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# Wastewater - NPDES GENERAL Permit Group - New

version 1.31

(Submission #: HPX-8JGQ-J38BC, version 2)

## Details

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**Facility Name:** Blue Water Industries LLC/Salem Sand-Henry Tract Mine

**Submission ID** HPX-8JGQ-J38BC

**Submission Reason** New

**Status** Complete

## Fees

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**Fee** \$100.00

**Payments/Adjustments** (\$100.00)

**Balance Due** \$0.00 (Paid)

## Form Input

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### Application Information

**What general permit coverage are you applying for?**

SCG730000 - Discharges Associated with Nonmetal Mineral Mining Facilities

**Do you currently have coverage under an existing general permit?**

No

**List any other NPDES or ND permit numbers for this site.**

NONE PROVIDED

### Facility (Site) Information

**Facility Name**

Blue Water Industries LLC/Salem Sand-Henry Tract Mine

**Facility (Site) Location**

331 E Hwy 378Hanna

Pamplico, SC 29555

**Facility County**

Florence

**Facility County code (if known)**

NONE PROVIDED

**Facility Location**

33.879904180408296,-79.50129902267624

**Tax Map# (List All):**

00418-02-006

[View SIC Codes List](#)**Primary SIC Code**

1442-Construction Sand and Gravel

**Additional Facility SIC Codes (Section VII):**

Priority	SIC Code and Description:
NONE PROVIDED	NONE PROVIDED

[View NAICS Codes List](#)**Primary Facility NAICS Code**

212321-Construction Sand and Gravel Mining

**Additional Facility NAICS Code(s)**

Priority	NAICS Code
NONE PROVIDED	NONE PROVIDED

**Map**[Salem Henry Tract Mine USGS Topo.pdf - 08/29/2023 09:41 AM](#)**Comment**

NONE PROVIDED

**Owner/Operator Information****Owner****Prefix**

NONE PROVIDED

**First Name**

NONE PROVIDED

**Last Name**

NONE PROVIDED

**Title**

NONE PROVIDED

**Organization Name**

Blue Water Industries LLC

**Phone Type**

Business

**Number**

9045127706

**Extension****Email**

hicks@bluewaterindustries.com

**Fax**

9045127707

**Mailing address**

200 West Forsyth St., Suite 1200

Jacksonville, FL 32202

[NO COUNTY SPECIFIED], United States

**Owner Employer Identification Number (EIN)**

NONE PROVIDED

**Is Facility Operated by Owner?**

Yes

**Facility Type**

Private

## Contact Information

### Facility Contact Information

**Prefix**

NONE PROVIDED

**First Name**

Cliff

**Last Name**

Hicks

**Title**

Southeast Region Manager

**Organization Name**

Blue Water Industries LLC

**Phone Type**

Mobile

**Number**

8032060248

**Extension****Email**

hicks@bluewaterindustries.com

**Fax**

NONE PROVIDED

**Mailing Address**

200 West Forsyth St., Suite 1200

Jacksonville, FL 32202

United States

### Billing Contact (It may be a good idea to invite this contact as a user for this site.)

**Prefix**

NONE PROVIDED

**First Name**

Cliff

**Last Name**

Hicks

**Title**

Southeast Region Manager

**Organization Name**

Blue Water Industries LLC

**Phone Type**

Mobile

**Number**

8032060248

**Extension****Email**

hicks@bluewaterindustries.com

**Fax**

NONE PROVIDED

**Mailing Address**

200 West Forsyth St., Suite 1200

Jacksonville, FL 32202

United States

## Emergency Contacts

### EMERGENCY CONTACT INSTRUCTIONS

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MULTIPLE PHONE NUMBERS ARE ALLOWED FOR THIS CONTACT. AT A MINIMUM, A MOBILE NUMBER SHOULD BE PROVIDED FOR THIS CONTACT.

## Emergency Contact

**Prefix**

NONE PROVIDED

**First Name**

Steve

**Last Name**

Tillquist

**Title**

Manager

**Organization Name**

Blue Water Industries, LLC

**Phone Type**

Business

**Number**

9045127706

**Extension**

**Email**

stillquist@bluewaterindustries.com

**Fax**

NONE PROVIDED

**Address**

200 West Forsyth St. Suite 1200

Jacksonville, FL 32202

United States

## EMERGENCY CONTACT INSTRUCTIONS

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MULTIPLE PHONE NUMBERS ARE ALLOWED FOR THIS CONTACT. AT A MINIMUM, A MOBILE NUMBER SHOULD BE PROVIDED FOR THIS CONTACT.

## Second Emergency Contact

**Prefix**

NONE PROVIDED

**First Name**

Cliff

**Last Name**

Hicks

**Title**

Southeast Region Manager

**Organization Name**

Blue Water Industries LLC

**Phone Type**

Mobile

**Number**

8032060248

**Extension**

**Email**

hicks@bluewaterindustries.com

**Fax**

NONE PROVIDED

**Address**

200 West Forsyth St., Suite 1200

Jacksonville, FL 32202

United States

## EMERGENCY CONTACT INSTRUCTIONS

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MULTIPLE PHONE NUMBERS ARE ALLOWED FOR THIS CONTACT. AT A MINIMUM, A MOBILE NUMBER SHOULD BE PROVIDED FOR THIS CONTACT.

### Third Emergency Contact

**Prefix**

NONE PROVIDED

**First Name**

Walt

**Last Name**

Hillis

**Title**

Environmental Manager

**Organization Name**

Blue Water Industries, LLC

**Phone Type**

Mobile

**Number**

865-255-4349

**Extension****Email**

whillis@bluewaterindustries.com

**Fax**

NONE PROVIDED

**Address**

9509 Diggs Gap Road

Heiskell, TN 37754

United States

### Outfall/Land Application Site Location (1 of 1)

Please ensure Stormwater outfalls are identified.

**Is this an outfall or land application site?**

Outfall

**Outfall number/Land Application Field Name**

001

**Definitions of Discharge Types**

1) Storm Water Associated with the Industrial Activity of Mining means storm water runoff, snow melt runoff, and surface runoff and drainage from facilities classified as Standard Industrial Classification 14 (non-metallic mineral industry) including active or inactive mining operations that discharge storm water contaminated by contact with or that has come into contact with, any overburden, raw material, intermediate products, finished products, byproducts or waste products located on the site of such operations. Inactive mining operations are mining sites that are not being actively mined, but which have an identifiable owner/operator; inactive mining sites do not include sites where mining claims are being maintained prior to disturbances associated with the extraction, beneficiation, or processing mined materials, nor sites where minimal activities are undertaken for the sole purpose of maintaining a mining claim.

2) Mine Dewatering is any water that is impounded or that collects in the mine and is pumped, drained or otherwise removed from the mine through the efforts of the mine operator. This term shall also include wet pit overflows caused solely by direct rainfall and ground water seepage. However, if a mine is also used for treatment of mine process generated wastewater, discharges of commingled water from the mine shall be deemed discharges of mine process generated wastewater.

3) Process-Generated Wastewater: is any wastewater used in the slurry transport of mined material, air emissions control (excluding water used for dust suppression on roads which is evaporated or absorbed by soils such that no runoff to a receiving stream occurs), or processing exclusive of mining. The term shall also include any other water, which becomes commingled with such wastewater in a pit, pond, lagoon, mine or other facility used for treatment of such wastewater.

4) Mine Equipment Wash Water means wastewater generated by washing mine equipment (including trucks) used in onsite mining operations. To qualify as mine equipment wash water under this general permit any soaps or detergents used for washing must be biodegradable and phosphate-free.

5) Suction Dredge Water means wastewater generated from suction dredging in sand or gravel dredge mining operations conducted in surface waters classified as Waters of the State and subsequently processed onshore to extract the sand or gravel. Suction dredge waters generated from dredging operations conducted in a mine pit are not included in this definition.

**Discharge Type**

- 1) Storm Water Associated with the Industrial Activity of Mining
- 2) Mine Dewatering

**What is the average flow (or design flow for Domestic Facilities or Water Treatment Plants) in GPD?**

240000

**Outfall/Land Application Site Location**

33.88031719940046,-79.50419959591387

**Is the receiving stream an unnamed tributary to a named waterbody?**

Yes

**Receiving Water (Please type none for land application sites)**

Deep Creek

**Describe the discharge flow path from the point it exits the system to the point it enters the receiving water, identifying the distance in feet and specifying if the discharge flows through a stormwater pond.**

The sand will be mined with an electric hydraulic dredge. Typically, there is not a discharge to waters of the state because the pit water transporting the sand to the plant, wash water and stormwater are recycled without needing to discharge. Should the mine site experiences a severe rain event, the excess accumulation of water within the pit may need to be discharged through outfall 001. A discharge will originate from a pump station in Segment 1 and directed into an unnamed tributary. The water will flow through the unnamed tributary into Deep Creek to Lynches River. Prior to discharge, any sediment within the water will be have sufficient settling time with treatment in the tailings pond and flow through previously mined section of the mine.

**Indicate if easements have been obtained for any conveyances of the discharge not on property of the permittee, which are not waters of the State.**

NA

**Describe all operations that contribute wastewater to the discharge and any treatment that is provided.**

Wastewater will be generated from the washing of the mined sand to remove fine silt and clay particles.

**Wastewater Treatment Plant Location****Treatment Plant Site Name:**

Blue Water Industries LLC/Salem Sand-Henry Tract Mine

**Does your facility treat or store wastewater and/or sludge?**

No

**Mining - NPDES - GP****Please see link below for the General Permit.**

[NPDES General Permit for discharges Associated with Nonmetal Mineral Mining Facilities](#)

**Please see link below for DHEC form 3559 (Notice of Intent)**

[Notice of Intent \(NOI\) NPDES General Permit for Discharges Associated with Nonmetallic Mineral Mining Facilities SCG730000](#)

**Is this site exempt from the Mining Act?**

No

**Mining Permit Number**

NONE PROVIDED

**Materials to be Mined (If material is mined solely as fill dirt, enter fill dirt and not "sand" or "clay").**

Sand

**Total number of acres to be affected by the mining activity**

189.2

**Mining - NPDES - GP - Required Documents**

## Map Specifications

Provide a map of the site that shows the following:

- 1) The property boundary and all areas that will be affected by mining activities (i.e. the pits or excavation areas, overburden areas, material stockpiles, etc.).
- 2) Location of planned access and haul roads on the area to be affected.
- 3) Location and name (if appropriate) of streams, lakes, wetlands and existing drainage ditches within the area to be permitted. Use arrows to indicate direction of water flow in such streams and drainage ditches.
- 4) A legend showing the name of applicant, name of the proposed mine, north arrow, county, scale, date of preparation and name and title of the person who prepared the site map.
- 5) Identify the locations of the outfalls.

## Do you have any data on the quality of the discharge?

No

## Documents

[Salem Sand-Henry Tract MINE MAP--\(9\)- 24X36 200 NPDES Outfall.pdf - 08/29/2023 10:12 AM](#)

### Comment

NONE PROVIDED

## Stormwater Pollution Prevention Plan

The Stormwater Pollution Prevention Plan (SWPPP) must be prepared in accordance with the requirements of Part VIII.C of the NPDES General Permit for Discharges Associated with Nonmetal Mineral Mining Facilities.

The SWPPP must be prepared prior to the submittal of this Notice of Intent. See the SWPPP requirements in Part VIII.C of the NPDES general permit.

[Click here to view the NPDES General Permit](#)

## Indicate whether the SWPPP has been prepared. The SWPPP must be prepared prior to submittal of this NOI.

Yes

## Additional Information and Fee

### NOI Coverage

100

### Total Fee

100

## Use the space below to bring to the Department's attention any additional information that you believe should be considered in the permit decision.

Blue Water Industries will use an electric hydraulic dredge to mine the sand deposit. The hydraulic dredge mining method for a terrestrial sand deposit (not sand river dredging) does not routinely discharge pit/wastewater to waters of the state. The dredge mines the sand and pumps the sand from the mine to the plant as a sand/water slurry. The plant removes the sand from slurry. The mined sand is washed to remove the fine silt and clay particles and the wash water is directed through the tailings pond to trap the silts and clays. The water from tailings pond flows into the pit to maintain proper water levels in the pit and forms a closed loop system that greatly reduces the need to discharge to the outside environment. The potential for discharge will only occur due to extreme rain events that add excessive accumulation of water within the pit.

## Using the attachment button below upload additional documents for consideration.

NONE PROVIDED

### Comment

NONE PROVIDED

## Attachments

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Date	Attachment Name	Context	User
8/29/2023 10:12 AM	Salem Sand-Henry Tract MINE MAP--(9)- 24X36 200 NPDES Outfall.pdf	Attachment	Craig Kennedy
8/29/2023 9:41 AM	Salem Henry Tract Mine USGS Topo.pdf	Attachment	Craig Kennedy

## Status History

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	User	Processing Status
9/19/2023 1:20:53 PM	Craig Kennedy	Draft
9/22/2023 8:18:52 AM	Walt Hillis III	Signing
9/22/2023 8:18:53 AM	Walt Hillis III	Submitting
9/22/2023 8:19:48 AM	Walt Hillis III	Submitted
9/22/2023 8:19:53 AM	Walt Hillis III	In Process
10/6/2023 8:29:02 AM	Patty G Barnes	Complete

## Audit

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Event	Event Description	Event By	Event Date
Submission Locked	Submission Locked	Patty G Barnes	9/7/2023 8:05 AM
Submission Unlocked	Submission Unlocked	Patty G Barnes	9/7/2023 8:17 AM

## Revisions

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Revision	Revision Date	Revision By
Revision 1	8/29/2023 9:31 AM	Craig Kennedy
Revision 2	9/19/2023 1:20 PM	Craig Kennedy

# Agreements and Signature(s)

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## **SUBMISSION AGREEMENTS**

- I am the owner of the account used to perform the electronic submission and signature.
- I have the authority to submit the data on behalf of the facility I am representing.
- I agree that providing the account credentials to sign the submission document constitutes an electronic signature equivalent to my written signature.
- I have reviewed the electronic form being submitted in its entirety, and agree to the validity and accuracy of the information contained within it to the best of my knowledge.

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I will not discharge under this General Permit until I receive authorization from the Department.*

**Signed** Walt Hillis III on 09/22/2023 at 8:18 AM  
**By**