

Mullins, Robert A <robert.a.mullins@wv.gov>

Fwd: Hey

1 message

Roberts, Daniel P <daniel.p.roberts@wv.gov>
To: Robert A Mullins <robert.a.mullins@wv.gov>

Thu, Aug 12, 2021 at 4:40 PM

----- Forwarded message -----

From: **McCumbers, Carrie** <Carrie.McCumbers@wv.gov>
Date: Mon, Mar 29, 2021 at 10:27 AM
Subject: RE: Hey
To: Roberts, Daniel P <Daniel.P.Roberts@wv.gov>

Dan,

I think we usually just consider states that are within the 50 miles. Determining whether a state's air quality could be affected would be harder to define without modeling. It's no problem contacting me on my day off. I usually check my e-mail periodically on my SDO and when I'm on vacation.

Carrie

From: Roberts, Daniel P <Daniel.P.Roberts@wv.gov>
Sent: Monday, March 29, 2021 10:18 AM
To: McCumbers, Carrie <Carrie.McCumbers@wv.gov>
Subject: RE: Hey

Carrie,

Hey. No problem. I felt bad emailing you on a Friday anyway, but was just looking for reassurance that I was doing the right thing since I am new to all of this. After I had emailed you, I started reading through Rule 30 and found the references. I do have one more question though. Subsection 2.3.a. references states which may be affected and are contiguous. As an example, if a facility is up towards the Fairmont area and is within 50 miles of PA, but not MD, would you include MD because they may be affected with the path of the predominant weather patterns? I know... I am probably over-thinking this. LOL!

Dan

From: McCumbers, Carrie <Carrie.McCumbers@wv.gov>
Sent: Monday, March 29, 2021 10:02 AM
To: Roberts, Daniel P <Daniel.P.Roberts@wv.gov>
Subject: RE: Hey

Dan,

I'm sorry I didn't respond sooner. I had my computer on for a little while on Friday evening, but didn't see your message until after you had already sent the notification. Since you had already sent the notification, I wanted to respond after I could research the source of the 50 miles for affected states and the 100 km for Class I areas. The 50 miles defining affected states comes from 45CSR§30-2.3.b as follows:

2.3. "Affected states" are all states:

2.3.a. Whose air quality may be affected and that are contiguous to the state in which a Title V operating permit, permit modification or permit renewal is being proposed; or

2.3.b. That are within fifty (50) miles of the permitted source.

For Class I areas, 45CSR30 states the following:

6.8.a.3.A.3. Federal, State, and interstate agencies with jurisdiction over public health and the environment, the State Historic Preservation Unit of the Department of Culture and History when new site acquisition is involved, and other appropriate government authorities, including the Federal Land Manager when Federal Class I areas, as defined in 45CSR14, are potentially affected.

Then, I looked back at an October 19, 1992 memo from John S. Seitz with the subject of "Clarification of Prevention of Significant Deterioration (PSD) Guidance for Modeling Class I Area Impacts." It states that generally a 100 kilometer range is an acceptable modeling domain. I think this is the source of the 100 km definition.

For the question about sending the notification to Maryland and Shenandoah National Park and James River Face Wilderness Areas, you are correct to send the notification to them. It seems like the application may be incorrect. I looked back at the following list on the Title V common drive and Maryland is listed as an affected state for Greer (Q:\AIR_QUALITY\TITLEV\Affected States List\affected states list 082510 -1.xlsx). In the future, if you have a question about who to send the notification to and you measure and think it should go to a state or Class I area even if the applicant doesn't list it, I think it is best to go ahead and include that state or Class I area in the e-mail. Typically, we don't get any comments from other states or Class I areas and it is better to be conservative and just include them in the notifications if there is a question.

Thanks,

Carrie

From: Roberts, Daniel P <Daniel.P.Roberts@wv.gov>
Sent: Friday, March 26, 2021 7:20 PM
To: McCumbers, Carrie <Carrie.McCumbers@wv.gov>
Subject: Hey

Carrie,

Hey. Sorry to bother you on a Friday, but I saw you were online. For this Greer Minor Modification, I am preparing the notification email to send and looked at their 2020 renewal application to see who all to send it to. In their 2020 renewal application, they listed Virginia (within 50 miles) and Dolly Sods and Otter Creek (within 100 km). But looking at google

maps, I measured their facility to be about 30 **miles** from the border of Maryland. Also, the Shenandoah National Park and James River Face Wilderness Area are within 100 **km** of Riverton, WV. I am assuming that I should include them also even though the company did not list them, correct?

The application uses **miles** to measure to the neighboring states and **kilometers** to measure to the Class I areas. I am assuming that this is not a typo in the application form.

Thanks,

Dan



Mullins, Robert A <robert.a.mullins@wv.gov>

Fwd: FW: [External] Greer Lime Company; Riverton, WV

2 messages

Roberts, Daniel P <daniel.p.roberts@wv.gov>
To: Robert A Mullins <robert.a.mullins@wv.gov>

Thu, Aug 12, 2021 at 4:36 PM

----- Forwarded message -----

From: **DEP Air Quality Permitting** <DEPAirQualityPermitting@wv.gov>
Date: Mon, Mar 22, 2021 at 9:33 AM
Subject: FW: [External] Greer Lime Company; Riverton, WV
To: Mink, Stephanie R <Stephanie.R.Mink@wv.gov>, Roberts, Daniel P <Daniel.P.Roberts@wv.gov>
Cc: McKeone, Beverly D <Beverly.D.Mckeone@wv.gov>

Stephanie,

Please assign this minor modification to Dan Roberts as R30-07100001-2020 (MM01).

Thanks,

Carrie

From: Scott Kisner <skisner@greerindustries.com>
Sent: Monday, March 22, 2021 8:52 AM
To: DEP Air Quality Permitting <DEPAirQualityPermitting@wv.gov>
Subject: [External] Greer Lime Company; Riverton, WV

CAUTION: External email. Do not click links or open attachments unless you verify sender.

Scott Kisner
Environmental Compliance Manager
Greer Industries, Inc.
Engineering: 304-864-5411
Lime Plant: 304-567-2141
Cell: 304-276-5263

2 attachments

 **Email Cover Letter for Greer Lime Company.pdf**
573K

 **Greer Lime Company Riverton WV Modification Application.pdf**
1366K

Roberts, Daniel P <daniel.p.roberts@wv.gov>
To: Robert A Mullins <robert.a.mullins@wv.gov>

Thu, Aug 12, 2021 at 4:37 PM

----- Forwarded message -----

From: **Mink, Stephanie R** <Stephanie.R.Mink@wv.gov>
Date: Mon, Mar 22, 2021 at 9:44 AM
Subject: RE: [External] Greer Lime Company; Riverton, WV
To: McCumbers, Carrie <Carrie.McCumbers@wv.gov>, Roberts, Daniel P <Daniel.P.Roberts@wv.gov>
Cc: McKeone, Beverly D <Beverly.D.Mckeone@wv.gov>

I'll have it entered and a dated copy of the application to Dan shortly.

Thanks

Stephanie

From: DEP Air Quality Permitting <DEPAirQualityPermitting@wv.gov>
Sent: Monday, March 22, 2021 9:33 AM
To: Mink, Stephanie R <Stephanie.R.Mink@wv.gov>; Roberts, Daniel P <Daniel.P.Roberts@wv.gov>
Cc: McKeone, Beverly D <Beverly.D.Mckeone@wv.gov>
Subject: FW: [External] Greer Lime Company; Riverton, WV

Stephanie,

Please assign this minor modification to Dan Roberts as R30-07100001-2020 (MM01).

Thanks,

Carrie

From: Scott Kisner <skisner@greerindustries.com>
Sent: Monday, March 22, 2021 8:52 AM
To: DEP Air Quality Permitting <DEPAirQualityPermitting@wv.gov>
Subject: [External] Greer Lime Company; Riverton, WV

CAUTION: External email. Do not click links or open attachments unless you verify sender.

9/9/21, 9:09 AM

State of West Virginia Mail - Fwd: FW: [External] Greer Lime Company; Riverton, WV

Scott Kisner

Environmental Compliance Manager

Greer Industries, Inc.

Engineering: 304-864-5411

Lime Plant: 304-567-2141

Cell: 304-276-5263



Mullins, Robert A <robert.a.mullins@wv.gov>

Fwd: Automatic reply: [External] Greer Lime Company; Riverton, WV

1 message

Roberts, Daniel P <daniel.p.roberts@wv.gov>
To: Robert A Mullins <robert.a.mullins@wv.gov>

Thu, Aug 12, 2021 at 4:37 PM

----- Forwarded message -----

From: **DEP Air Quality Permitting** <DEPAirQualityPermitting@wv.gov>
Date: Mon, Mar 22, 2021 at 9:56 AM
Subject: Automatic reply: [External] Greer Lime Company; Riverton, WV
To: Roberts, Daniel P <Daniel.P.Roberts@wv.gov>

The WVDEP – Division of Air Quality has received your permit application. An application status update email response will be sent within two business days. If there are any questions, please contact Nicole Ernest, Nicole.D.Ernest@wv.gov, or Stephanie Mink, Stephanie.R.Mink@wv.gov. Thank you!



Mullins, Robert A <robert.a.mullins@wv.gov>

Fwd: Greer Lime MM01

1 message

Roberts, Daniel P <daniel.p.roberts@wv.gov>
To: Robert A Mullins <robert.a.mullins@wv.gov>

Thu, Aug 12, 2021 at 4:39 PM

----- Forwarded message -----

From: **Mink, Stephanie R** <Stephanie.R.Mink@wv.gov>

Date: Mon, Mar 22, 2021 at 10:29 AM

Subject: Greer Lime MM01

To: Roberts, Daniel P <Daniel.P.Roberts@wv.gov>

Good morning Dan!

Here's a date stamped application; I have added the cover letter as the first page so you would only have one document. I have also attached the info sheet and will be sending out the confirmation email in a couple of minutes.

Have a great day!

Stephanie Mink

Secretary 2

West Virginia Department of Environmental Protection

Division of Air Quality, Title V Permitting

601 57th Street SE

Charleston, WV 25304

Phone: 304-926-0499 x41281

2 attachments**R30-07100001-2020 (MM01) Greer Lime.pdf**
1870K**R30-07100001-2020 (MM01) info sheet.pdf**
67K

Mullins, Robert A <robert.a.mullins@wv.gov>

Fwd: WV DAQ Title V Permit Application Status for Greer Lime Company; Riverton Facility

1 message

Roberts, Daniel P <daniel.p.roberts@wv.gov>
To: Robert A Mullins <robert.a.mullins@wv.gov>

Thu, Aug 12, 2021 at 4:39 PM

----- Forwarded message -----

From: **Mink, Stephanie R** <Stephanie.R.Mink@wv.gov>

Date: Mon, Mar 22, 2021 at 10:32 AM

Subject: WV DAQ Title V Permit Application Status for Greer Lime Company; Riverton Facility

To: gwynne@greerindustries.com <gwynne@greerindustries.com>, Scott Kisner <skisner@greerindustries.com>Cc: McCumbers, Carrie <Carrie.McCumbers@wv.gov>, Roberts, Daniel P <Daniel.P.Roberts@wv.gov>**RE: Application Status****Greer Lime Company****Riverton Facility****Facility ID No. 071-00001****Application No. R30-07100001-2020 (MM01)**

Dear Mr. Gwynne,

Your application for a Title V Minor Modification Permit for Greer Lime Company's Riverton Facility was received by this Division on March 22, 2021, and was assigned to Dan Roberts.

Should you have any questions, please contact the assigned permit writer, Dan Roberts, at 304-926-0499, extension 41902, or Daniel.P.Roberts@wv.gov.

Thank you

Stephanie Mink

Secretary 2

West Virginia Department of Environmental Protection

Division of Air Quality, Title V Permitting

601 57th Street SE

9/9/21, 9:12 AM

State of West Virginia Mail - Fwd: WV DAQ Title V Permit Application Status for Greer Lime Company; Riverton Facility

Charleston, WV 25304

Phone: 304-926-0499 x41281

Division of Air Quality Permit Application Submittal

Please find attached a permit application for :

[Company Name; Facility Location]

- DAQ Facility ID (for existing facilities only):
- Current 45CSR13 and 45CSR30 (Title V) permits associated with this process (for existing facilities only):

- Type of NSR Application (check all that apply):
 - Construction
 - Modification
 - Class I Administrative Update
 - Class II Administrative Update
 - Relocation
 - Temporary
 - Permit Determination

- Type of 45CSR30 (TITLE V) Application:
 - Title V Initial
 - Title V Renewal
 - Administrative Amendment**
 - Minor Modification**
 - Significant Modification**
 - Off Permit Change

****If the box above is checked, include the Title V revision information as ATTACHMENTS to the combined NSR/Title V application.**

- Payment Type:
 - Credit Card (Instructions to pay by credit card will be sent in the Application Status email.)
 - Check (Make checks payable to: WVDEP – Division of Air Quality)
Mail checks to:
WVDEP – DAQ – Permitting
Attn: NSR Permitting Secretary
601 57th Street, SE
Charleston, WV 25304

- If the permit writer has any questions, please contact (all that apply):
 - Responsible Official/Authorized Representative
 - Name:
 - Email:
 - Phone Number:
 - Company Contact
 - Name:
 - Email:
 - Phone Number:
 - Consultant
 - Name:
 - Email:
 - Phone Number:

Please wait until DAQ emails you the Facility ID Number and Permit Application Number. Please add these identifiers to your check or cover letter with your check.

45CSR13 Modification Application for R13-1685
45CSR30 Minor Modification for R30-07100001-2020
West Virginia Department of Environmental Protection
Division of Air Quality



Greer Industries, Inc. dba Greer Lime Company

Riverton Facility

Riverton, Pendleton County, West Virginia

Plant ID No. 071-00001

March 2021

GREER ENGINEERING

8477 Veterans Memorial Highway

Masontown, West Virginia 26542

(304) 864-5411

Table of Contents

- **Permit Application**
- **Attachment A – Business Certificate**
- **Attachment B – Area Map**
- **Attachment C – Installation and Startup Schedule**
- **Attachment D – Regulatory Discussion**
- **Attachment E – Plot Map**
- **Attachment F – Process Flow Diagram**
- **Attachment G – Process Description**
- **Attachment H – Safety Data Sheet**
- **Attachment I – Emission Units Table**
- **Attachment K – Fugitive Emissions Data Summary Sheet**
- **Attachment L – Emission Unit Data Sheet: General**
- **Attachment N – Supporting Emission Calculations**
- **Attachment O – Monitoring, Recordkeeping, and Reporting Plans**
- **Attachment P – Legal Ad**
- **Attachment S – Title V Permit Revision Information**



WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF AIR QUALITY

601 57th Street, SE
Charleston, WV 25304
(304) 926-0475
www.dep.wv.gov/daq

**APPLICATION FOR NSR PERMIT
AND
TITLE V PERMIT REVISION
(OPTIONAL)**

PLEASE CHECK ALL THAT APPLY TO **NSR (45CSR13)** (IF KNOWN):

- CONSTRUCTION MODIFICATION RELOCATION
 CLASS I ADMINISTRATIVE UPDATE TEMPORARY
 CLASS II ADMINISTRATIVE UPDATE AFTER-THE-FACT

PLEASE CHECK TYPE OF **45CSR30 (TITLE V)** REVISION (IF ANY):

- ADMINISTRATIVE AMENDMENT MINOR MODIFICATION
 SIGNIFICANT MODIFICATION

IF ANY BOX ABOVE IS CHECKED, INCLUDE TITLE V REVISION INFORMATION AS **ATTACHMENT S** TO THIS APPLICATION

FOR TITLE V FACILITIES ONLY: Please refer to "Title V Revision Guidance" in order to determine your Title V Revision options (Appendix A, "Title V Permit Revision Flowchart") and ability to operate with the changes requested in this Permit Application.

Section I. General

1. Name of applicant (as registered with the WV Secretary of State's Office): Greer Industries, Inc. dba Greer Lime Company		2. Federal Employer ID No. (FEIN): 34-073-7241	
3. Name of facility (if different from above): Riverton Facility		4. The applicant is the: <input type="checkbox"/> OWNER <input type="checkbox"/> OPERATOR <input checked="" type="checkbox"/> BOTH	
5A. Applicant's mailing address: 8477 Veterans Memorial Highway Masontown, West Virginia 26542		5B. Facility's present physical address: 1088 Germany Valley Limestone Road Riverton, Pendleton County, West Virginia 26814	
6. West Virginia Business Registration. Is the applicant a resident of the State of West Virginia? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO - If YES, provide a copy of the Certificate of Incorporation/Organization/Limited Partnership (one page) including any name change amendments or other Business Registration Certificate as Attachment A . - If NO, provide a copy of the Certificate of Authority/Authority of L.L.C./Registration (one page) including any name change amendments or other Business Certificate as Attachment A .			
7. If applicant is a subsidiary corporation, please provide the name of parent corporation: N/A			
8. Does the applicant own, lease, have an option to buy or otherwise have control of the proposed site? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO - If YES, please explain: Owner - If NO, you are not eligible for a permit for this source.			
9. Type of plant or facility (stationary source) to be constructed, modified, relocated, administratively updated or temporarily permitted (e.g., coal preparation plant, primary crusher, etc.): Replace two stone bins and a conveyor belt with new units of the same size capacity and process rate. The replacement equipment is subject to new requirements of Subpart OOO (April 28, 2009).		10. North American Industry Classification System (NAICS) code for the facility: 32741	
11A. DAQ Plant ID No. (for existing facilities only): 071-00001		11B. List all current 45CSR13 and 45CSR30 (Title V) permit numbers associated with this process (for existing facilities only): R30-07100001-2020 and R13-1685	

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

12A.

- For **Modifications, Administrative Updates** or **Temporary permits** at an existing facility, please provide directions to the *present location* of the facility from the nearest state road;
- For **Construction** or **Relocation permits**, please provide directions to the *proposed new site location* from the nearest state road. Include a **MAP** as **Attachment B**.

Approximately four (4) miles south of Seneca Rocks (junction of US Route 33 and WV Route 55) on US Route 33, turn left onto Germany Valley Limestone Road. Facility is located one (1) mile up the road from the turn.

12.B. New site address (if applicable):

N/A

12C. Nearest city or town:

Riverton, WV

12D. County:

Pendleton

12.E. UTM Northing (KM): **4,293.455**

12F. UTM Easting (KM): **639.519**

12G. UTM Zone: **17**

13. Briefly describe the proposed change(s) at the facility:

Replace stone bins 2-SI-1 and 2-SI-2 and bin crossover conveyor belt 1-BC-5 with new units of same capacity.

14A. Provide the date of anticipated installation or change: **March-April 2021**

- If this is an **After-The-Fact** permit application, provide the date upon which the proposed change did happen:

14B. Date of anticipated Start-Up if a permit is granted:

April 30, 2021

14C. Provide a **Schedule** of the planned **Installation of/Change** to and **Start-Up** of each of the units proposed in this permit application as **Attachment C** (if more than one unit is involved).

15. Provide maximum projected **Operating Schedule** of activity/activities outlined in this application:

Hours Per Day **24** Days Per Week **7** Weeks Per Year **52**

16. Is demolition or physical renovation at an existing facility involved? **YES** **NO**

17. **Risk Management Plans.** If this facility is subject to 112(r) of the 1990 CAAA, or will become subject due to proposed changes (for applicability help see www.epa.gov/ceppo), submit your **Risk Management Plan (RMP)** to U. S. EPA Region III.

18. **Regulatory Discussion.** List all Federal and State air pollution control regulations that you believe are applicable to the proposed process (*if known*). A list of possible applicable requirements is also included in Attachment S of this application (Title V Permit Revision Information). Discuss applicability and proposed demonstration(s) of compliance (*if known*). Provide this information as **Attachment D**.

Section II. Additional attachments and supporting documents.

19. Include a check payable to WVDEP – Division of Air Quality with the appropriate **application fee** (per 45CSR22 and 45CSR13).

20. Include a **Table of Contents** as the first page of your application package.

21. Provide a **Plot Plan**, e.g. scaled map(s) and/or sketch(es) showing the location of the property on which the stationary source(s) is or is to be located as **Attachment E** (Refer to **Plot Plan Guidance**).

- Indicate the location of the nearest occupied structure (e.g. church, school, business, residence).

22. Provide a **Detailed Process Flow Diagram(s)** showing each proposed or modified emissions unit, emission point and control device as **Attachment F**.

23. Provide a **Process Description** as **Attachment G**.

- Also describe and quantify to the extent possible all changes made to the facility since the last permit review (if applicable).

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

24. Provide **Material Safety Data Sheets (MSDS)** for all materials processed, used or produced as **Attachment H**.
 – For chemical processes, provide a MSDS for each compound emitted to the air.

25. Fill out the **Emission Units Table** and provide it as **Attachment I**.

26. Fill out the **Emission Points Data Summary Sheet (Table 1 and Table 2)** and provide it as **Attachment J**.

27. Fill out the **Fugitive Emissions Data Summary Sheet** and provide it as **Attachment K**.

28. Check all applicable **Emissions Unit Data Sheets** listed below:

<input type="checkbox"/> Bulk Liquid Transfer Operations	<input type="checkbox"/> Haul Road Emissions	<input type="checkbox"/> Quarry
<input type="checkbox"/> Chemical Processes	<input type="checkbox"/> Hot Mix Asphalt Plant	<input checked="" type="checkbox"/> Solid Materials Sizing, Handling and Storage Facilities
<input type="checkbox"/> Concrete Batch Plant	<input type="checkbox"/> Incinerator	<input type="checkbox"/> Storage Tanks
<input type="checkbox"/> Grey Iron and Steel Foundry	<input type="checkbox"/> Indirect Heat Exchanger	
<input type="checkbox"/> General Emission Unit, specify:		

Fill out and provide the **Emissions Unit Data Sheet(s)** as **Attachment L**.

29. Check all applicable **Air Pollution Control Device Sheets** listed below:

<input type="checkbox"/> Absorption Systems	<input type="checkbox"/> Baghouse	<input type="checkbox"/> Flare
<input type="checkbox"/> Adsorption Systems	<input type="checkbox"/> Condenser	<input type="checkbox"/> Mechanical Collector
<input type="checkbox"/> Afterburner	<input type="checkbox"/> Electrostatic Precipitator	<input type="checkbox"/> Wet Collecting System
<input type="checkbox"/> Other Collectors, specify		

Fill out and provide the **Air Pollution Control Device Sheet(s)** as **Attachment M**.

30. Provide all **Supporting Emissions Calculations** as **Attachment N**, or attach the calculations directly to the forms listed in Items 28 through 31.

31. **Monitoring, Recordkeeping, Reporting and Testing Plans.** Attach proposed monitoring, recordkeeping, reporting and testing plans in order to demonstrate compliance with the proposed emissions limits and operating parameters in this permit application. Provide this information as **Attachment O**.

Ø Please be aware that all permits must be practically enforceable whether or not the applicant chooses to propose such measures. Additionally, the DAQ may not be able to accept all measures proposed by the applicant. If none of these plans are proposed by the applicant, DAQ will develop such plans and include them in the permit.

32. **Public Notice.** At the time that the application is submitted, place a **Class I Legal Advertisement** in a newspaper of general circulation in the area where the source is or will be located (See 45CSR§13-8.3 through 45CSR§13-8.5 and **Example Legal Advertisement** for details). Please submit the **Affidavit of Publication** as **Attachment P** immediately upon receipt.

33. **Business Confidentiality Claims.** Does this application include confidential information (per 45CSR31)?

YES NO

Ø If **YES**, identify each segment of information on each page that is submitted as confidential and provide justification for each segment claimed confidential, including the criteria under 45CSR§31-4.1, and in accordance with the DAQ's "**Precautionary Notice – Claims of Confidentiality**" guidance found in the **General Instructions** as **Attachment Q**.

Section III. Certification of Information

34. **Authority/Delegation of Authority.** Only required when someone other than the responsible official signs the application. Check applicable **Authority Form** below:

<input type="checkbox"/> Authority of Corporation or Other Business Entity	<input type="checkbox"/> Authority of Partnership
<input type="checkbox"/> Authority of Governmental Agency	<input type="checkbox"/> Authority of Limited Partnership

Submit completed and signed **Authority Form** as **Attachment R**.

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

35A. **Certification of Information.** To certify this permit application, a Responsible Official (per 45CSR§13-2.22 and 45CSR§30-2.28) or Authorized Representative shall check the appropriate box and sign below.

Certification of Truth, Accuracy, and Completeness

I, the undersigned **Responsible Official** / **Authorized Representative**, hereby certify that all information contained in this application and any supporting documents appended hereto, is true, accurate, and complete based on information and belief after reasonable inquiry I further agree to assume responsibility for the construction, modification and/or relocation and operation of the stationary source described herein in accordance with this application and any amendments thereto, as well as the Department of Environmental Protection, Division of Air Quality permit issued in accordance with this application, along with all applicable rules and regulations of the West Virginia Division of Air Quality and W.Va. Code § 22-5-1 et seq. (State Air Pollution Control Act). If the business or agency changes its Responsible Official or Authorized Representative, the Director of the Division of Air Quality will be notified in writing within 30 days of the official change.

Received
 March 22, 2021
 WV DEP/ Div of Air Quality

Compliance Certification

Except for requirements identified in the Title V Application for which compliance is not achieved, that, based on information and belief formed after reasonable inquiry, all air contaminant sources compliance with all applicable requirements.

SIGNATURE J Robert Gwynne DATE: 3/17/21
(Please use blue ink) (Please use blue ink)

35B. Printed name of signer: J. Robert Gwynne		35C. Title: Executive Vice President
35D. E-mail: gwynne@greerindustries.com	36E. Phone: 304-864-5411	36F. FAX: N/A
36A. Printed name of contact person (if different from above): Scott Kisner		36B. Title: Environmental Compliance Manager
36C. E-mail: skisner@greerindustries.com	36D. Phone: 304-864-5411	36E. FAX: N/A

PLEASE CHECK ALL APPLICABLE ATTACHMENTS INCLUDED WITH THIS PERMIT APPLICATION:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Attachment A: Business Certificate | <input type="checkbox"/> Attachment K: Fugitive Emissions Data Summary Sheet |
| <input checked="" type="checkbox"/> Attachment B: Map(s) | <input checked="" type="checkbox"/> Attachment L: Emissions Unit Data Sheet(s) |
| <input checked="" type="checkbox"/> Attachment C: Installation and Start Up Schedule | <input type="checkbox"/> Attachment M: Air Pollution Control Device Sheet(s) |
| <input checked="" type="checkbox"/> Attachment D: Regulatory Discussion | <input checked="" type="checkbox"/> Attachment N: Supporting Emissions Calculations |
| <input checked="" type="checkbox"/> Attachment E: Plot Plan | <input checked="" type="checkbox"/> Attachment O: Monitoring/Recordkeeping/Reporting/Testing Plans |
| <input checked="" type="checkbox"/> Attachment F: Detailed Process Flow Diagram(s) | <input checked="" type="checkbox"/> Attachment P: Public Notice |
| <input checked="" type="checkbox"/> Attachment G: Process Description | <input type="checkbox"/> Attachment Q: Business Confidential Claims |
| <input checked="" type="checkbox"/> Attachment H: Material Safety Data Sheets (MSDS) | <input type="checkbox"/> Attachment R: Authority Forms |
| <input checked="" type="checkbox"/> Attachment I: Emission Units Table | <input checked="" type="checkbox"/> Attachment S: Title V Permit Revision Information |
| <input checked="" type="checkbox"/> Attachment J: Emission Points Data Summary Sheet | <input checked="" type="checkbox"/> Application Fee |

Please mail an original and three (3) copies of the complete permit application with the signature(s) to the DAQ, Permitting Section, at the address listed on the first page of this application. Please DO NOT fax permit applications.

FOR AGENCY USE ONLY – IF THIS IS A TITLE V SOURCE:

- Forward 1 copy of the application to the Title V Permitting Group and:
- For Title V Administrative Amendments:
 - NSR permit writer should notify Title V permit writer of draft permit,
- For Title V Minor Modifications:
 - Title V permit writer should send appropriate notification to EPA and affected states within 5 days of receipt,
 - NSR permit writer should notify Title V permit writer of draft permit.
- For Title V Significant Modifications processed in parallel with NSR Permit revision:
 - NSR permit writer should notify a Title V permit writer of draft permit,
 - Public notice should reference both 45CSR13 and Title V permits,
 - EPA has 45 day review period of a draft permit.

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

Attachment A – Business Certificate

**WEST VIRGINIA
STATE TAX DEPARTMENT
BUSINESS REGISTRATION
CERTIFICATE**

ISSUED TO:
**GREER INDUSTRIES INC
HC 78 BOX 93A
RIVERTON, WV 26814-9709**

BUSINESS REGISTRATION ACCOUNT NUMBER: **1027-2440**

This certificate is issued on: **07/11/2011**

*This certificate is issued by
the West Virginia State Tax Commissioner
in accordance with Chapter 11, Article 12, of the West Virginia Code*

*The person or organization identified on this certificate is registered
to conduct business in the State of West Virginia at the location above.*

This certificate is not transferrable and must be displayed at the location for which issued.

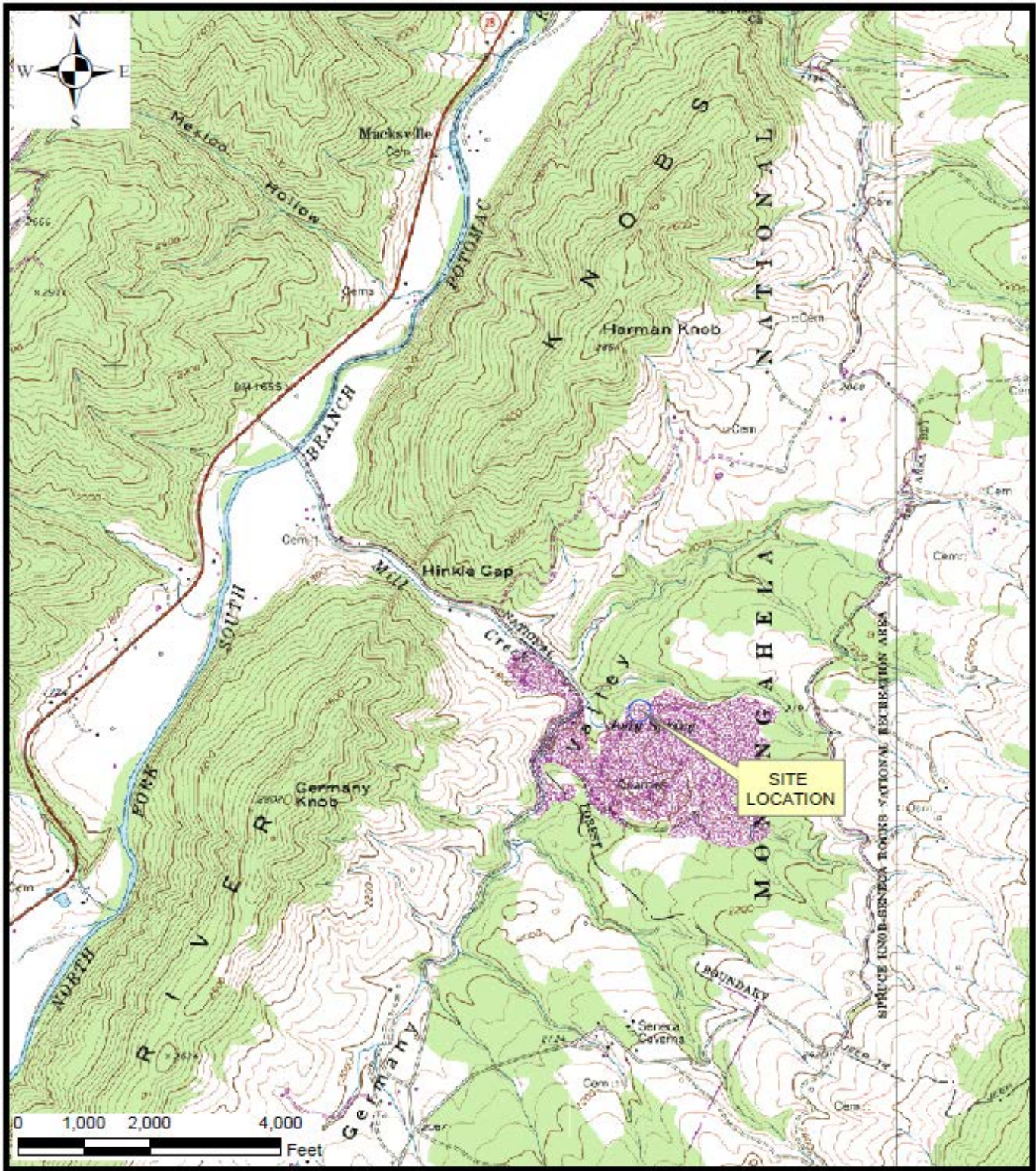
This certificate shall be permanent until cessation of the business for which the certificate of registration was granted or until it is suspended, revoked or cancelled by the Tax Commissioner.

Change in name or change of location shall be considered a cessation of the business and a new certificate shall be required.

TRAVELING/STREET VENDORS: Must carry a copy of this certificate in every vehicle operated by them.
CONTRACTORS, DRILLING OPERATORS, TIMBER/LOGGING OPERATIONS: Must have a copy of this certificate displayed at every job site within West Virginia.

Attachment B – Area Map

ATTACHMENT B – AREA MAP



Riverton Facility

Greer Industries, Inc. dba Greer Lime Company

Riverton, Pendleton County, West Virginia

Attachment C – Installation and Startup Schedule

ATTCHMENT C

INSTALLATION AND STARTUP SCHEDULE

Greer Industries, Inc. dba Greer Lime Company has initiated replacement of stone bins (1-SI-1 and 1-SI-2) and conveyor belt (1-BC-5) due to safety concerns in accordance with the approval from WVDAQ given on February 18, 2021. Startup of the modified operations is anticipated to begin on or about April 30, 2021.

Attachment D – Regulatory Discussion

ATTCHMENT D
REGULATORY DISCUSSION

Greer Industries, Inc. dba Greer Lime Company will replace two (2) pre-1976 limestone storage bins (1-SI-1 and 1-SI-2) and one (1) 1994 limestone conveyor belt. The replacement equipment is identical in rate and capacity to the older equipment. This project will not result in an increase in emissions. Because of the applicability of a new rule to the stone bins and an updated version of a rule to the conveyor belt (specifically 40 CFR 60, Subpart 000) a modification to R13-1685 is required. Replacement equipment will be required to comply with the applicable provisions of 45 CSR 7, 45 CSR 13, 45 CSR 30 and 40 CFR 60 Subpart 000.

45 CSR 7 requires the facility to control particulate matter from manufacturing processes. The applicability of 45 CSR 7 to Greer Lime Company has not changed.

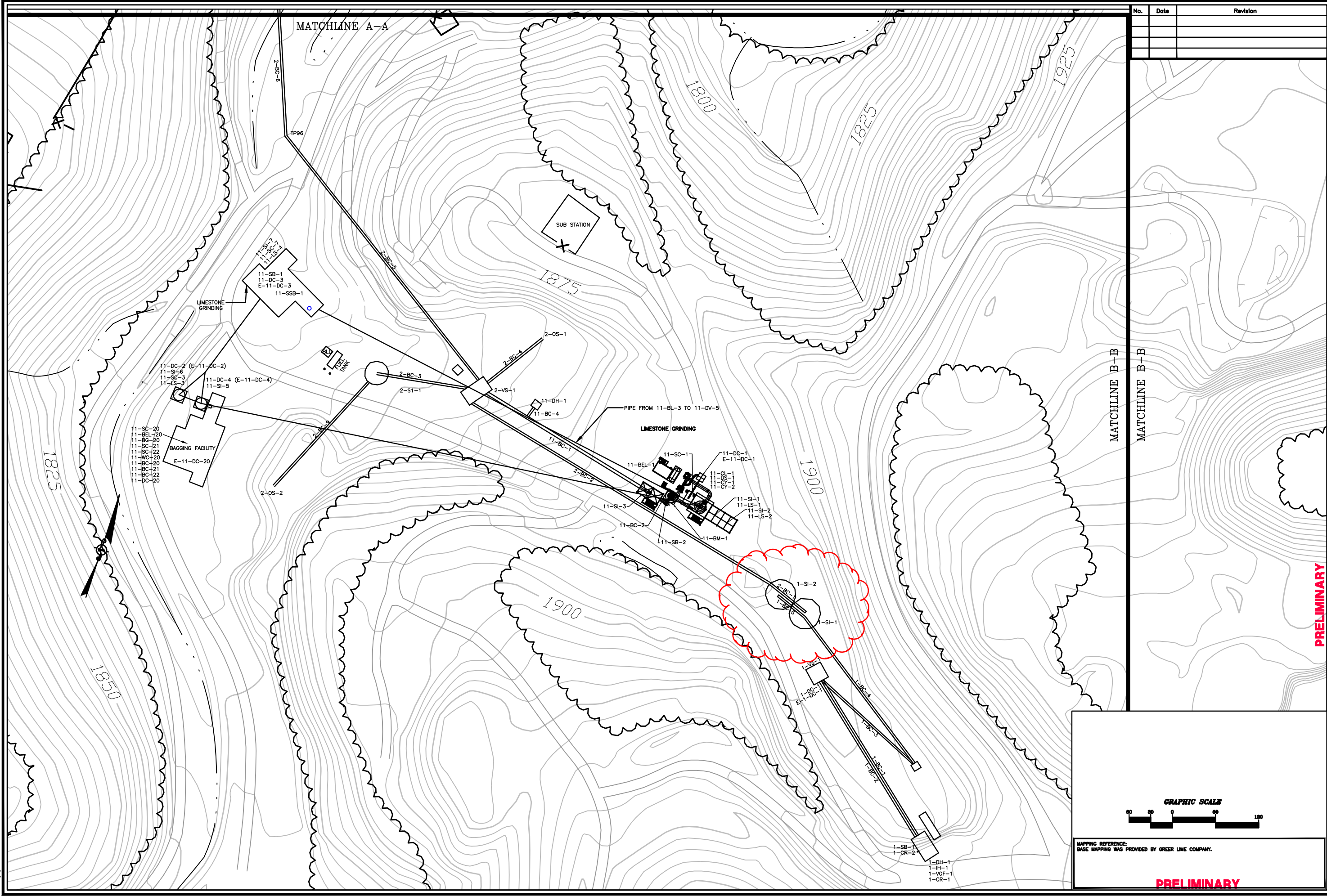
45 CSR 13 requires the facility to operate within the limits of the permit and in accordance with the permit application. The applicability of 45 CSR 13 to Greer Lime Company has not changed.

45 CSR 30 requires the facility to file annual Certified Emission Statements and pay appropriate fees. The Title V permit will be revised to include the proposed equipment. The applicability of 45 CSR 30 to Greer Lime Company has not changed.

40 CFR 60, Subpart 000 is a federal standard that applies to nonmetallic mineral processing (i.e. limestone). It sets emission limits, monitoring and recordkeeping requirements for affected equipment such as storage bins and conveyor belts. The April 28, 2009, version of the federal standard will apply to the stone bins (1-SI-1 and 1-SI-2) and conveyor belt (1-BC-5). Other affected equipment at the facility is already subject to this standard.

Attachment E – Plot Map

\\P01\Projects\13-0394\GREEN\13-0394-01-2.dwg
 Plot Date: 16 May 2014 8:24am
 User: jg



No.	Date	Revision

01-2
 CAD File No.
 BEL
 Drawn
 CSS
 Checked
 PEW
 Approved
 1" = 60'
 Scale:
 MAY 2014
 Date:
 13-0394
 Project No.

Potesta & Associates, Inc.
 ENGINEERS AND ENVIRONMENTAL CONSULTANTS
 7012 MacArthur Ave. St. Charles, NY 88004
 TEL: (804) 342-1400 FAX: (804) 342-9051
 E-Mail: Address: potestainc.com



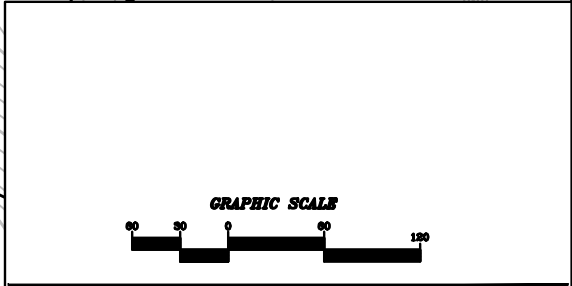
Client
 GREER LIME COMPANY
 UNION DISTRICT
 PENDLETON COUNTY
 WEST VIRGINIA

Title
 PLAN VIEW
 RIVERTON FACILITY

1
 Drawing No.

MATCHLINE B-B
 MATCHLINE B-B

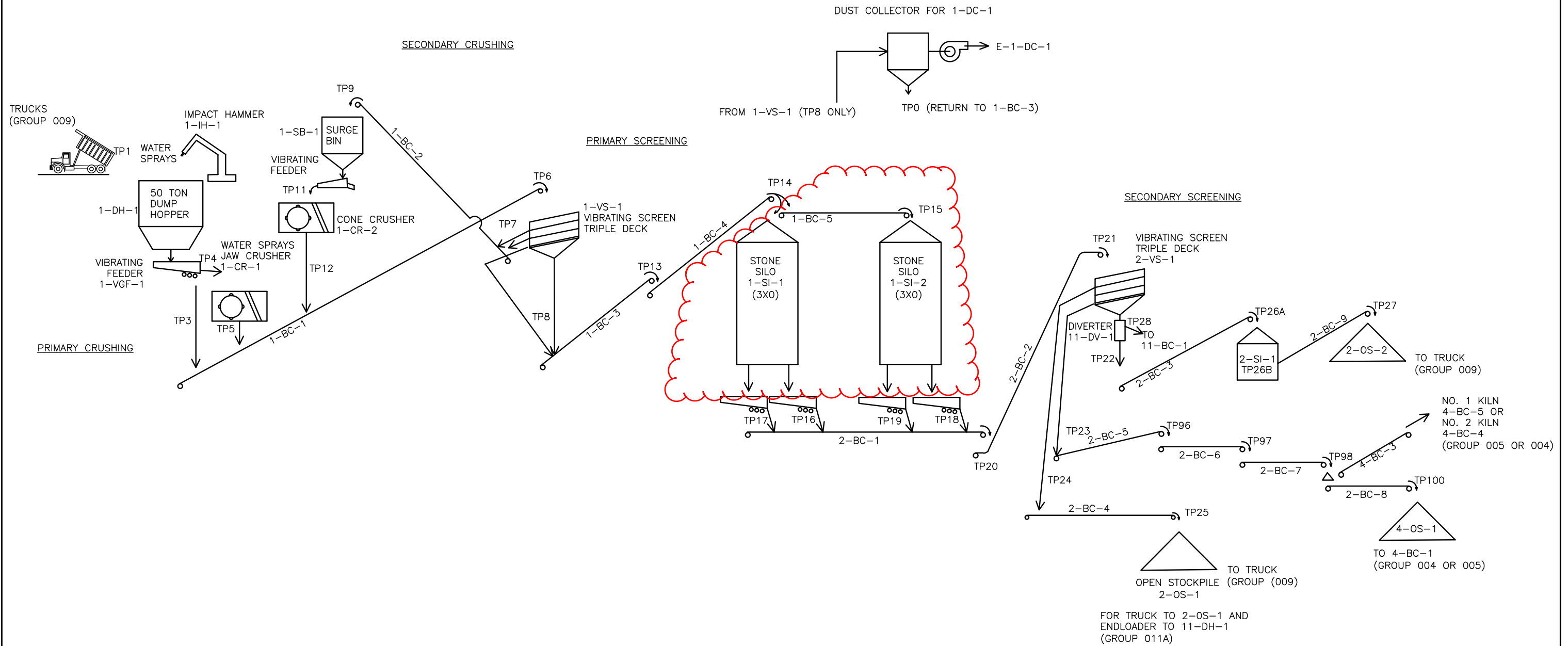
PRELIMINARY



MAPPING REFERENCE:
 BASE MAPPING WAS PROVIDED BY GREER LIME COMPANY.

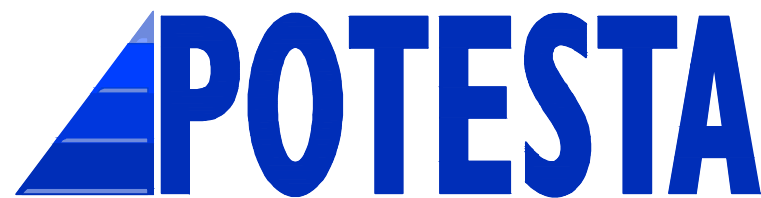
PRELIMINARY

Attachment F – Process Flow Diagram



XREF Files: IMAGE Files:
 File: S:\C3D-Proj-YR\2013\13-0394 GREER\B13-0394-01-2.dwg
 Plot Date/Time: May 16, 2014 - 8:22am
 Plotted By: jmartin

PROJECT #: 13-0394 FILENAME: B13-0394-01-2



Potesta & Associates, Inc.
 ENGINEERS AND ENVIRONMENTAL CONSULTANTS

7012 MacCorkle Ave. SE, Charleston, WV 25304
 TEL: (304) 342-1400 FAX: (304) 343-9031
 E-Mail Address: potesta@potesta.com

Project **PROCESS FLOW DIAGRAM
 EMISSION GROUP 002
 PRIMARY AND SECONDARY CRUSHING
 SYSTEMS GREER LIME COMPANY
 RIVERTON, WEST VIRGINIA**

Scale **NOT TO SCALE**
 Date **MAY 2014**

Dwg. No. **GROUP 002**

Attachment G – Process Description

ATTCHMENT G
PROCESS DESCRIPTION

Greer Industries, Inc. dba Greer Lime Company (Greer Lime), located in Riverton, Pendleton County, West Virginia, proposes to replace two existing stone bins (1-SI-1 and 1-SI-2) and the bin crossover conveyor belt (1-BC-5) with new units of the same capacity and process rate. The replacement is necessary to correct a safety issue with the stone bins as a result of structural corrosion. WVDAQ gave approval on February 18, 2021, to begin replacement work prior to being issued the appropriate air permit on the basis that the required application is submitted no later than March 31, 2021.

This modification will not result in an increase of regulated pollutant emissions. However, the replacement equipment does trigger the April 28, 2009, requirements of 40 CFR 60, Subpart 000. Therefore, a modification to permit R13-1685 is requested.


Attachment H – Safety Data Sheet

GREER LIME COMPANY SAFETY DATA SHEET (SDS)

Section I – Product and Company Identification

Product Identification	Manufacturer	24-Hour Emergency Contact No.	Recommended Use
Limestone (Upper New Market); Agricultural Lime; Limestone Sand; Rock Dust; Calcium Carbonate; CaCO ₃ CAS No: 1317-65-3	Greer Lime Company 1088 Germany Valley Limestone Road Riverton, WV 26814	In WV: (800) 344-5133 Outside WV: (800) 538-3100	Aggregate, chemical feedstock, livestock feed additive, soil conditioner, flue gas desulfurization, inert mine dust, etc.
		Telephone No. for Information (304) 567-2141	

Section II – Hazards Identification

Health Hazards	Skin Irritation (Category 3) Eye Irritation (Category 2B) Carcinogenicity (Category 1) Specific Target Organ Toxicity Single Exposure: Respiratory System (Cat. 3)
Pictograms	
Signal Word	Danger
Hazard Statements	Causes mild skin irritation. Causes eye irritation. May cause respiratory irritation. May cause cancer through inhalation.
Precautionary Statements	Keep out of reach of children. Avoid breathing dust. Use only outdoors or in a well-ventilated area. Wear protective gloves, eye protection, and respiratory protection. Wash exposed skin thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Dispose of contents or containers in accordance with applicable regulations. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove person to fresh air and keep at rest and comfortable. If skin or eye irritation occurs: Get medical advice. If exposed and concerned: Get medical advice. Call a doctor or emergency medical provider if you feel unwell.
Other Hazards not covered by GHS	None

Section III – Composition / Information on Ingredients

INGREDIENTS (Specific Chemical Identity; Common Names)	CAS REGISTRY NO.	% By Weight (Approx)
Calcium Carbonate (CaCO ₃)	471-34-1	>95
Magnesium Carbonate (MgCO ₃)	546-93-0	<3
Silicon Dioxide (SiO ₂), Amorphous	7631-86-9	<1.5
Silica (Si), Crystalline Quartz	14808-60-7	<1
Aluminum Oxide (Al ₂ O ₃)	1344-28-1	<0.5
Iron Oxide (Fe ₂ O ₃)	1309-37-1	<0.25

Section IV – First Aid Measures

Inhalation	Move to fresh air. Contact a physician.
Ingestion	Drink large quantities of water. Contact a physician.
Skin Contact	Wash with soap and water
Eye Contact	Immediately flush eyes with large amounts of water. Contact a physician.

Section V – Firefighting Measures

Extinguishing Method	N/A
Special Firefighting Equipment and Precautions	N/A
Specific Hazards in Case of Fire	N/A

Section VI – Accidental Release Measures

Initial Actions to Be Taken	Ventilate the area around the accidental release and remove all unnecessary personnel.
Cleaning Methods	Normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems recommended.

Section VII – Handling and Storage

Waste Disposal Method	Dispose of product in accordance with Federal, State, and Local regulations.
Precautions to be Taken during Handling/Storage	Store away from incompatible chemicals and acids.

Section VIII – Exposure Controls / Personal Protection

Respiratory Protection	NIOSH approved dust filter mask as minimal protection	
Ventilation	Local Exhaust	To maintain TLV and PEL
	Mechanical	To maintain TLV and PEL
	Special	None
	Other	None
Protective Gloves	Gloves discretionary	
Eye Protection	Shielded glasses or fitted goggles to reduce the chance of eye injury	
Other Protective Clothing	None	
Work / Hygienic Practices	Maintain dust exposure limits below TLV and PEL. If not possible, use respiratory protection. Avoid contact with eyes and skin.	

INGREDIENTS	OSHA PEL⁽¹⁾	ACGIH TLV⁽²⁾
Calcium Carbonate (CaCO ₃)	(T) 15 mg/m ³	(T) 10 mg/m ³
Magnesium Carbonate (MgCO ₃)	(T) 15 mg/m ³	(T) 10 mg/m ³
Silicon Dioxide (SiO ₂), Amorphous	(T) [80 mg/m ³ / (%SiO ₂)]	(I) 10 mg/m ³ (R) 3 mg/m ³
Silica (Si), Crystalline Quartz	(T) [30 mg/m ³ / (SiO ₂ + 2)] (R) [10 mg/m ³ / (SiO ₂ + 2)]	(R) 0.05 mg/m ³
Aluminum Oxide (Al ₂ O ₃)	(T) 15 mg/m ³ (R) 5 mg/m ³	(T) 10 mg/m ³
Iron Oxide (Fe ₂ O ₃)	(T) 10 mg/m ³	(T) 5 mg/m ³

(T): Total; (R): Respirable; (I): Inhalable

- (1) OSHA PEL: Occupational Safety and Health Administration, Permissible Exposure Limit is the time weighted average exposure for an 8-hr work shift of a 40-hr workweek.
 (2) ACGIH TLV: American Conference of Governmental Industrial Hygienists, Threshold Limit Value is the time weighted average recommended concentration for an 8-hr work shift of a 40-hr workweek.

Section IX – Physical and Chemical Properties

Appearance	Light gray solid
Odor and Threshold	None
pH	9.4 in saturated water solution at 25 °C
Melting Point	Decomposes at 1,750 °F (loses CO ₂)
Initial Boiling Point	5,162 °F
Flash Point	N/A
Evaporation Rate	N/A
Flammability	Product not flammable
Explosive Limits	No data available
Vapor Pressure	0.0 mm Hg
Vapor Density	N/A
Relative Density	2.7 - 2.9
Solubility	Negligible
Partition Coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition Temperature	1,750 °F

Section X – Stability and Reactivity

Stability	Chemically stable.
Incompatibility – Conditions to Avoid	Acids, Fluorine
Hazardous Decomposition Products	Calcium oxide and carbon dioxide.
Hazardous Polymerization	None

Section XI – Toxicological Information

Acute Effects	Skin Contact: May cause irritation Eye Contact: May cause irritation Inhalation: May cause lung irritation
Chronic Effects	Limestone is not found to be toxic. It is not listed by MSHA, OSHA, or IARC as a carcinogen. This product may contain Crystalline Silica which has been classified as carcinogenic to humans when inhaled in the form of Quartz, Crystobalite, and/or Tridymite. Long-term exposure to crystalline silica may result in silicosis, lung cancer, or other respiratory diseases
Acute Toxicity	LD50 Oral – Rat 6,450 mg/kg IDLH – Humans 25 mg/m ³ (Crystobalite and Tridymite), 50 mg/m ³ (Quartz and Tripoli)

Section XII – Ecological Information

Ecotoxicity	Due to the elevated pH of the product, upon exposure to specific aquatic organisms and aquatic systems, it may be cause some ecotoxicity in high concentrations.
Persistence and Degradability	No data available
Bioaccumulative Potential	This material shows no bioaccumulation potential.
Mobility in Soil	No data available
Other Adverse Effects	Due to the material's alkalinity, if released into water or moist soil will cause an increase in pH.

Section XIII – Disposal Considerations

Dispose of unused material in accordance with the Federal, State, and Local disposal requirements.
--

Section XIV – Transport Information

Limestone is not classified as a hazardous material by the Department of Transportation (DOT).
--

Section XV – Regulatory Information

EPA, RCRA Hazardous Waste Classification (40CFR261)	Not Listed
EPA, RCRA Hazardous Waste Number (40CFR261.33)	Not Listed
EPA, CERCLA Hazardous Substance (40CFR261)	Not Listed
EPA, CERCLA Reportable Quantity (RQ)	Not Listed
EPA, SARA 311/312 Codes	Not Listed
EPA, SARA Toxic Chemical (40CFR372.65)	Not Listed
EPA, SARA EHS (Extremely Hazardous Substance (40CFR355)	Not Listed
EPA Threshold Planning Quantity (TPQ)	Not Listed
EPA, TSCA Inventory List	All Components Listed
OSHA, Air Contaminant (29CFR1910.1000, Table Z-1)	Listed
OSHA, Specifically Regulated Substance (29CFR1910)	Not Listed
MSHA	Not Listed
State Regulations – Consult state and local authorities for guidance	See Note
Canadian Environmental Protection Act, Domestic Substances List	Listed

Section XVI – Other Information

HMIS III Safety Rating	Health – 1; Flammability – 0; Physical Hazard – 0; Protective Equipment - A
Revision Information	This SDS was revised on 5/18/15. All previous versions are obsolete
WARNING	This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
CANADA - WHMIS	Classification D2A (Toxic)
Disclaimer	The technical data presented herein is given as information only and is assumed to be reliable. Greer Lime Company assumes no responsibility for any inaccuracies or for any damage or injury that may occur during the use of this information.

Attachment I – Emission Units Table

Attachment K – Fugitive Emissions Data Summary Sheet

Attachment K

FUGITIVE EMISSIONS DATA SUMMARY SHEET

The FUGITIVE EMISSIONS SUMMARY SHEET provides a summation of fugitive emissions. Fugitive emissions are those emissions which could not reasonably pass through a stack, chimney, vent or other functionally equivalent opening. Note that uncaptured process emissions are not typically considered to be fugitive, and must be accounted for on the appropriate EMISSIONS UNIT DATA SHEET and on the EMISSION POINTS DATA SUMMARY SHEET.

Please note that total emissions from the source are equal to all vented emissions, all fugitive emissions, plus all other emissions (e.g. uncaptured emissions).

APPLICATION FORMS CHECKLIST - FUGITIVE EMISSIONS
1.) Will there be haul road activities? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If YES, then complete the HAUL ROAD EMISSIONS UNIT DATA SHEET.
2.) Will there be Storage Piles? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If YES, complete Table 1 of the NONMETALLIC MINERALS PROCESSING EMISSIONS UNIT DATA SHEET.
3.) Will there be Liquid Loading/Unloading Operations? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If YES, complete the BULK LIQUID TRANSFER OPERATIONS EMISSIONS UNIT DATA SHEET.
4.) Will there be emissions of air pollutants from Wastewater Treatment Evaporation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If YES, complete the GENERAL EMISSIONS UNIT DATA SHEET.
5.) Will there be Equipment Leaks (e.g. leaks from pumps, compressors, in-line process valves, pressure relief devices, open-ended valves, sampling connections, flanges, agitators, cooling towers, etc.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If YES, complete the LEAK SOURCE DATA SHEET section of the CHEMICAL PROCESSES EMISSIONS UNIT DATA SHEET.
6.) Will there be General Clean-up VOC Operations? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If YES, complete the GENERAL EMISSIONS UNIT DATA SHEET.
7.) Will there be any other activities that generate fugitive emissions? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If YES, complete the GENERAL EMISSIONS UNIT DATA SHEET or the most appropriate form.
If you answered "NO" to all of the items above, it is not necessary to complete the following table, "Fugitive Emissions Summary."

FUGITIVE EMISSIONS SUMMARY	All Regulated Pollutants - Chemical Name/CAS ¹	Maximum Potential Uncontrolled Emissions ²		Maximum Potential Controlled Emissions ³		Est. Method Used ⁴
		lb/hr	ton/yr	lb/hr	ton/yr	
Haul Road/Road Dust Emissions Paved Haul Roads	N/A					
Unpaved Haul Roads	N/A					
Storage Pile Emissions	N/A					
Liquid Loading/Unloading Operations	N/A					
Wastewater Treatment Evaporation & Operations	N/A					
Equipment Leaks	N/A					
General Clean-up VOC Emissions	N/A					
Other – transfer points related to stone bins and conveyor belt operation	TSP PM10	No change proposed	No change proposed	No change proposed	No change proposed	N/A

¹ List all regulated air pollutants. Speciate VOCs, including all HAPs. Follow chemical name with Chemical Abstracts Service (CAS) number. LIST Acids, CO, CS₂, VOCs, H₂S, Inorganics, Lead, Organics, O₃, NO, NO₂, SO₂, SO₃, all applicable Greenhouse Gases (including CO₂ and methane), etc. DO NOT LIST H₂, H₂O, N₂, O₂, and Noble Gases.

² Give rate with no control equipment operating. If emissions occur for less than 1 hr, then record emissions per batch in minutes (e.g. 5 lb VOC/20 minute batch).

³ Give rate with proposed control equipment operating. If emissions occur for less than 1 hr, then record emissions per batch in minutes (e.g. 5 lb VOC/20 minute batch).

⁴ Indicate method used to determine emission rate as follows: MB = material balance; ST = stack test (give date of test); EE = engineering estimate; O = other (specify).

Attachment L – Emission Unit Data Sheet: General

Affected Source Sheet

Source Specific Emissions Data: Solid Materials Sizing, Handling and Storage Facilities

Required Information Regarding Dust Control Equipment Measures

1. If water or chemical sprays are to be used on conveyors, transfer points, stockpiles, etc... for dust control, the location of all spray bars or spray systems should be shown on the plot plans and/or line drawings. The following information should be provided for each spray system:
 - a. Design water flow through spray bar
 - b. Type and amount of chemicals used and the mix ratio of chemical to water used at the sprays.
 - c. Methods employed to winterize sprays (e.g. keep sprays from freezing and becoming inoperable during cold weather)

2. A detailed written description should be submitted of dust control measures/programs that will be employed on haul roads and in areas of vehicle activity around material stockpiled. The haulways and areas to be treated should be shown by shading or similar description on the plant plan. The following points should be specifically addressed:
 - a. Equipment (e.g. water trucks, fixed spray bars, wheel and truck underbody washers, etc...) that will be used in this dust control program.
 - b. Frequency of application of water and chemical to roads and stockpile areas during dry periods.
 - c. Amount of chemical suppressants to be used, if applicable, in pounds or gallons per square yard of surface to be treated.
 - d. Type of haulroad or haulway surface(s) that will be maintained (e.g. coarse gravel, reddog, etc...)
 - e. Approximate maximum length of haulroads (miles or feet).
 - f. Maximum daily truck traffic on haulroads (number of trucks).

3. If full or partial enclosures are to be used to minimize dust entrainment, a drawing of each such enclosure should be submitted (for example at truck dump bins, breakers, conveyor transfer points).

4. If particulate control devices such as baghouses or scrubbers are to be used, complete an appropriate Air Pollution Control Device Sheet and furnish a drawing showing details of enclosures and ductwork associated with these control systems.

Affected Source Sheet

Source Specific Emissions Data: Solid Materials Sizing, Handling, and Storage Facilities

Plot Plan(s) and Line Drawing(s)

- a. Finish the plot plan(s) of the plant area which contains sufficient detail to show the scaled layout of the equipment involved in each materials handling system (e.g. conveyors, transfer points, crushers, screens, bins, stockpiles, truck dump bins, etc...). Show equipment or buildings described in other sections of this application on the plot plan as appropriate. The guidelines for Plot Plans should be followed to the extent possible.
- b. Furnish the line drawing(s) or schematic(s) showing each component or facet of each materials handling system (e.g. conveyors, transfer points, stockpiles, crushers, screens, bins etc...). Show process equipment described in other sections of this application as needed for clarity.
- c. On the line drawing(s) or schematic(s) furnished in accordance with item (b) assign an ID number to each conveyor, transfer point (including truck, barge and rail car loading/unloading etc...), storage structure, stockpile, crusher, and screening unit. If any equipment is shown on the line drawing(s) which was described in other sections of this application, use the ID numbers assigned to the equipment in those other sections and indicate equipment name or type (e.g. rotary dryer, vertical kiln etc...)
- d. To the extent possible, note the numbers assigned for equipment and storage facilities as per item (c) on the Plot Plans(s).
- e. The assigned ID numbers for equipment and transfer points must be used to complete Tables 1, 2, and 3 following.

Table 1: Affected Storage Activity

ID Number	1-SI-1	1-SI-2			
Affected Source Name	Stone Bin 1	Stone Bin 2			
Type Storage¹	FE Bin	FE Bin			
Material Stored	Limestone	Limestone			
Typical Moisture Content (%)	3%	3%			
Avg % of material passing 200 mesh sieve	<2%	<2%			
Maximum Total Yearly Throughput in storage (tons)	1.5 MM TPY				
Maximum Quantity of Material in Storage² (tons)	2,000	2,000			
Maximum Stockpile Base Area (sq. ft.)	N/A	N/A			
Maximum Stockpile height (ft)	N/A	N/A			
Type dust controls during storage³	FE	FE			
Method of material load-in to bin or stockpile⁴	Belt Conv.	Belt Conv.			
Type dust controls during load-in⁵	FE	FE			
Method of material load-out to bin or stockpile⁴	Feeders	Feeders			
Type dust controls during load-out⁵	FE	FE			

Table 3: Crushing and Screening

ID Number		N/A		
Type Crusher or Screen⁸				
Material Sized				
Maximum Material Throughput	Tons/hour			
	Tons/year			
Material sized from/to:⁹				
Typical moisture content as crushed or screened (%)				
Type dust control				
Stack Parameters	height (ft)			
	diameter (ft)			
	Volume (ACFM)			
	Temp (EF)			
Maximum Operating Schedule	hour/day			
	day/year			
	hour/year			
Approximate Percentage of Operation from:	Jan-Mar			
	April-June			
	July-Sept			
	Oct-Dec			
Maximum Particulate Emissions	lb/hour			
	Ton/year			

Attachment N – Supporting Emission Calculations

ATTCHMENT N
EMISSION CALCULATIONS

There is no change in current actual or potential emissions associated with this project. This project consists of the replacement of two (2) stone bins and one (1) conveyor belt with equipment of the same capacity and process rates.

Attachment 0 – Monitoring, Recordkeeping, and Reporting Plans

ATTCHMENT O

MONITORING / RECORDKEEPING / REPORTING / TESTING PLANS

Greer Lime Company proposes no additional monitoring, recordkeeping, reporting or testing conditions above and beyond the existing requirements found in Title V Permit No. R30-07100001-2020. While the replacement equipment will be subject to the April 28, 2009 version of 40 CFR 60, Subpart OOO, these requirements are already listed in our Title V permit.

Attachment P – Legal Ad

AIR QUALITY PERMIT NOTICE

Notice of Application

Notice is given that Greer Industries, Inc. dba Greer Lime Company has applied to the West Virginia Department of Environmental Protection, Division of Air Quality, for a Modification Permit to replace two (2) limestone storage bins and one (1) limestone conveyor belt in the Primary Limestone Plant located on 1088 Germany Valley Limestone Road, Riverton, Pendleton County, West Virginia. The latitude and longitude coordinates are: 38.7787° North, 79.3938° West.

The applicant estimates the increased potential to discharge the following Regulated Air Pollutants will be: Particulate Matter (PM) of 0 tons per year (tpy), Particulate Matter less than 10 microns (PM10) of 0 tpy and Particulate Matter less than 2.5 microns (PM2.5) of 0 tpy.

Startup of operation is planned to begin on or about the 30th day of April 2021. Written comments will be received by the West Virginia Department of Environmental Protection, Division of Air Quality, 601 57th Street, SE, Charleston, WV 25304, for at least 30 calendar days from the date of publication of this notice. Written comments will also be received via email at DEPAirQualityPermitting@WV.gov.

Any questions regarding this permit application should be directed to the DAQ at (304) 926-0499, extension 41281, during normal business hours.

Dated this the 25th day of March, 2021.

By: Greer Industries, Inc. dba Greer Lime Company
J. Robert Gwynne
Executive Vice President
1088 Germany Valley Limestone Road
Riverton, WV 26814

Attachment S – Title V Permit Revision Information

3. Suggested Title V Draft Permit Language

Are there any changes involved with this Title V Permit revision outside of the scope of the NSR Permit revision? Yes No If Yes, describe the changes below.

Also, please provide **Suggested Title V Draft Permit language** for the proposed Title V Permit revision (including all applicable requirements associated with the permit revision and any associated monitoring /recordkeeping/ reporting requirements), OR attach a marked up pages of current Title V Permit. Please include appropriate citations (Permit or Consent Order number, condition number and/or rule citation (e.g. 45CSR§7-4.1)) for those requirements being added / revised.

Revise Section 1.0 Emission Units of the existing Title V permit to reflect the new install dates (2021) for replacement equipment (1-SI-1, 1-SI-2 and 1-BC-5) as outlined in the Regulation 13 permit modification.

Revise 4.1.4. to remove reference to stone bins (1-SI-1 and 1-SI-2) not being subject to NSPS, Subpart OOO.

4. Active NSR Permits/Permit Determinations/Consent Orders Associated With This Permit Revision		
Permit or Consent Order Number	Date of Issuance	Permit/Consent Order Condition Number
R13-1685	2/10/1994	N/A

5. Inactive NSR Permits/Obsolete Permit or Consent Orders Conditions Associated With This Revision		
Permit or Consent Order Number	Date of Issuance	Permit/Consent Order Condition Number
N/A		

6. Change in Potential Emissions	
Pollutant	Change in Potential Emissions (+ or -), TPY
PM	0
PM10	0
PM2.5	0

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.


7. Certification For Use Of Minor Modification Procedures (Required Only for Minor Modification Requests)

Note: This certification must be signed by a responsible official. Applications without a signed certification will be returned as incomplete. The criteria for allowing the use of Minor Modification Procedures are as follows:

- i. Proposed changes do not violate any applicable requirement;
- ii. Proposed changes do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit;
- iii. Proposed changes do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient air quality impacts, or a visibility increment analysis;
- iv. Proposed changes do not seek to establish or change a permit term or condition for which there is no underlying applicable requirement and which permit or condition has been used to avoid an applicable requirement to which the source would otherwise be subject (synthetic minor). Such terms and conditions include, but are not limited to a federally enforceable emissions cap used to avoid classification as a modification under any provision of Title I or any alternative emissions limit approved pursuant to regulations promulgated under § 112(j)(5) of the Clean Air Act;
- v. Proposed changes do not involve preconstruction review under Title I of the Clean Air Act or 45CSR14 and 45CSR19;
- vi. Proposed changes are not required under any rule of the Director to be processed as a significant modification;

Notwithstanding subparagraph 45CSR§30-6.5.a.1.A. (items i through vi above), minor permit modification procedures may be used for permit modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches, to the extent that such minor permit modification procedures are explicitly provided for in rules of the Director which are approved by the U.S. EPA as a part of the State Implementation Plan under the Clean Air Act, or which may be otherwise provided for in the Title V operating permit issued under 45CSR30.

Pursuant to 45CSR§30-6.5.a.2.C., the proposed modification contained herein meets the criteria for use of Minor permit modification procedures as set forth in Section 45CSR§30-6.5.a.1.A. The use of Minor permit modification procedures are hereby requested for processing of this application.

(Signed):	 <i>(Please use blue ink)</i>	Date:	3 / 17 / 21 <i>(Please use blue ink)</i>
Named (typed):	J. Robert Gwynne	Title:	Executive Vice President

Note: Please check if the following included (if applicable):

<input type="checkbox"/>	Compliance Assurance Monitoring Form(s)
<input type="checkbox"/>	Suggested Title V Draft Permit Language

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.