. C.

The foregoing or annexed certificate of Kay R. Parker a Notary Public of Currituck County, N. C. is certified to be correct. This 26 day of January, 1979.

Filed for registration on the
26 day of January, 1979
at 4:45 o'clock PM

Linda H. Patrick
Register of Deeds

Linda H. Patrick
Register of Deeds
By: _____

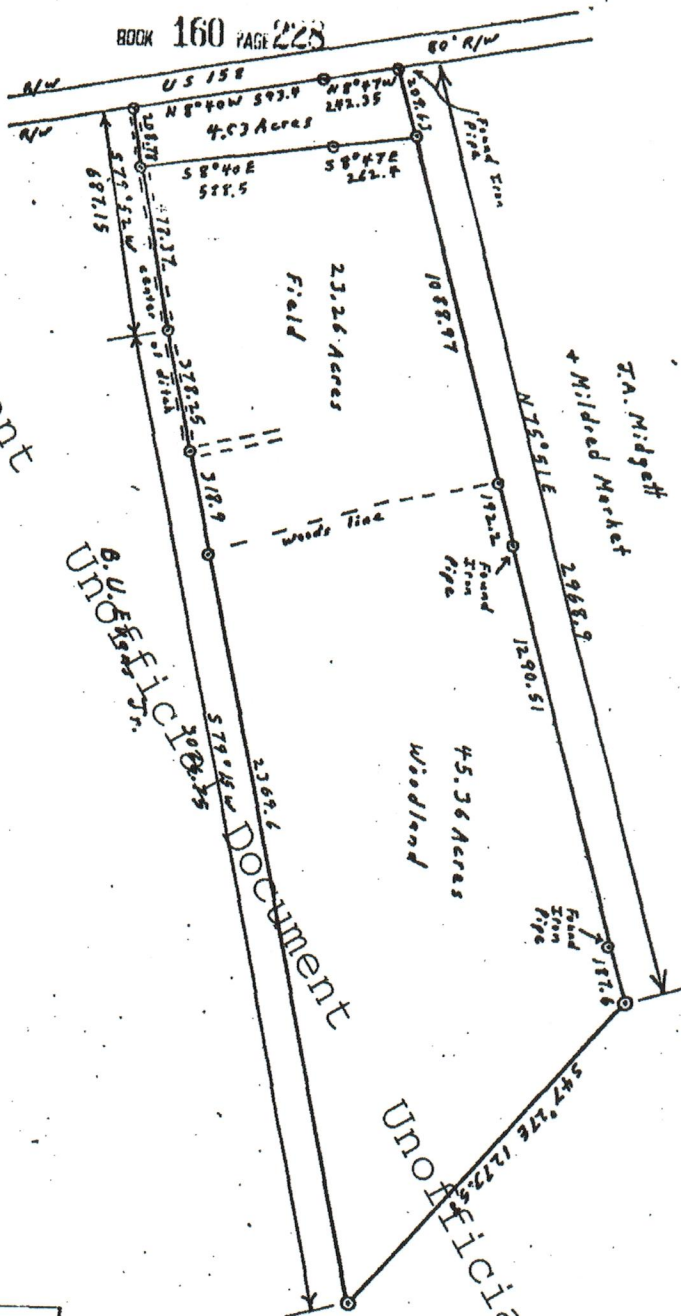
Unofficial Document

EXHIBIT A

Henry Cunningham - registered surveyor - do certify that this map was drawn from actual survey by me, and that the map is drawn in accordance with NC65-77-30 as amended, and is accurate to the best of my knowledge. Witness my hand and seal this 9th day of December 1977.

Henry Cunningham L-1359

Unofficial Document



My commission expires: 6/29/82

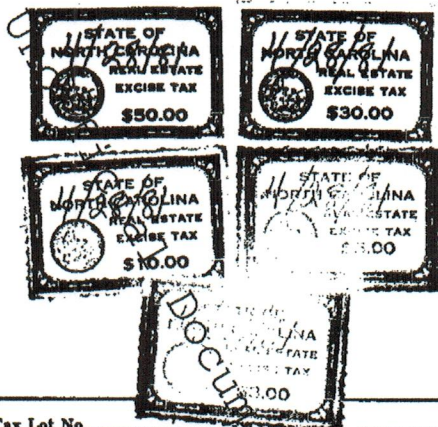
Robert J. Williams, a Notary Public in said county and state do hereby certify that Henry Cunningham did personally appear before me and acknowledged the execution of the above certificate. Witness my hand and seal this 9th day of December 1977.

Robert J. Williams
Notary Public

Lands of
B. U. Evans Jr.
Surveyed For Sale To
Wright Brothers
Poplar Branch Twp.
Currituck Co., N.C.
Date : Dec. 19, 1978
Scale : 1" = 400'

5101

364



BOOK 174 PAGE 734

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Filed for registration on the
24 day of April 1981
at 3:00 o'clock P. M.
Charlton Dandy
Register of Deeds

Recording Time, Book and Page

Tax Lot No. _____ Parcel Identifier No. _____
Verified by _____ County on the _____ day of _____, 19____
by _____

Mail after recording to William Brumsey, III, Attorney at Law
Post Office Box 304, Elizabeth City, NC 27909
This instrument was prepared by William Brumsey, III
Brief description for the Index

NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made this 24 day of April, 1981, by and between

GRANTOR

**BERNARD U. EVANS, JR. and wife,
MAVOURNEEN D. EVANS**

GRANTEE

JERRY W. WRIGHT and THOMAS C. WRIGHT
Jarvisburg
North Carolina 27947

Enter in appropriate block for each party: name, address, and, if appropriate, character of entity, e.g. corporation or partnership.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land situated in the City of _____ Replar Branch Township,

Currituck

County, North Carolina and more particularly described as follows:

BEGINNING AT A POINT marked by an iron pin, said point being located in the eastern right of way line of U. S. Highway No. 158 and said point marking the intersection of the north line of property now or formerly owned by M. T. Quidley with said highway right of way line; running thence North 26° 21' West along said highway right of way line a distance of 400 feet to a point; running thence North 22° 16' West and continuing along said right of way line 247 feet to a point; running thence North 17° 19' West and continuing along said right of way line 250 feet to a point; running thence North 11° 56' West and continuing along said right of way line 260 feet to a point; running thence North 08° 40' West and continuing along said highway right of way line a distance of 530 feet to a point, said point marking the southwest corner of other lands owned by Jerry W. Wright and Thomas C. Wright; running thence North 79° 52' East along the southern line of other properties owned by Jerry W. Wright and Thomas C. Wright a distance of 687.15 feet to a point; running thence North 79° 15' East and continuing along the south line of other property owned by Jerry W. Wright and Thomas C. Wright a distance of 509.35 feet to a point; running thence North 79° 15' East and continuing along said right of way line a distance of 2,557.4 feet to a point; running thence South 52° 12' 26" East a distance of 1,741.3 feet to a point; running thence South 74° 58' 42" West along the north line of the M. T. Quidley property a distance of 4,748.26 feet to a point, said point being the point and place of beginning.

CONTINUED INSIDE)

N.C. Bar Assoc. Form No. 3 © 1976, Revised 1977.

Unofficial Document

BOOK 174 PAGE 735

The property herein described is shown and delineated on plat prepared by Charles E. Brown, III, Registered Surveyor, entitled: "PROPERTY BEING CONVEYED TO JERRY W. WRIGHT AND THOMAS C. WRIGHT, CURRITUCK COUNTY, NORTH CAROLINA, POPLAR BRANCH TOWNSHIP, SCALE 1 INCH = 600 FEET, DATED JANUARY 6, 1981," a copy of said plat being recorded simultaneously with the recordation of this deed and by reference is made a part hereof as if herein set forth verbatim for a more complete description of the property herein described.

See Plat Cabinet A, Page 289.

The property hereinabove described was acquired by Grantor by instrument recorded in

A map showing the above described property is recorded in Plat Book page.....

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated.

Title to the property hereinabove described is subject to the following exceptions:

IN WITNESS WHEREOF, the Grantor has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, the day and year first above written.

(Corporate Name)

By:

President

ATTEST:

Secretary (Corporate Seal)

USE BLACK INK ONLY

Bernard U. Evans, Jr. (SEAL)
Bernard U. Evans, Jr.

Mavourneen D. Evans (SEAL)

Mavourneen D. Evans (SEAL)

SEAL-STAMP

NORTH CAROLINA, Pasquotank County.



I, a Notary Public of the County and State aforesaid, certify that Bernard U. Evans, Jr. and wife, Mavourneen D. Evans, Grantor,

personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 24 day of April, 1981.

My commission expires: November 28, 1981. *James R. Armstrong* Notary Public

SEAL-STAMP

NORTH CAROLINA, Pasquotank County.

I, a Notary Public of the County and State aforesaid, certify that

personally came before me this day and acknowledged that

..... a North Carolina corporation, and that by authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by its

President, sealed with its corporate seal and attested by

Witness my hand and official stamp or seal, this day of

My commission expires: Notary Public

The foregoing Certificate(s) of

James R. Armstrong - Notary of Pasquotank

is/are certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown on the first page hereof.

Charles F. Dawdy REGISTER OF DEEDS FOR *Currituck* COUNTY

By Deputy/Assistant - Register of Deeds

PROPERTY BEING CONVEYED TO

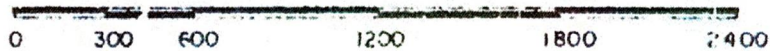
JERRY W. WRIGHT

AND

THOMAS C. WRIGHT

CURRITUCK COUNTY NORTH CAROLINA
POPLAR BRANCH TOWNSHIP

SCALE: 1 INCH = 600 FEET, JAN. 6, 1981



Unofficial Document

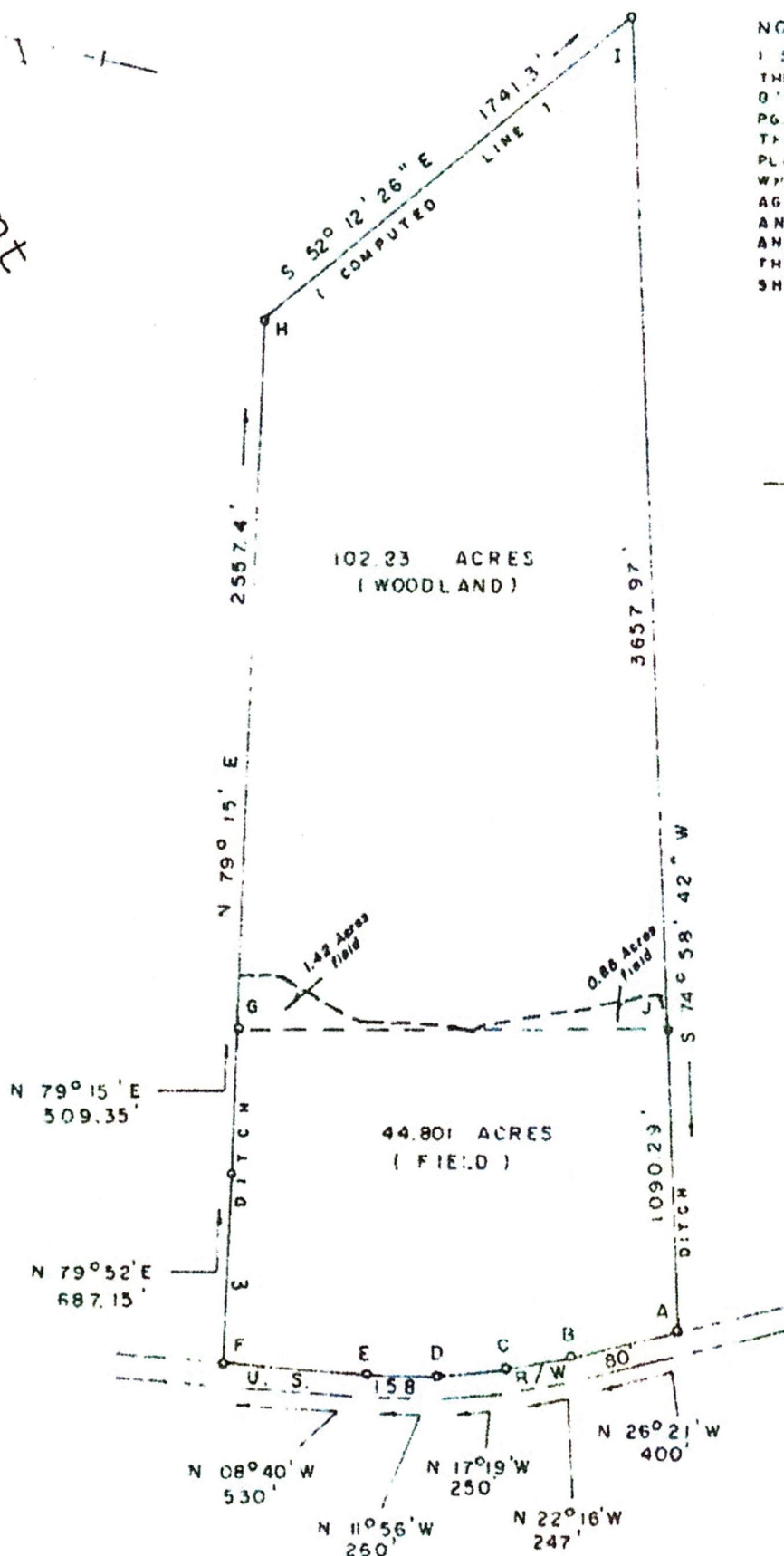
NOTE:

I SURVEYED ONLY THE LINE A, W, C, D, E, F.
THE LINE F, G IS TAKEN FROM PLAT PREPARED
BY HENRY CUNNINGHAM, RECORDED IN 68 160
PG 225.
THE LINE G, H, I, J, A IS TAKEN FROM A
PLAT PREPARED BY HENRY CUNNINGHAM
WHICH IS ATTACHED TO THAT OPTION
AGREEMENT BETWEEN BERNARD M. EVANS, JR.
AND WIFE M. D. EVANS AND JERRY W. WRIGHT
AND THOMAS C. WRIGHT DATED 26, JAN, 1979.
THE BEARINGS ARE REFERENCED TO THOSE
SHOWN ON THE ABOVE REFERENCED PLAT.

102.23 Woodland
44.801 Field
1.42 "
0.86 "

149.311 Acres as per above noted plats.

NOW OR
FORMERLY
EVANS



M. T. QUIDLEY

North Carolina
Pasquotank County

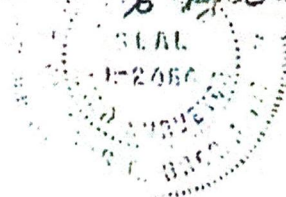
I, Susan P. Denton, a Notary
Public in said County do certify
that Charles E. Brown III personally
appeared before me this date and ac-
knowledged the certification of the
above certificate. Given under my
hand and notarial seal this 2nd
day of January, 1981.

Susan P. Denton
Notary Public

My commission expires:
November 28, 1981

I, Charles E. Brown III, Registered
Surveyor, do certify that this map
was drawn from my actual survey; and
that the map is drawn in accordance
with N.C. GS 47-30 as amended, and is
accurate to the best of my knowledge.
Witness my hand and seal this 2nd
day of January, 1981.

Charles E. Brown III - 2456



Elliott Consulting

202 Elliott Road
PO Box 112
Aydlett, North Carolina 27916
Phone: 252-339-9021

► **Ms. Brittany Cook**

NC Department of Environment and Natural Resources
Division of Energy, Mineral and Land Resources
Stormwater Program
1612 Mail Service Center
Raleigh, North Carolina 27699-1612

Subject: K & S Mine North – Permit Application

Dear Ms. Cook:-

On behalf of Mr. Jennings Smith, Elliott Consulting is requesting review of this NCG020000 Notice of Intent for an NPDES General Permit for Mine Dewatering, slated for development in Poplar Branch Township, Currituck County, North Carolina. The operation is referred to as the K & S Mine North based on applicant preference and includes a total permit area of 44.48 acres.

The following documents are enclosed to support the Application (2 copies of each):

- Application for NCG020000 coverage for proposed dewatering activity.
- Pumping Operation & Maintenance Plan for dewatering activity
- \$127 permit Processing Fee
- Copy of submitted NCDEQ DEMLR Mining Permit Application.
- Copy of submitted NCDEQ DWR Registration Application for Water Usage.
- Mine and Reclamation maps with Adjoinder and construction details
- USGS Quad Site Map

We respectfully ask for your review of the above-listed enclosures as they support the requested mining permit application and NPDES General Permit application for the proposed K & S Mine North. Should you have any questions or need any additional information, please do not hesitate to contact me. We thank you for your time and review of this request.

Regards,



Ken Elliott
Elliott Consulting
2/9/2026

FOR AGENCY USE ONLY

NCG02 _ _ _ _

Assigned to: _____

ARO FRO MRO RRO WARO WIRO WSRO

Division of Energy, Mineral, and Land Resources Land Quality Section
National Pollutant Discharge Elimination System
NCG020000 Notice of Intent

*This General Permit covers **STORMWATER AND/OR WASTEWATER DISCHARGES** associated with activities under **SIC (Standard Industrial Classification) Code 14 [Mineral Mining Industry]** except for: peat mining, coal mining, metal mining, oil and gas extraction, tourist gem mines, NCDOT borrow pits, in-stream sand mining, and discharges from mining operations which are intermixed on site with stormwater from concrete operations. You can find information on the DEMLR Stormwater Program at deq.nc.gov/SW.*

Directions: Print or type all entries on this application. Send the original, signed application with all required items listed in Item (9) below to: **NCDEMLR Stormwater Program, 1612 MSC, Raleigh, NC 27699-1612**. The submission of this application does not guarantee coverage under the General Permit. Prior to coverage under this General Permit a site inspection will be conducted.

1. Owner/Operator (to whom all permit correspondence will be mailed):

Name of legal organizational entity: Jennings Smith		Legally responsible person as signed in Item (10) below: Jennings Smith	
Street address: PO Box 2025		City: Manteo	State: NC
Telephone number: 252-421-0617		Zip Code: 27954	
Email address: jsmithland1221@icloud.com			
Type of Ownership: Government ☐ County ☐ Federal ☐ Municipal ☐ State Non-government ☐ Business (If ownership is business, a copy of NCsos report must be included with this application) ☒ Individual			

2. Industrial Facility (facility being permitted):

Facility name: K & S Mine North		Facility environmental contact: Jennings Smith	
Street address: 5243 Caratoke Highway		City: Poplar Branch	State: NC
Parcel Identification Number (PIN) 0083000006A0000, 0083000006B0000, 008300000080000		Zip Code: 27965	
County: Currituck			
Telephone number: 252-421-0617		Email address: jsmithland1221@icloud.com	
Latitude of entrance: 36.310533 N		Longitude of entrance: -75.932762 W	
4-digit SIC code: 1221	Facility is: ☒ New ☐ Proposed ☐ Existing	Date operation is to begin or began: March 2026	
Types of minerals mined at this facility: ☐ Clay ☐ Feldspar Ore ☐ Lithium Ore ☐ Phosphate ☒ Soil ☒ Construction Sand ☐ Industrial Sand ☐ Other:			

Is this a processing-only facility for materials mined elsewhere? ☐ Yes ☒ No	Is this an inactive mine site? ☐ Yes ☒ No
Does total area of this mine site include ready-mixed concrete plant and/or asphalt plant areas? ☐ Yes, and has separate NPDES stormwater permits (provide permit numbers): ☐ Yes, and does not have separate NPDES stormwater permits ☒ No	
Does this facility already have a valid Mining Permit from DEMLR's Land Quality Section? ☐ Yes (please provide the Mining Permit Number) ☒ No (please indicate the status of the Mining Permit application) Application in process, copy attached.	
Are you applying for a discharge permit in the same location as a previously permitted mine? ☐ Yes (please provide permit number and mine name) ☒ No	
If the stormwater discharges to a municipal separate storm sewer system (MS4), name the operator of the MS4: ☒ N/A	

3. Consultant (if applicable):

Name of consultant: Kenneth Elliott	Consulting firm: Elliott Consulting		
Street address: PO Box 112	City: Aydlett	State NC	Zip Code 27916
Telephone number: 252-339-9021	Email address: ken@kenobx.com		

4. Development Activities and Buffers

Mining operation will precede development activities at this site: ☐ Yes ☒ No
Mine is located within one of the 20 Coastal Counties, and will it add more than 10,000 ft ² of impervious surface: ☐ Yes (to both) ☒ No, this mine is within one of the 20 Coastal Counties, but will not at more than 10,000 ft ² of impervious surface ☐ No, this mine is not within one of the 20 Coastal Counties
Mine is in the Neuse, Tar-Pamlico, or Catawba River Basins, OR in the Randleman or Jordan Water supply Watersheds? ☐ Yes (specify size of stream buffers) ☒ No
Mine site will include wastewater discharges from a ready-mix concrete batch plant? ☐ Yes (please seek additional coverage under General Permit NCG140000: Ready-Mix Concrete) ☒ No

5. Mine Dewatering

Mine dewatering will occur at this site: ☒ Yes ☐ No (mark N/A for the rest of this section)
Mine dewatering from this facility will be discharged to: ☒ Surface Waters and/or Wetlands ☐ Other (specify) ☐ Mine will not discharge dewatering to Surface Waters and/or Wetlands; specify how dewatering will occur and where water will be directed: ☐ N/A

Wetlands and/or Surface Waters are within 400' of the mine pit perimeter: ☒ Yes (specify distance) 390 ft ☐ No ☐ N/A	404/401 Certification permits required: ☐ Yes (briefly describe) ☒ No ☐ N/A
Have you been required to obtain a wetland delineation certified by the US Army Corps of Engineers? ☐ Yes (please attach to this application) ☒ No	

6. Wastewater Treatment

Will this facility wash mined materials? ☐ Yes ☒ No
Will discharges of process wastewater treatment systems occur (including possible recycle system overflows) ☐ Yes (please describe) ☒ No
Will this facility employ chemical additives to flocculate suspended solids? ☐ Yes (specify name/manufacturer/quantity of daily use) ☒ No Note: please visit: https://files.nc.gov/ncdeg/Water+Quality/Environmental+Sciences/ATU/PAM8_30_18.pdf for list of approved PAMS
Will any of the wastewater treatment facilities at this mine overflow only during rainfall events that exceed the 10-yr, 24-hr rainfall event? ☐ Yes (specify which systems) ☒ No
Are wastewater treatment facilities (including recycle systems) planned in the 100-year flood plain? ☐ Yes ☒ No
Wastewater Treatment Alternative Review as required by 15A NCAC 2H.0105(c)(2)
Types of wastewater this mine site will discharge: ☒ Mine Dewatering ☐ Process Wastewater
Types of wastewater considered for this alternative review: ☒ Mine Dewatering ☐ Process Wastewater
Are there existing sewer lines within a one-mile radius? ☐ Yes ☐ Wastewater treatment plant will accept wastewater ☐ Is feasible to connect (explain) ☐ Is not feasible to connect (explain) ☐ Wastewater treatment plant will not accept wastewater (please attach letter documenting this) ☒ No

Are you already proposing a closed-loop recycle system (CLRS) that meets design requirements of 15A NCAC 2T .10000?

☐ Yes, for dewatering

☐ Yes, for process wastewater

☐ Yes, for both

☐ No, this option is *technologically* feasible (explain)

☒ No, this option is not *technologically* feasible (explain) Inadequate space for system.

☐ No, this option is otherwise feasible (explain)

☐ No, this option is otherwise not feasible (explain)

What is the feasibility of building a CLRS compared to direct surface water discharge?
 Building and maintaining a treatment system prior to discharge is more feasible than a CLRS.

Surface or Subsurface Disposal System

☐ A surface or subsurface disposal system is *technologically* feasible (explain)

☒ A surface or subsurface disposal system is not *technologically* feasible (explain) Inadequate space and power source.

☐ A surface or subsurface disposal system is otherwise feasible to implement (explain)

☐ A surface of subsurface disposal system is not otherwise feasible to implement (explain)

What is the feasibility of employing a subsurface of surface discharge as compared to a direct discharge to surface waters?
 Building and maintaining a treatment system prior to discharge is more feasible than a subsurface or surface discharge system.

Direct Discharge to surface waters is the most environmentally sound alternative to all reasonably cost-effective options for the wastewaters being considered?

☒ Yes

☐ No

If this review included all wastewater discharge types, would excluding some types make any of the above non-discharge options feasible for some the wastewaters?

☐ Yes

☒ No

7. Outfalls(s) At least one outfall is required to be eligible for coverage.

3-4 digit identifier: SDO-1	Name of receiving water: Currituck Sound	Classification: SC	☐ This water is impaired. ☐ This watershed has a TMDL.
Discharge from this outfall is from: ☐ Stormwater ☒ Mine Dewatering ☐ Process Wastewater			
7Q10 Flow of receiving waterbody (if discharging Mine Dewatering or Process Wastewater to waters classified as HQW, ORW, Tr, WS-I, WS-II, WS-III, SA, or PNA):			
Discharge occurs from this outfall:			
☐ Only during a rainfall event	☒ Intermittently (indicate how often) Waterfowl impoundment, controlled release	☐ Continuously (indicate flow in CFS)	
Latitude of outfall: 36.310637 N		Longitude of outfall: -75.925461 W	
Brief description of the industrial activities that drain to this outfall: Sand mine dewatering			
Do Vehicle Maintenance Activities occur in the drainage area of this outfall? ☐ Yes ☒ No			
If yes, how many gallons of new motor oil are used each month when averaged over the calendar year?			

3-4 digit identifier: SDO-2	Name of receiving water: Currituck Sound	Classification: SC	☐ This water is impaired. ☐ This watershed has a TMDL.
--------------------------------	---	-----------------------	---

Discharge from this outfall is from:			
☐ Stormwater ☒ Mine Dewatering ☐ Process Wastewater			
7Q10 Flow of receiving waterbody (if discharging Mine Dewatering or Process Wastewater to waters classified as HQW, ORW, Tr, WS-I, WS-II, WS-III, SA, or PNA):			
Discharge occurs from this outfall:			
☐ Only during a rainfall event		☒ Intermittently (indicate how often) Waterfowl impoundment, controlled release	
☐ Continuously (indicate flow in CFS)			
Latitude of outfall: 36.306663 N		Longitude of outfall: -75.924091 W	
Brief description of the industrial activities that drain to this outfall: Sand Mine dewatering			
Do Vehicle Maintenance Activities occur in the drainage area of this outfall? ☐ Yes ☒ No			
If yes, how many gallons of new motor oil are used each month when averaged over the calendar year?			
3-4 digit identifier:	Name of receiving water:	Classification:	☐ This water is impaired. ☐ This watershed has a TMDL.
Discharge from this outfall is from:			
☐ Stormwater ☐ Mine Dewatering ☐ Process Wastewater			
7Q10 Flow of receiving waterbody (if discharging Mine Dewatering or Process Wastewater to waters classified as HQW, ORW, Tr, WS-I, WS-II, WS-III, SA, or PNA):			
Discharge occurs from this outfall:			
☐ Only during a rainfall event		☐ Intermittently (indicate how often)	
		☐ Continuously (indicate flow in CFS)	
Latitude of outfall:		Longitude of outfall:	
Brief description of the industrial activities that drain to this outfall:			
Do Vehicle Maintenance Activities occur in the drainage area of this outfall? ☐ Yes ☐ No			
If yes, how many gallons of new motor oil are used each month when averaged over the calendar year?			
3-4 digit identifier:	Name of receiving water:	Classification:	☐ This water is impaired. ☐ This watershed has a TMDL.
Discharge from this outfall is from:			
☐ Stormwater ☐ Mine Dewatering ☐ Process Wastewater			
7Q10 Flow of receiving waterbody (if discharging Mine Dewatering or Process Wastewater to waters classified as HQW, ORW, Tr, WS-I, WS-II, WS-III, SA, or PNA):			
Discharge occurs from this outfall:			
☐ Only during a rainfall event		☐ Intermittently (indicate how often)	
		☐ Continuously (indicate flow in CFS)	
Latitude of outfall:		Longitude of outfall:	
Brief description of the industrial activities that drain to this outfall:			
Do Vehicle Maintenance Activities occur in the drainage area of this outfall? ☐ Yes ☐ No			
If yes, how many gallons of new motor oil are used each month when averaged over the calendar year?			
3-4 digit identifier:	Name of receiving water:	Classification:	☐ This water is impaired. ☐ This watershed has a TMDL.
Discharge from this outfall is from:			
☐ Stormwater ☐ Mine Dewatering ☐ Process Wastewater			
7Q10 Flow of receiving waterbody (if discharging Mine Dewatering or Process Wastewater to waters classified as HQW, ORW, Tr, WS-I, WS-II, WS-III, SA, or PNA):			
Discharge occurs from this outfall:			

☐ Only during a rainfall event	☐ Intermittently (indicate how often)	☐ Continuously (indicate flow in CFS)
Latitude of outfall:		Longitude of outfall:
Brief description of the industrial activities that drain to this outfall:		
Do Vehicle Maintenance Activities occur in the drainage area of this outfall? ☐ Yes ☐ No		
If yes, how many gallons of new motor oil are used each month when averaged over the calendar year?		

All outfalls **must** be listed and **at least one outfall is required**. Additional outfalls may be added in the section "Additional Outfalls" found on the last page of this NOI.

8. Other Facility Conditions (check all that apply and explain accordingly):

☐ This facility has other NPDES permits. If checked, list the permit numbers for all current NPDES permits: N/A	
☐ This facility has Non-Discharge permits (e.g. recycle permit). If checked, list the permit numbers for all current Non-Discharge permits: N/A	
☒ This facility uses best management practices or structural stormwater control measures. If checked, briefly describe the practices/measures and show on site diagram: 200' paved construction entrance, sediment pond, riprap outfall protection, berm around active areas of mine, positive stormwater drainage into pit.	
☒ This facility has a Stormwater Pollution Prevention Plan (SWPPP). If checked, please list the date the SWPPP was implemented: SWPPP is under development, eta April 2026	
☐ This facility stores hazardous waste in the 100-year floodplain. If checked, describe how the area is protected from flooding: N/A	
☐ This facility is a (mark all that apply) ☐ Hazardous Waste Generation Facility ☐ Hazardous Waste Treatment Facility ☐ Hazardous Waste Storage Facility ☐ Hazardous Waste Disposal Facility N/A	
If checked, indicate:	
Kilograms of waste generated each month:	Type(s) of waste:
How material is stored:	Where material is stored:
Number of waste shipments per year:	Name of transport/disposal vendor:
Transport/disposal vendor EPA ID:	Vendor address:
☐ This facility is located on a Brownfield or Superfund site If checked, briefly describe the site conditions: N/A	
☐ Facility provides appropriate secondary containment for bulk storage of liquid materials If checked, briefly describe these measures: N/A	
☐ Site has an active landfill within the mining permit boundary If checked, please indicate type: N/A a) ☐ LCID (Land clearing and Inert Debris) b) ☐ other (specify)	

9. Required Items (Application will be returned unless all of the following items have been included):

☒ Check for \$127 made payable to NCDEQ
☐ Copy of most recent Annual Report to the NC Secretary of State (if applicable)
☒ This completed application and any supporting documentation
☒ Copy of the approved mining permit or indication of mining permit application status Application attached.
☐ Copy of US Army Corps – approved wetland delineation (if applicable)
☒ Line drawing of the water flow through the facility or block flow diagram
☒ Pictorial description of the nature of any sources of water and any collection and treatment measures
☒ A site diagram showing, at a minimum, existing and proposed: a) outline of drainage areas b) surface waters c) stormwater management structures d) location of stormwater outfalls corresponding to the drainage areas e) runoff conveyance features f) areas where process materials are stored g) impervious areas h) site property lines
☒ 2 copies of large scale (24"x36" minimum) site plan showing: a) topographical lines b) all outfall locations c) applicable buffers and delineated wetlands d) receiving waters e) 100-year flood plain (if applicable)
☒ Copy of county map or USGS quad sheet with the location of the facility clearly marked
If mines site is in one of the 20 Coastal Counties (if applicable)
☒ Applicant has check with the appropriate regional office to verify the need for a Coastal State Stormwater permit. a) Indicate the Regional Office Contact: WaRO Bill Moore
☒ Detailed list of: a) impervious surface areas and percentages b) sub-drainage areas c) total drainage area
If mine is dewatering and near wetlands, or may otherwise impact surface waters or groundwater
☒ 2 copies of large scale (24"x36" minimum) plans delineating areas on the listing acreage including: a) wetlands b) ditches c) well-placements d) pits e) borrow areas f) overburden storage g) stormwater controls/BMPs h) vehicle maintenance areas i) settling basins j) product process (such as screening, stockpiles, and waste piles) k) total drainage area l) impervious surface percentages (if state Stormwater programs apply) m) applicable buffers n) access and/or haul roads
☒ Pump dewatering size and information on its specifications

☐	Well information (design, depths, maintenance)
☒	Physical monitoring for the wetland areas
☒	Settling pond size information, if applicable
☐	Level spreader design, if applicable
☒	Details about dewatering method
☐	Cone of influence calculations
☒	Description of measures to prevent erosion and flooding
☐	Description and information about 401/404 permits that have been obtained
☐	Copy of US Army Corps of Engineers wetlands delineations or approved wetland delineation (if applicable)
☒	I have contacted my local regional office about a Pumping Operation and Monitoring (POM) plan
a)	Regional Office Contact: WaRO Bill Moore
b)	Date Contacted: January 21, 2026

10. Applicant Certification:

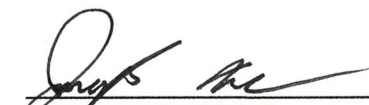
North Carolina General Statute 143-215.6B (i) provides that: Any person who knowingly makes any false statement, representation, or certification in any application, record, report, plan, or other document filed or required to be maintained under this Article or a rule implementing this Article . . . shall be guilty of a Class 2 misdemeanor which may include a fine not to exceed ten thousand dollars (\$10,000).

Under penalty of law, I certify that:

- ☒ I am the person responsible for the permitted industrial activity, for satisfying the requirements of this permit, and for any civil or criminal penalties incurred due to violations of this permit.
- ☒ The information submitted in this NOI is, to the best of my knowledge and belief, true, accurate, and complete based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information.
- ☒ I will abide by all conditions of the NCG020000 permit. I understand that coverage under this permit will constitute the permit requirements for the discharge(s) and is enforceable in the same manner as an individual permit.
- ☒ I hereby request coverage under the NCG020000 General Permit.

Printed Name of Applicant: Jennings Smith

Title: Mine operator


(Signature of Applicant)

January 26, 2026
(Date Signed)

Mail the entire package to: DEMLR – Stormwater Program
Department of Environmental Quality
1612 Mail Service Center
Raleigh, NC 27699-1612

PUMPING OPERATION AND MAINTENANCE PLAN
SAND MINE DEWATERING WITH SEDIMENTATION POND

Operator: Jennings Smith, PO Box 2025, Manteo, NC 27954

Job Location: K & S Mine North, 5243 Caratoke Highway, Coinjock, NC 27923

County: Currituck County

Prepared by: Ken Elliott, consulting

Date: February 9, 2026

This plan defines responsibilities for operating, inspecting, and maintaining equipment and structures used for dewatering the K & S Mine North safely, and that dewatering will not degrade or negatively impact wetlands or waters of the state.

Description and Current State of the K & S Mine North mine site and Mining Application:

The K & S Mine North is a proposed 12.11-acre sand mine excavation to be operated by Jennings Smith, applicant, in a 44.48-acre permit area, of which 19.71 acres will be affected, located at 5243 Caratoke Highway, in Poplar Branch, NC in Currituck County. The permit area is on cultivated, sandy land at 10-ft to 12-ft elevation, leased by Jennings Smith from Thomas C. & Jerry W. Wright, PO Box 24, Jarvisburg, NC 27947. The site is adjacent to Maple Swamp, which drains northward to Currituck Sound.

In January 2025, the applicant received an approved zoning compliance permit from Currituck County Planning Dept. to construct a 0.59-acre sand pit excavation adjacent to an existing 0.27-acre farm pond on the subject property. This excavation is located inside the proposed State mining permit area and will serve as a 0.86-acre water distribution control pond for the proposed State-permitted excavation.

Currently Jennings Smith is applying for a mining permit with the NCDEQ Division of Energy, Mineral and Land Resources to construct the sand mine and begin operation in April 2026. An NPDES General Permit application for dewatering is being submitted to NCDEQ and registration for water usage has been submitted to the Division of Water Resources. A Stormwater Pollution Prevention Plan is under development and will be implemented upon approval of the discharge permit application.

Sand Mine Dewatering:

It will be necessary to dewater the pond as it is being excavated to allow excavating equipment to enter the area safely and efficiently remove sand from the pond bottom. This will allow for full permitted depth of excavation of the pond and proper reclamation of the edges of the pond. It is the intention of the operator to only dewater the excavation as needed, which will not entail full-time dewatering.

For excavation purposes, dewatering will occur intermittently 12 hrs/day upon need. The operator plans to excavate approximately 25,000 cubic yards of sand at a time while dewatering and stockpile it for later usage. Once the stockpiled sand is depleted, the operator will dewater the excavation again and remove another quantity of sand.

Mine dewatering wastewater will be treated before release to the Waters of the State. Use of a sedimentation pond separate from the excavated mine is a traditional and effective means to remove sediment from wastewater generated during mine dewatering operations.

The K & S Mine North will dewater the excavation into three existing waterfowl impoundments adjacent eastward to the mining activity area. The impoundments are connected by ditches that will allow water removed from the excavation to be beneficially distributed to the impoundments according to the landowner's requirements. The impoundments will serve as separate sediment ponds and are herewith designated as Sediment Pond A (5.71 acres), Pond B (9.78 acres), and Pond C (3.15 acres). All waterfowl impoundment ponds, and interconnecting ditches were originally constructed in approximately 1990.

In addition, water removed from the excavation will also be distributed to a dead-end ditch that supplies water to the Muddy Motor Sports Park, which is recreational race park for custom off-road trucks. This ditch and adjacent berm were constructed in approximately 2009.

Water Distribution Control Pond and Sediment Pond / Impoundment Construction Detail:

The operator plans to utilize the existing 0.86-acre sand pit located 25 feet north of the main excavation area as a water distribution control pond for dewatering the main pond. The control pond will have water height control culverts on the east and west ends to maintain the amount of dewatering volume. There will be a minimum of 1.5 feet of freeboard between the water surface and the top of the control pond bank.

Water flowing westward from the control pond will enter a 24-ft wide by 950-ft long existing dead-end ditch leading towards Muddy Motor Sports and will remain in the ditch to be used as a water supply source for the mud park.

Water flowing eastward from the control pond will enter 20-ft wide ditches which are inter-connected to ditches supplying water to waterfowl impoundment/sediment Ponds A, B, and C. Water in the ditches is controlled by culverts with shutoff valves and water height control devices. Water can enter the ponds individually or collectively according to the landowner's requirements.

Most of the water in Ponds A, B, and C will remain in the ponds indefinitely and infiltrate to natural groundwater level without ever leaving the pond. It is the desire of the landowner to always maintain a shallow water level in the impoundments year-round to serve as waterfowl habitat.

Sediment Ponds A, B, and C are all existing shallow, heavily foliated above-ground ponds fully surrounded by foliated 6-ft tall berms. All berms are wide and used by vehicle traffic. Each pond has an inside perimeter ditch and cross ditches to help distribute water evenly in the impoundment. Culverts running through the berms from outside distribution ditches control water coming into and out of the ponds. Culverts and ditches are shown on the mining maps.

If needed, excess water in Ponds A, B, and C will be allowed to discharge to Maple Swamp through two existing half-pipe riser water height control devices (SDO-1 and SDO-2) located in the southeast corner of Pond B and the southeast corner of Pond C, locations shown on the mining map.

The control structure will allow water to flow across the flash boards into a 24' long x 18" wide PVC discharge pipe running southward through the sediment pond berm to an outlet discharging to a 20-foot-long riprap-protected apron in the discharge ditch, leading immediately to Maple Swamp. From there, discharge water will drain 3.0 miles to Currituck Sound.

Dewatering Procedure:

The operator will install an 8-inch dewatering pump between the main excavation and control pond at the north end of the excavation. Discharged water from the dewatering pump will enter the control pond on its south side and will flow through culverts and ditches supplying the impoundments and Muddy Motor Sports. All water removed from the excavation will stay inside the permit area unless released through the two regulated water height controls on Ponds B and C.

Water will be pumped from the excavated pond to the control pond by an 8-in gasoline-powered transfer pump operating at idle speed, approximately 1100 rpm. Estimated maximum flow from the pump will be 8,000 gallons/hour, operating 12 hours per day, 0.096-mgd. It is the intention of the operator to lower the water level in the excavation approximately 20 - 25 feet below normal ground level as needed.

Time and distance will allow all sedimentation to occur to acceptable levels before the overflow water reaches its outfall and then the waters of the State. Most sedimentation will occur in the impoundments themselves. Water will flow a minimum of 1700 feet to reach the SDO-1 overflow point which will give enough surface area to allow sufficient sedimentation to occur. SDO-2 overflow point is located 3000 feet from the control pond. There will be a minimum of 3 feet of freeboard between the water surface in the sediment pond and the top of the sediment pond bank.

Wetlands Protection:

Removing water from the excavation using a sedimentation pond with overflow is a valid dewatering method for this size excavation. The pond can be dewatered quickly, and water removed from the pond will be used to uniformly hydrate adjacent wetlands.

Once dewatered, excavation activity will be focused on removing sand from the pond as quickly as possible to shorten the periods of dewatering. This will allow the groundwater level in the pond to return to normal as soon as possible to lessen possible impacts to adjacent wetlands, once dewatering ceases.

Groundwater Control:

Groundwater levels are not expected to be impacted in areas outside of the immediate excavated dewatering area. Groundwater levels are expected to remain stable despite dewatering of the excavation. One small office building located at Muddy Motor Sports is 400 feet from the excavation edge. The next closest known groundwater well is located 1500 feet from excavation edge. All buildings are served by Currituck County Water System.

Sedimentation and Erosion Control:

The operator will maintain a minimum 25-ft wide unexcavated buffers on all sides of excavation activity. Existing impoundment / sediment ponds will be undisturbed by mining activity.

All erosion and sedimentation will remain inside the permit area. Stormwater falling inside the active mining area will be directed to drain into the excavation or sediment pond distribution ditches by diversion drains.

Maintaining the Dewatering Equipment and Erosion Control Measures:

Inspections and maintenance are required to obtain the intended function of safely dewatering the sand mine, and to maintain the life of any nearby wetlands or waters of the State. Items to inspect and maintain during the anticipated 10-year life of the mine dewatering permit are:

- Inspect embankments, berms and appurtenant structures, and repair as needed.
- Monitor overflow ditches for damage or stoppage from beaver activity, repair as needed.
- Repair any damage to vegetated areas or berms with compacted earth fill, reshaping, sodding, reseeding, and mulching as needed.
- Promptly repair all leaks in delivery facilities by replacing valves, fittings, gaskets, and worn or damaged parts.
- Maintain all screens, filters, valves, timers, and other electrical and mechanical equipment in good operating condition, following manufacturer's recommendations.

Monitoring the Dewatering Process and Effects of Dewatering:

Analytical and qualitative monitoring of mine dewatering wastewater will be in accordance with the NCG020000 permit, as follows:

- The K & S Mine North will discharge dewatering wastewater into Maple Swamp draining three miles to Currituck Sound, classified as SC.
- Per requirements of the NPDES permit, discharge water will be sampled quarterly and analyzed for pH, Total Suspended Solids (TSS), turbidity, Enterococcus, and salinity. Samples with benchmark exceedances will require the operator to increase sampling, per NPDES permit, until sample results are cleared.
- All excavated ponds in the K & S Mine North excavation area will be inspected daily by the operator to identify any abnormal conditions.
- All berms and erosion control structures will be inspected for damages monthly and within 24 hours after every storm event greater than 1.5 inches, and all structures will be repaired immediately.
- Special inspections will be conducted immediately following severe storms, vandalism, and other significant events.
- Dewatering process will be inspected daily during periods of dewatering the excavation.

- Rain gauge data will be collected by monitoring local rain gauge data monthly and after each rain event.

Wetlands Monitoring:

Wetlands are located eastward of the proposed mine site. Level 1 wetlands landscape assessment by US Fish & Wildlife Service indicate one type of wetlands near the parcel in question:

- PFO1Cd – Freshwater Forested/Shrub Wetland, seasonally flooded, ditched, 375 ft south of excavation boundary with sediment ponds / impoundments located in between.

Level 2 wetlands assessment has not been performed on the site. Discharge ditches will serve as hydration devices to help maintain normal groundwater levels. Operator will monitor drainage ditches weekly to always ensure presence of water in the ditch.

Records

Data will be collected as follows:

- Visual monitoring of nearby wetlands and farmland for potential dehydration during mining or dewatering activities will take place weekly. Solutions to any degradation caused by any mining activity will include alteration of dewatering process. DWQ will be consulted as needed; alterations to process will be recorded.
- Elliott Consulting will maintain the following records in a permanent file at the Elliott Consulting office at PO Box 112, 202 Elliott Road, Aydlett, NC 27916: a record of all significant actions taken; as-built drawings; permits; analytical results from sampling; and related material. Copies of all inspections, monitoring reports and lab analyses shall be provided to NCDWQ on a regular basis and as requested.
- Stormwater Pollution Prevention Plan and other pertinent documents and records will be available online for inspection at www.jsmithsand-sp3.com.

BMP Conditions

- The permittee will utilize best management practices to ensure that dewatering the K & S Mine North excavation will not degrade or negatively impact any wetlands or waters of the State. BMP's will include:
 - All berms and erosion control and sedimentation control structures will be inspected for damages monthly and within 24 hours after every storm event greater than 1.5 inches, and all structures will be repaired immediately.
 - A paved construction entrance will be maintained at intersection of the mine access roads and Caratoke Highway. Other mine access roads will have gravel installed and maintained for all-weather use.
 - Operator will maintain riprap outfall protection on the overflow drainage ditch downstream of sediment pond.

- Groundcover will be established on all sections of the permit area when not in use by mining activities.

Signed,



Ken Elliott
for Jennings Smith, Operator
K & S Mine North, Poplar Branch, NC
February 9, 2026

Elliott Consulting

202 Elliott Road
PO Box 112
Aydlett, North Carolina 27916
Phone: 252-339-9021

▶ **Mr. John Barr**

NC Department of Environmental Quality
Division of Water Resources
1611 Mail Service Center
Raleigh, North Carolina 27699-1611

Subject: K & S Mine North – Water Withdrawal & Transfer Registration

Dear Mr. Barr:

On behalf of Mr. Jennings Smith, Elliott Consulting requests review of this Water Withdrawal & Transfer Registration for mine dewatering, slated for development in Poplar Branch Township, Currituck County, North Carolina. The operation is referred to as K & S Mine North based on company preference and includes a total mining permit area of 44.48 acres.

The following documents are enclosed to support the Application (2 copies of each):

- Application for Water Withdrawal Registration for proposed dewatering activity.
- \$50 registration processing fee.
- Mine and Reclamation Maps
- USGS Quad Site Map

We respectfully ask for your review of the above-listed enclosures as they support the requested water usage registration for dewatering at the proposed K & S Mine North. Should you have any questions or need any additional information, please do not hesitate to contact me. We thank you for your time and review of this request.

Regards,



Ken Elliott
Elliott Consulting
February 9, 2026

WATER WITHDRAWAL AND TRANSFER REGISTRATION

Reporting Year _____

NCDEQ
Division of Water Resources
1611 Mail Service Center
Raleigh, NC 27699-1611
Tel: (919) 707-9021
Fax: (919) 733-3558
Web: <http://www.ncwater.org>

SECTION 1: FACILITY INFORMATION

1-A. Facility Name:	<u>K & S Mine North</u>		For Office Use Only	
1-B. Owner Name:	<u>Jennings Smith</u>		Registration #:	
1-C. Address:	<u>Facility - 5243 Caratoke Hwy.</u>			
City:	<u>Poplar Branch</u>	State:	<u>NC</u>	Zip Code: <u>27965</u>
1-D. County:	<u>Currituck</u>	1-E. River Sub-Basin:	<u>Pasquotank</u>	
1-F. Contact Person:	<u>Jennings Smith</u>	1-G. Title:	<u>Operator</u>	
1-H. Telephone:	<u>() 252-421-0617</u>	1-I. Fax:	<u>() -</u>	
1-J. Email:	<u>jsmithland1221@icloud.com</u>			
1-K. Water Use Type (select one):				

- | | |
|---|--|
| ☐ Agriculture-aquaculture | ☐ Industrial-metal/plastic/fiberglass manufacturing |
| ☐ Agriculture-row-crop farming and research | ☐ Industrial-animal processing |
| ☐ Agriculture-land drainage/waterfowl impoundments | ☐ Industrial-textile manufacturing |
| ☐ Agriculture-plant nursery | ☐ Industrial-wood/paper products |
| ☐ Agriculture-sod and turf production | ☐ Industrial-environmental remediation |
| ☐ Agriculture-Christmas tree production | ☒ Mining-mineral extraction |
| ☐ Agriculture-animal production | ☐ PWS-drinking water (ID# _____) |
| ☐ Energy-hydropower | ☐ Recreation-temporary filling of ponds |
| ☐ Energy-pipeline testing (temporary) | ☐ Recreation-golf course |
| ☐ Energy-thermal-electric (steam-electric power, nuclear, turbine generator) | ☐ Recreation-snow making |
| ☐ Industrial-chemical and pharmaceutical manufacturing/processing | ☐ Recreation-water sports |

SECTION 2: WITHDRAWAL INFORMATION

2-A. Average daily withdrawal and maximum day withdrawal by month in million gallons per day (MGD).

Month	# of Days Used	Average Daily Withdrawal (MGD)	Maximum Day Withdrawal (MGD)	Month	# of Days Used	Average Daily Withdrawal (MGD)	Maximum Day Withdrawal (MGD)
Jan				July			
Feb				Aug			
Mar				Sep			
Apr				Oct			
May				Nov			
Jun				Dec			

2-B. Ground Water Information – Please complete a row for each ground water withdrawal source used in 2009.

Well or Sump Identifier	Latitude (35.123456)	Longitude (-77.123456)	Well Depth (Feet)	Pump Intake Depth (Feet)	Screen Depth		Well Diameter (Inches)	Average Daily Withdrawal (MGD)	# of days used	Pumping Capacity (MGD)
					Top (Feet)	Bot (Feet)				

2-C. Surface Water Information – Please complete a row for each surface water withdrawal source used in 2009.

Source Identifier	* Source Type	Latitude (35.123456)	Longitude (-77.123456)	Average Daily Withdrawal (MGD)	# of days used	Sub-Basin	Pumping Capacity (MGD)
Mine Excavation	Quarry	36.311300 N	-75.928680 W	0.096		Pasquotank	0.15

* Source Type – Choose one of the following: Lake, Pond, Quarry, Reservoir, River, or Stream.

SECTION 3: DISCHARGE INFORMATION

3-A. Enter the average daily amount of water discharged each month in million gallons per day (MGD).

Month	# of Days Discharged	Average Daily Discharge (MGD)	Maximum Day Discharge (MGD)	Month	# of Days Discharged	Average Daily Discharge (MGD)	Maximum Day Discharge (MGD)
Jan				July			
Feb				Aug			
Mar				Sep			
Apr				Oct			
May				Nov			
Jun				Dec			

3-B. Please complete a row for each discharge method.

Identifier or Permit Number	* Discharge Type	Latitude (35.123456)	Longitude (-77.123456)	Average Daily Discharge (MGD)	# of Days Used	Sub-Basin	Permitted Capacity (MGD)
SDO-1	Discharge	36.310671 N	-75.925476 W	0.096		Pasquotank	0.15
SDO-2	Discharge	36.306647 N	-75.924086 W	0.096		Pasquotank	0.15

* Discharge Type - Choose one of the following: Discharge, Hydropower, Land Application, Subsurface, or To Another System.

SECTION 4: SURFACE WATER BASIN TRANSFER

Complete this section if you withdraw or purchase water that is not returned to the river sub-basin from which it was withdrawn.

4-A. Please complete a row for each transfer of surface water from one sub-basin to another.

Description of Transfer	Source Sub-Basin	Receiving Sub-Basin	Daily Transfer Capacity (MGD)

4-B. Enter the average daily and maximum day surface water transfer amounts by month in million gallons per day (MGD):

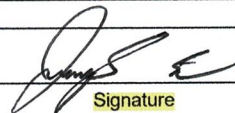
Month	# of Days Transferred	Average Daily Transfer (MGD)	Maximum Day Transfer (MGD)	Month	# of Days Transferred	Average Daily Transfer (MGD)	Maximum Day Transfer (MGD)
Jan				July			
Feb				Aug			
Mar				Sep			
Apr				Oct			
May				Nov			
Jun				Dec			

If latitude and longitude are unknown for any water withdrawal or discharge location listed above please submit a map clearly marking and labeling all water withdrawal and discharge locations on an appropriate US Geological Survey topographic map or a comparable map.

Do you have any comments? _____

Jennings Smith

PRINT/TYPE Name of Person Registering


 Signature

January 26, 2026

Date