

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE AND ENFORCEMENT BRANCH  
PART 70 OPERATING PERMIT  
CERTIFICATION**

Source Name: Mulzer Crushed Stone, Inc. (Cape Sandy Facility)  
Source Address: 19925 S. Alton Fredonia Road, Leavenworth, Indiana 47137  
Part 70 Permit No.: T025-36919-00002

**This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.**

Please check what document is being certified:

- Annual Compliance Certification Letter
- Test Result (specify)
- Report (specify)
- Notification (specify)
- Affidavit (specify)
- Other (specify) 2023 IDEM OAQ 3 year estimated detailed emission summary statement

*Received*  
JUN 25 2024  
State of Indiana

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature: *Wenona Fosselman*

Printed Name: Ms. Wenona Fosselman

Title/Position: Sustainability Manager

Phone: 812 547-1400

Date: 6/5/2024

Received  
JUN 25 2024  
State of Indiana

1 of 1 100% Find | Next



**AES-01**  
**AIR EMISSION STATEMENT CERTIFICATION**  
State Form 52052 (3-05)  
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM - Office of Air Quality  
Technical Support and Modeling Section - Mail Code 61-51  
100 N. Senate Avenue  
Indianapolis, IN 46204-2252  
Telephone: (317) 233-0178 or  
Toll Free: 1-800-451-6027 x30178 (within Indiana)

**Instructions:**

- This is a required form for each air emission statement as well as any modifications.
- The certification supplied with a source's permit may be used in lieu of this form
- "Responsible Official" has the same meaning as defined in 326 IAC (34), and is usually designated in the General Information section of the permit.

Part A: Contact Information	
Part A is intended to provide basic information about the company submitting an Air Emission Statement and information on the Air Emission Statement preparer in case there is a question about the report.	
1. Company Name: Mulzer Crushed Stone Inc (Cape Sandy Fa	2. Source ID: 1802500002
3. Mailing Address:	
City:	State: ZIP Code:
4. Name of Emission Statement Preparer: Christopher Zirkelbach	
5. Title of Emission Statement Preparer (optional): President	
6. Telephone Number: (812)-402-3774	7. Facsimile Number (optional):
8. Electronic Mail Address (optional): cjz@essi-inc.com	
Part B: Emissions Summary	
Part B is intended to aid in the review of data and to collect information about billable hazardous air pollutants	
<b>Emissions Statement Pollutants (Plant Wide) Tons Emitted</b>	
Primary PM10, Filterable Portion Only (PM10-FIL)	134.3799
Primary PM2.5, Filterable Portion Only (PM25-FIL)	7.8491
<b>Part 70 Permit Billable Hazardous Air Pollutants (Plant Wide) Tons Emitted</b>	
No Billable Hazardous Air Pollutants reported	0.0000
Part C: Signature of Responsible Official	
I hereby certify that the information in this emission statement is accurate based on reasonable estimates using data available to the preparer and on a reasonable inquiry into records and persons responsible for the operation of the source, and is true, accurate, and complete.	
Wenona Fosselman	Sustainability Manager
Name of Responsible Official (typed or printed)	Title of Responsible Official
	6/06/2024
Signature of Responsible Official	Date (month, day, year)

# Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Facility Emissions Overview		
Pollutant	Pollutant Description	Emissions (Tons)
PM-CON	Primary PM Condensable Only (All Less Than 1 Micron)	1.6564
PM10-FIL	Primary PM10, Filterable Portion Only	145.7313
PM25-FIL	Primary PM2.5, Filterable Portion Only	10.2657

Group ID: 001		Group Description: PLANT 1		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 6	Weeks Per Year: 45	Hours Per Day: 10	Hours Per Year: 2238	
Process ID: 02		Process Description: PRIMARY CRUSHING		
SCC:	30502001	Stack:	1	
	Mineral Products	Description:	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	Stack Type:	Fugitive	
	Primary Crushing	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	0	
Throughput:	1274349 Tons	Gas Flow:	0	
Material:	Raw Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.00059	98.08	0.0072
PM25-FIL	State/Local Emission Factor	3E-05	98.08	0.0004

# Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 03		Process Description: SECONDARY CRUSHING		
<b>SCC:</b>	30502002	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Secondary Crushing/Screening	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1274349 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.00059	89.09	0.0410
PM25-FIL	State/Local Emission Factor	3E-05	89.09	0.0021
Process ID: 04		Process Description: TERTIARY CRUSHING		
<b>SCC:</b>	30502002	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Secondary Crushing/Screening	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1146914 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.0005	89.09	0.0313
PM25-FIL	State/Local Emission Factor	2E-05	89.09	0.0013

## Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 05		Process Description: QUATERNARY CRUSHING		
<b>SCC:</b>	30502002	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Secondary Crushing/Screening	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1146914 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.0005	89.09	0.0313
PM25-FIL	State/Local Emission Factor	2E-05	89.09	0.0013
Process ID: 06		Process Description: FIRST SCREEN		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1274349 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.015	69.3	2.9342
PM25-FIL	State/Local Emission Factor	0.00443	69.3	0.8666

# Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 07		Process Description: SECONDARY SCREEN		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1274349 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.015	69.3	2.9342
PM25-FIL	State/Local Emission Factor	0.00443	69.3	0.8666
Process ID: 08		Process Description: THIRD SCREEN		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1274349 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.015	69.3	2.9342
PM25-FIL	State/Local Emission Factor	0.00443	69.3	0.8666

# Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

<b>Process ID: 09</b>		<b>Process Description: FINAL SCREEN</b>		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1274349 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.015	69.3	2.9342
PM25-FIL	State/Local Emission Factor	0.00443	69.3	0.8666
<b>Process ID: 10</b>		<b>Process Description: RIP RAP SCREEN</b>		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	114691 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.015	0	0.8602
PM25-FIL	State/Local Emission Factor	0.00443	0	0.2540

## Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 11		Process Description: TRANSFER POINT #1		
SCC:	30502506	Stack:	1	
	Mineral Products	Description:	POINT SOURCES	
	Construction Sand and Gravel	Stack Type:	Fugitive	
	Bulk Loading	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	0	
Throughput:	1274349 Tons	Gas Flow:	0	
Material:	Product	Input/Output:	Process Material Produced (Outut)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM25-FIL	EPA Emission Factor	0	0	0
PM10-FIL	State/Local Emission Factor	4E-05	0	0.0255
Process ID: 12		Process Description: TRANSFER POINT #2		
SCC:	30502506	Stack:	1	
	Mineral Products	Description:	POINT SOURCES	
	Construction Sand and Gravel	Stack Type:	Fugitive	
	Bulk Loading	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	0	
Throughput:	1274349 Tons	Gas Flow:	0	
Material:	Product	Input/Output:	Process Material Produced (Outut)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM25-FIL	EPA Emission Factor	0	0	0
PM10-FIL	State/Local Emission Factor	4E-05	0	0.0255



## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 13		Process Description: TRANSFER POINT #3		
<b>SCC:</b>	30502506	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Construction Sand and Gravel	<b>Stack Type:</b>	Fugitive	
	Bulk Loading	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1146932 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Product	<b>Input/Output:</b>	Process Material Produced (Output)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM25-FIL	EPA Emission Factor	0	0	0
PM10-FIL	State/Local Emission Factor	4E-05	0	0.0229
Process ID: 14		Process Description: TRANSFER POINT #4		
<b>SCC:</b>	30502506	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Construction Sand and Gravel	<b>Stack Type:</b>	Fugitive	
	Bulk Loading	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1032239 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Product	<b>Input/Output:</b>	Process Material Produced (Output)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM25-FIL	EPA Emission Factor	0	0	0
PM10-FIL	State/Local Emission Factor	4E-05	0	0.0206

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

<b>Group ID: 002</b>		<b>Group Description: STOCK PILES</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 25</b>	<b>Spring: 25</b>	<b>Summer: 25</b>	<b>Fall: 25</b>	
<b>Days Per Week: 5</b>	<b>Weeks Per Year: 46</b>	<b>Hours Per Day: 10</b>	<b>Hours Per Year: 2360</b>	
<b>Process ID: 01</b>		<b>Process Description: OPEN STORAGE</b>		
<b>SCC:</b>	30502007	<b>Stack:</b>	2	
	Mineral Products	<b>Description:</b>	FUGITIVES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Open Storage	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	488508 Ton-Years	<b>Gas Flow:</b>	0	
<b>Material:</b>	Product	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	6E-05	0	0.0147
PM25-FIL	State/Local Emission Factor	2E-05	0	0.0049
<b>Process ID: 02</b>		<b>Process Description: VEHICLE TRAFFIC</b>		
<b>SCC:</b>	30502011	<b>Stack:</b>	2	
	Mineral Products	<b>Description:</b>	FUGITIVES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Hauling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	119974 Miles	<b>Gas Flow:</b>	0	
<b>Material:</b>	Vehicle	<b>Input/Output:</b>	Process Material Produced (Output)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM25-FIL	EPA Emission Factor	0	49.5	0
PM10-FIL	State/Local Emission Factor	3.3	49.5	99.9683

# Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

<b>Process ID: 03</b>		<b>Process Description: TRUCK UNLOADING</b>		
<b>SCC:</b>	30504023	<b>Stack:</b>	2	
	Mineral Products	<b>Description:</b>	FUGITIVES	
	Mining and Quarrying of Nonmetallic Minerals	<b>Stack Type:</b>	Fugitive	
	Unloading	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	49609 100 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	2E-05	0	0.0005
PM25-FIL	State/Local Emission Factor	0	0	0
<b>Group ID: 003</b>		<b>Group Description:PLANT 2</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 25	<b>Spring:</b> 25	<b>Summer:</b> 25	<b>Fall:</b> 25	
<b>Days Per Week:</b> 5	<b>Weeks Per Year:</b> 46	<b>Hours Per Day:</b> 10	<b>Hours Per Year:</b> 2320	
<b>Process ID: 01</b>		<b>Process Description: TRUCK LOADING</b>		
<b>SCC:</b>	30504020	<b>Stack:</b>	2	
	Mineral Products	<b>Description:</b>	FUGITIVES	
	Mining and Quarrying of Nonmetallic Minerals	<b>Stack Type:</b>	Fugitive	
	Loading	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	2070472 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.0016	0	1.6564
PM-CON	State/Local Emission Factor	0.0016	0	1.6564

## Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 02		Process Description: PRIMARY CRUSHING		
<b>SCC:</b>	30502001	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Primary Crushing	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	2070472 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM25-FIL	State/Local Emission Factor	3E-05	96.87	0.0010
PM10-FIL	State/Local Emission Factor	0.00059	0	0.6108
Process ID: 03		Process Description: SECONDARY CRUSHING		
<b>SCC:</b>	30502002	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Secondary Crushing/Screening	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	2070472 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.0005	89.09	0.0565
PM25-FIL	State/Local Emission Factor	2E-05	89.09	0.0023

## Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 04		Process Description: TERTIARY CRUSHING		
<b>SCC:</b>	30502002	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Secondary Crushing/Screening	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	2070472 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.00059	89.09	0.0666
PM25-FIL	State/Local Emission Factor	3E-05	89.09	0.0034
Process ID: 05		Process Description: QUANTANARY CRUSHING		
<b>SCC:</b>	30502002	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Secondary Crushing/Screening	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	2070472 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.0005	89.09	0.0565
PM25-FIL	State/Local Emission Factor	2E-05	89.09	0.0023

# Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 06		Process Description: FIRST SCREEN		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	2070472 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.015	69.3	4.7673
PM25-FIL	State/Local Emission Factor	0.00443	69.3	1.4079
Process ID: 07		Process Description: SECONDARY SCREEN		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	2070472 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.015	69.3	4.7673
PM25-FIL	State/Local Emission Factor	0.00443	69.3	1.4079

## Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 08		Process Description: THIRD SCREEN		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	2070472 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.015	69.3	4.7673
PM25-FIL	State/Local Emission Factor	0.00443	69.3	1.4079
Process ID: 09		Process Description: FOURTH SCREEN		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	2070472 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.015	69.3	4.7673
PM25-FIL	State/Local Emission Factor	0.00443	69.3	1.4079

# Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 10		Process Description: TRANSFER POINT #1		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	2070472 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	4E-05	0	0.0414
PM25-FIL	State/Local Emission Factor	1E-05	0	0.0104
Process ID: 11		Process Description: TRANSFER POINT #2		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	2070472 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	4E-05	0	0.0414
PM25-FIL	State/Local Emission Factor	1E-05	0	0.0104



## Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 12		Process Description: TRANSFER POINT #11		
SCC:	30502006	Stack:	1	
	Mineral Products	Description:	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	Stack Type:	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	0	
Throughput:	2070249 Tons	Gas Flow:	0	
Material:	Raw Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	5E-05	0	0.0518
PM25-FIL	State/Local Emission Factor	1E-05	0	0.0104
Process ID: 13		Process Description: TRANSFER POINT #4		
SCC:	30502006	Stack:	1	
	Mineral Products	Description:	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	Stack Type:	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	0	
Throughput:	2070472 Tons	Gas Flow:	0	
Material:	Raw Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	5E-05	0	0.0518
PM25-FIL	State/Local Emission Factor	1E-05	0	0.0104

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

<b>Group ID: 004</b>		<b>Group Description:LOADOUT</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 25</b>	<b>Spring: 25</b>	<b>Summer: 25</b>	<b>Fall: 25</b>	
<b>Days Per Week: 5</b>	<b>Weeks Per Year: 46</b>	<b>Hours Per Day: 10</b>	<b>Hours Per Year: 2320</b>	
<b>Process ID: 01</b>		<b>Process Description: BULK LOADING</b>		
<b>SCC:</b>	30502506	<b>Stack:</b>	2	
	Mineral Products	<b>Description:</b>	FUGITIVES	
	Construction Sand and Gravel	<b>Stack Type:</b>	Fugitive	
	Bulk Loading	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	4830838 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Product	<b>Input/Output:</b>	Process Material Produced (Output)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM25-FIL	EPA Emission Factor	0	0	0
PM10-FIL	State/Local Emission Factor	0.0014	0	3.3816
<b>Process ID: 02</b>		<b>Process Description: TRUCK LOADING</b>		
<b>SCC:</b>	30504020	<b>Stack:</b>	2	
	Mineral Products	<b>Description:</b>	FUGITIVES	
	Mining and Quarrying of Nonmetallic Minerals	<b>Stack Type:</b>	Fugitive	
	Loading	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	48308 100 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.0001	0	0.0024
PM25-FIL	State/Local Emission Factor	2E-05	0	0.0005

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

<b>Group ID: 005</b>		<b>Group Description: PLANT 1A</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 25</b>	<b>Spring: 25</b>	<b>Summer: 25</b>	<b>Fall: 25</b>	
<b>Days Per Week: 5</b>	<b>Weeks Per Year: 37</b>	<b>Hours Per Day: 8</b>	<b>Hours Per Year: 1495</b>	
<b>Process ID: 01</b>		<b>Process Description: PRIMARY CRUSHING</b>		
<b>SCC:</b>	30502001	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Primary Crushing	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1309937 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.00059	89.09	0.0422
PM25-FIL	State/Local Emission Factor	3E-05	89.09	0.0021
<b>Process ID: 02</b>		<b>Process Description: SECONDARY CRUSHING</b>		
<b>SCC:</b>	30502001	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Primary Crushing	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1309937 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.00059	89.09	0.0422
PM25-FIL	State/Local Emission Factor	3E-05	89.09	0.0021

# Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

<b>Process ID: 03</b>		<b>Process Description: TERTIARY CRUSHING</b>		
<b>SCC:</b>	30502001	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Primary Crushing	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1309937 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.00059	89.09	0.0422
PM25-FIL	State/Local Emission Factor	3E-05	89.09	0.0021
<b>Process ID: 04</b>		<b>Process Description: FIRST SCREEN</b>		
<b>SCC:</b>	30502001	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Primary Crushing	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1309937 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM25-FIL	EPA Emission Factor	0.001	69.3	0.2011
PM10-FIL	State/Local Emission Factor	0.015	69.3	3.0161

# Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 05		Process Description: FINAL SCREEN		
<b>SCC:</b>	30502001	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Primary Crushing	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1309937 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM25-FIL	EPA Emission Factor	0.001	69.3	0.2011
PM10-FIL	State/Local Emission Factor	0.015	69.3	3.0161
Process ID: 06		Process Description: TRANSFER POINT #1		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1309937 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	5E-05	0	0.0327
PM25-FIL	State/Local Emission Factor	1E-05	0	0.0065

# Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 07		Process Description: TRANSFER POINT #2		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1309937 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	5E-05	0	0.0327
PM25-FIL	State/Local Emission Factor	1E-05	0	0.0065
Process ID: 08		Process Description: TRANSFER POINT #3		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1948018 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	5E-05	0	0.0487
PM25-FIL	State/Local Emission Factor	1E-05	0	0.0097

## Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

Process ID: 09		Process Description: TRANSFER POINT #4		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1309937 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	5E-05	0	0.0327
PM25-FIL	State/Local Emission Factor	1E-05	0	0.0065
Process ID: 10		Process Description: TRANSFER POINT #5		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1309937 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	5E-05	0	0.0327
PM25-FIL	State/Local Emission Factor	1E-05	0	0.0065

# Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

<b>Process ID: 11</b>		<b>Process Description: TRANSFER POINT #6</b>		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1309937 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	5E-05	0	0.0327
PM25-FIL	State/Local Emission Factor	1E-05	0	0.0065
<b>Group ID: 006</b>		<b>Group Description: SAND PLANT</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 25</b>	<b>Spring: 25</b>	<b>Summer: 25</b>	<b>Fall: 25</b>	
<b>Days Per Week: 5</b>	<b>Weeks Per Year: 20</b>	<b>Hours Per Day: 8</b>	<b>Hours Per Year: 825</b>	
<b>Process ID: 01</b>		<b>Process Description: BIN LOADING</b>		
<b>SCC:</b>	30502506	<b>Stack:</b>	2	
	Mineral Products	<b>Description:</b>	FUGITIVES	
	Construction Sand and Gravel	<b>Stack Type:</b>	Fugitive	
	Bulk Loading	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	181492 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Product	<b>Input/Output:</b>	Process Material Produced (Output)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM25-FIL	EPA Emission Factor	0	0	0
PM10-FIL	State/Local Emission Factor	0.0014	0	0.1270



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NAICS: 54184 Media Representatives

<b>Process ID: 02</b>		<b>Process Description: WET CLASSIFYING</b>		
<b>SCC:</b>	30502006	<b>Stack:</b>	2	
	Mineral Products	<b>Description:</b>	FUGITIVES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	181492 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.015	0	1.3612
PM25-FIL	State/Local Emission Factor	0.00443	0	0.4020
<b>Group ID: 007</b>		<b>Group Description:PORTABLE PLANT (Eleven's Plant)</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 25</b>	<b>Spring: 25</b>	<b>Summer: 25</b>	<b>Fall: 25</b>	
<b>Days Per Week: 5</b>	<b>Weeks Per Year: 21</b>	<b>Hours Per Day: 8</b>	<b>Hours Per Year: 846</b>	
<b>Process ID: 01</b>		<b>Process Description: CRUSHING</b>		
<b>SCC:</b>	30502001	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Primary Crushing	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	0 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.00059	89.09	0
PM25-FIL	State/Local Emission Factor	3E-05	89.09	0

# Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

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Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

<b>Process ID: 02</b>		<b>Process Description: SCREENING</b>		
<b>SCC:</b>	30502003	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Tertiary Crushing/Screening	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	0 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	0.015	0	0
PM25-FIL	State/Local Emission Factor	0.00441	0	0
<b>Process ID: 03</b>		<b>Process Description: TRANSFER POINT #1</b>		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	0 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	5E-05	0	0
PM25-FIL	State/Local Emission Factor	1E-05	0	0

# Facility Emission Detail

## Mulzer Crushed Stone Inc a CRH Company(Cape

Plant ID:1802500002

Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

<b>Process ID: 04</b>		<b>Process Description: TRANSFER POINT #2</b>		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	0 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	5E-05	0	0
PM25-FIL	State/Local Emission Factor	1E-05	0	0
<b>Process ID: 05</b>		<b>Process Description: TRANSFER POINT #3</b>		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	0 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	5E-05	0	0
PM25-FIL	State/Local Emission Factor	1E-05	0	0

# Facility Emission Detail

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Report for 2023

Location: 19925 S Alton Fredonia Rd,Leavenworth,471379739

NAICS: 54184 Media Representatives

<b>Process ID:</b> 06		<b>Process Description:</b> TRANSFER POINT #4		
<b>SCC:</b>	30502006	<b>Stack:</b>	1	
	Mineral Products	<b>Description:</b>	POINT SOURCES	
	Stone Quarrying - Processing (See also 305320)	<b>Stack Type:</b>	Fugitive	
	Miscellaneous Operations: Screen/Convey/Handling	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	70	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	0 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Raw Material	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
PM10-FIL	State/Local Emission Factor	5E-05	0	0
PM25-FIL	State/Local Emission Factor	1E-05	0	0