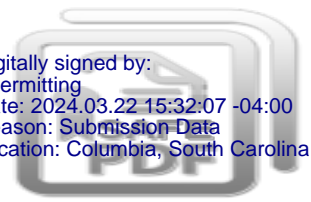


Wastewater - NPDES GENERAL Permit Group - New

version 1.38

(Submission #: HQ2-9VTF-ZB4Z2, version 1)

Digitally signed by:
ePermitting
Date: 2024.03.22 15:32:07 -04:00
Reason: Submission Data
Location: Columbia, South Carolina



Details

Facility Name: Luck Stone Corporation / Luck Edgefield Quarry

Submission ID HQ2-9VTF-ZB4Z2

Submission Reason New

Form Input

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

Facility (Site) Information

Facility Name

Luck Stone Corporation / Luck Edgefield Quarry

Facility (Site) Location

Woodlawn Road

Clarks Hill, SC 29821

Facility County

Edgefield

Facility County code (if known)

NONE PROVIDED

Facility Location

33.6222,-82.0903

Tax Map# (List All):

058-00-00-039-00

[View SIC Codes List](#)

Primary SIC Code

1423-Crushed and Broken Granite

Additional Facility SIC Codes (Section VII):

Priority	SIC Code and Description:
NONE PROVIDED	NONE PROVIDED

[View NAICS Codes List](#)

Primary Facility NAICS Code

212313-Crushed and Broken Granite Mining and Quarrying

Additional Facility NAICS Code(s)

Priority	NAICS Code
NONE PROVIDED	NONE PROVIDED

Map

[PDF 24 0321 Edgefield USGS map.pdf - 03/21/2024 05:17 PM](#)

[PDF 24 0321 Edgefield outfall map.pdf - 03/22/2024 10:16 AM](#)

Comment

The Collier SC USGS map is attached and also shows delineated wetlands. The outfall map shows all discharge points, wetlands, disturbed areas, and buffers.

Owner/Operator Information

Owner

Prefix

NONE PROVIDED

First Name

NONE PROVIDED

Last Name

NONE PROVIDED

Title

NONE PROVIDED

Organization Name

Luck Stone Corporation

Phone Type

Business

Number

18044766404

Extension

Email

markdwilliams@luckcompanies.com

Fax

NONE PROVIDED

Mailing address

POBox 29682

Richmond, Virginia 23242

[NO COUNTY SPECIFIED], United States

Owner Employer Identification Number (EIN)

540630628

Is Facility Operated by Owner?

Yes

Facility Type

Private

Contact Information

Facility Contact Information

Prefix

NONE PROVIDED

First Name

Mark

Last Name

Williams

Title

Environmental Manager

Organization Name

Luck Stone Corporation

Phone Type

Business

Number

18044766404

Extension

Email

markdwilliams@luckcompanies.com

Fax

NONE PROVIDED

Mailing Address

POBox 29682

Richmond, Virginia 23242

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

Mark

Last Name

Williams

Title

Environmental Manager

Organization Name

Luck Stone Corporation

Phone Type

Business

Number

18044766404

Extension

Email

markdwilliams@luckcompanies.com

Fax

NONE PROVIDED

Mailing Address

POBox 29682

Richmond, Virginia 23242

United States

Wastewater Responsible Official [in accordance with R.61-9.122.22.a]

First Name Last Name

Mark *Williams*

Title

Environmental Manager

Organization Name

Luck Stone Corporation

Phone Type Number Extension

Business 18044766404

Email

markdwilliams@luckcompanies.com

Address

POBox 29682

Richmond, Virginia 23242

United States

Emergency Contacts

EMERGENCY CONTACT INSTRUCTIONS

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 Last Name

Mark *Williams*

Title

Environmental Manager

Organization Name

Luck Stone Corporation

Phone Type Number Extension

Mobile 18046411457

Business 8044766404

Email

markdwilliams@luckcompanies.com

Fax

NONE PROVIDED

Address

POBox 29682

Richmond, Virginia 23242

United States

EMERGENCY CONTACT INSTRUCTIONS

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

Matt

Last Name

Pullin

Title

Regional Manager

Organization Name

Luck Stone Corporation

Phone Type

Mobile

Number

5715370277

Extension**Email**

mpullin@luckstone.com

Fax

NONE PROVIDED

Address

POBox 29682

Richmond, Virginia 23242

United States

EMERGENCY CONTACT INSTRUCTIONS

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

Brian

Last Name

Parker

Title

Engineer

Organization Name

Luck Stone Corporation

Phone Type

Mobile

Number

8045148670

Extension**Email**

brian.parker@luckstone.com

Fax

NONE PROVIDED

Address

POBox 29682

Richmond, VA 23242

United States

Outfall/Land Application Site Location (1 of 12)

Please ensure Stormwater outfalls are identified.

Is this an outfall or land application site?

Outfall

Outfall number/Land Application Field Name

SW-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

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

350000

Outfall/Land Application Site Location

33.6206,-82.0868

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

Yes

Receiving Water (Please type none for land application sites)

UT to Steven Creeks

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.

Stormwater exits a stormwater sediment basin through a barrel and riser into a riprap lined channel that directs flow into an unnamed tributary, approximately 100 feet.

Will your facility have proposed discharges (to be covered under this GP) that are mixed with stormwater associated with industrial activity?

No

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.

Stormwater through undeveloped areas is directed towards a sediment basin for treatment before being discharged.

Outfall/Land Application Site Location (2 of 12)

Please ensure Stormwater outfalls are identified.

Is this an outfall or land application site?

Outfall

Outfall number/Land Application Field Name

SW-002

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

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

350000

Outfall/Land Application Site Location

33.6282,-82.0859

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

Yes

Receiving Water (Please type none for land application sites)

UT to Steven Creeks

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.

Stormwater exits a stormwater sediment basin through a barrel and riser into a riprap lined channel that directs flow into an unnamed tributary, approximately 100 feet.

Will your facility have proposed discharges (to be covered under this GP) that are mixed with stormwater associated with industrial activity?

No

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.

Stormwater through undeveloped areas is directed towards a sediment basin for treatment before being discharged.

Outfall/Land Application Site Location (3 of 12)

Please ensure Stormwater outfalls are identified.

Is this an outfall or land application site?

Outfall

Outfall number/Land Application Field Name

SW-003

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

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

350000

Outfall/Land Application Site Location

33.6291,-82.0850

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

Yes

Receiving Water (Please type none for land application sites)

UT to Steven Creeks

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.

Stormwater exits a stormwater sediment basin through a barrel and riser into a riprap lined channel that directs flow into an unnamed tributary, approximately 100 feet.

Will your facility have proposed discharges (to be covered under this GP) that are mixed with stormwater associated with industrial activity?

No

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.

Stormwater through undeveloped areas is directed towards a sediment basin for treatment before being discharged.

Outfall/Land Application Site Location (4 of 12)

Please ensure Stormwater outfalls are identified.

Is this an outfall or land application site?

Outfall

Outfall number/Land Application Field Name

SW-004

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

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

350000

Outfall/Land Application Site Location

33.6294,-82.0856

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

Yes

Receiving Water (Please type none for land application sites)

UT to Steven Creeks

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.

Stormwater exits a stormwater sediment basin through a barrel and riser into a riprap lined channel that directs flow into an unnamed tributary, approximately 100 feet.

Will your facility have proposed discharges (to be covered under this GP) that are mixed with stormwater associated with industrial activity?

No

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.

Stormwater through undeveloped areas is directed towards a sediment basin for treatment before being discharged.

Outfall/Land Application Site Location (5 of 12)

Please ensure Stormwater outfalls are identified.

Is this an outfall or land application site?

Outfall

Outfall number/Land Application Field Name

SW-005

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

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

350000

Outfall/Land Application Site Location

33.6312,-82.0897

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

Yes

Receiving Water (Please type none for land application sites)

UT to Steven Creeks

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.

Stormwater exits a stormwater sediment basin through a barrel and riser into a riprap lined channel that directs flow into an unnamed tributary, approximately 100 feet.

Will your facility have proposed discharges (to be covered under this GP) that are mixed with stormwater associated with industrial activity?

No

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.

Stormwater through undeveloped areas is directed towards a sediment basin for treatment before being discharged.

Outfall/Land Application Site Location (6 of 12)

Please ensure Stormwater outfalls are identified.

Is this an outfall or land application site?

Outfall

Outfall number/Land Application Field Name

SW-006

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

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

350000

Outfall/Land Application Site Location

33.6311,-82.0903

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

Yes

Receiving Water (Please type none for land application sites)

UT to Steven Creeks

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.

Stormwater exits a stormwater sediment basin through a barrel and riser into a riprap lined channel that directs flow into an unnamed tributary, approximately 100 feet.

Will your facility have proposed discharges (to be covered under this GP) that are mixed with stormwater associated with industrial activity?

No

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.

Stormwater through undeveloped areas is directed towards a sediment basin for treatment before being discharged.

Outfall/Land Application Site Location (7 of 12)

Please ensure Stormwater outfalls are identified.

Is this an outfall or land application site?

Outfall

Outfall number/Land Application Field Name

SW-007

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

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

350000

Outfall/Land Application Site Location

33.6292,-82.0952

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

Yes

Receiving Water (Please type none for land application sites)

UT to Steven Creeks

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.

Stormwater exits a stormwater sediment basin through a barrel and riser into a riprap lined channel that directs flow into an unnamed tributary, approximately 100 feet.

Will your facility have proposed discharges (to be covered under this GP) that are mixed with stormwater associated with industrial activity?

No

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.

Stormwater through undeveloped areas is directed towards a sediment basin for treatment before being discharged.

Outfall/Land Application Site Location (8 of 12)

Please ensure Stormwater outfalls are identified.

Is this an outfall or land application site?

Outfall

Outfall number/Land Application Field Name

SW-008

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.

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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

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

350000

Outfall/Land Application Site Location

33.6252,-82.0926

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

Yes

Receiving Water (Please type none for land application sites)

UT to Steven Creeks

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.

Stormwater exits a stormwater sediment basin through a barrel and riser into a riprap lined channel that directs flow into an unnamed tributary, approximately 100 feet.

Will your facility have proposed discharges (to be covered under this GP) that are mixed with stormwater associated with industrial activity?

No

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.

Stormwater through undeveloped areas is directed towards a sediment basin for treatment before being discharged.

Outfall/Land Application Site Location (9 of 12)

Please ensure Stormwater outfalls are identified.

Is this an outfall or land application site?

Outfall

Outfall number/Land Application Field Name

SW-009

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

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

750000

Outfall/Land Application Site Location

33.6220,-82.0948

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

Yes

Receiving Water (Please type none for land application sites)

UT to Steven Creeks

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.

Stormwater exits a stormwater sediment basin through a barrel and riser into a riprap lined channel that directs flow into an unnamed tributary, approximately 100 feet.

Will your facility have proposed discharges (to be covered under this GP) that are mixed with stormwater associated with industrial activity?

No

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.

Stormwater through undeveloped areas is directed towards a sediment basin for treatment before being discharged.

Outfall/Land Application Site Location (10 of 12)

Please ensure Stormwater outfalls are identified.

Is this an outfall or land application site?

Outfall

Outfall number/Land Application Field Name

SW-010

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.

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such wastewater in a pit, pond, lagoon, mine or other facility used for treatment of such wastewater.

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Discharge Type

1) Storm Water Associated with the Industrial Activity of Mining

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

250000

Outfall/Land Application Site Location

33.6227,-82.0961

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

Yes

Receiving Water (Please type none for land application sites)

UT to Steven Creeks

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.

Stormwater exits a stormwater sediment basin through a barrel and riser into a riprap lined channel that directs flow into an unnamed tributary, approximately 100 feet.

Will your facility have proposed discharges (to be covered under this GP) that are mixed with stormwater associated with industrial activity?

No

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.

Stormwater through undeveloped areas is directed towards a sediment basin for treatment before being discharged.

Outfall/Land Application Site Location (11 of 12)

Please ensure Stormwater outfalls are identified.

Is this an outfall or land application site?

Outfall

Outfall number/Land Application Field Name

SW-011

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.

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Discharge Type

1) Storm Water Associated with the Industrial Activity of Mining

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

350000

Outfall/Land Application Site Location

33.6236,-82.1003

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

Yes

Receiving Water (Please type none for land application sites)

UT to Steven Creeks

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.

Stormwater exits a stormwater sediment basin through a barrel and riser into a riprap lined channel that directs flow into an unnamed tributary, approximately 100 feet.

Will your facility have proposed discharges (to be covered under this GP) that are mixed with stormwater associated with industrial activity?

No

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.

Stormwater through undeveloped areas is directed towards a sediment basin for treatment before being discharged.

Outfall/Land Application Site Location (12 of 12)

Please ensure Stormwater outfalls are identified.

Is this an outfall or land application site?

Outfall

Outfall number/Land Application Field Name

SW-012

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.

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Discharge Type

1) Storm Water Associated with the Industrial Activity of Mining

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

350000

Outfall/Land Application Site Location

33.6262,-82.0968

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

Yes

Receiving Water (Please type none for land application sites)

UT to Steven Creeks

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.

Stormwater exits a stormwater sediment basin through a barrel and riser into a riprap lined channel that directs flow into an unnamed tributary, approximately 100 feet.

Will your facility have proposed discharges (to be covered under this GP) that are mixed with stormwater associated with industrial activity?

No

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.

Stormwater through undeveloped areas is directed towards a sediment basin for treatment before being discharged.

Wastewater Treatment Plant Location

Treatment Plant Site Name:

Luck Stone Corporation / Luck Edgefield Quarry

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

applied

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

granite aggregate stone

Total number of acres to be affected by the mining activity

424.8

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

[PDF 24 0321 Edgefield outfall map.pdf - 03/22/2024 10:30 AM](#)

[PDF 24 0322 Luck Edgefield registration D3559.pdf - 03/22/2024 10:58 AM](#)

Comment

Maps are enclosed. The NOI D3559 is enclosed. The SWPPP has been prepared. An application for the mining permit was submitted on 3-21-24.

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.

NONE PROVIDED

Using the attachment button below upload additional documents for consideration.

NONE PROVIDED

Comment

A mine permit application and an air permit application have also been recently submitted for the Luck Stone Corporation / Luck Edgefield Quarry.

NOI Signature Page

Please see the link below to the Notice of Intent.

[NOI - SCG730000 - Discharges Associated with Nonmetal Mineral Mining Facilities](#)

Please see the link below to Regulation 61-9.

Please see R.61-9.122.22(a) for clarification on who can sign the Notice of Intent (NOI) form.

[SC Regulation on 61-9.122.22\(a\)](#)

Using this attachment control, upload the signature page of the above Notice of Intent, signed by the responsible official of the company/corporation. Applications must be signed in accordance with SC Regulation 61-9.122.22(a).

[PDF 24 0322 Luck Edgefield registration D3559.pdf - 03/22/2024 11:02 AM](#)

Comment

NONE PROVIDED

Agreements and Signature(s)

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 Mark Williams on 03/22/2024 at 11:08 AM
By