

**MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY  
AIR QUALITY DIVISION**

April 21, 2023

**PERMIT TO INSTALL**  
133-98K

**ISSUED TO**  
Stoneco of Michigan, Maybee Quarry

**LOCATED AT**  
6837 Scofield Road  
Maybee, Michigan 48160

**IN THE COUNTY OF**  
Monroe

**STATE REGISTRATION NUMBER**  
B4923

The Air Quality Division has approved this Permit to Install, pursuant to the delegation of authority from the Michigan Department of Environment, Great Lakes, and Energy. This permit is hereby issued in accordance with and subject to Section 5505(1) of Article II, Chapter I, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Pursuant to Air Pollution Control Rule 336.1201(1), this permit constitutes the permittee's authority to install the identified emission unit(s) in accordance with all administrative rules of the Department and the attached conditions. Operation of the emission unit(s) identified in this Permit to Install is allowed pursuant to Rule 336.1201(6).

DATE OF RECEIPT OF ALL INFORMATION REQUIRED BY RULE 203: <b>March 20, 2023</b>	
DATE PERMIT TO INSTALL APPROVED: <b>April 21, 2023</b>	SIGNATURE:
DATE PERMIT VOIDED:	SIGNATURE:
DATE PERMIT REVOKED:	SIGNATURE:

**PERMIT TO INSTALL**

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## COMMON ACRONYMS

AQD	Air Quality Division
BACT	Best Available Control Technology
CAA	Clean Air Act
CAM	Compliance Assurance Monitoring
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
COMS	Continuous Opacity Monitoring System
Department/department/EGLE	Michigan Department of Environment, Great Lakes, and Energy
EU	Emission Unit
FG	Flexible Group
GACS	Gallons of Applied Coating Solids
GC	General Condition
GHGs	Greenhouse Gases
HVLP	High Volume Low Pressure*
ID	Identification
IRSL	Initial Risk Screening Level
ITSL	Initial Threshold Screening Level
LAER	Lowest Achievable Emission Rate
MACT	Maximum Achievable Control Technology
MAERS	Michigan Air Emissions Reporting System
MAP	Malfunction Abatement Plan
MSDS	Material Safety Data Sheet
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emission Standard for Hazardous Air Pollutants
NSPS	New Source Performance Standards
NSR	New Source Review
PS	Performance Specification
PSD	Prevention of Significant Deterioration
PTE	Permanent Total Enclosure
PTI	Permit to Install
RACT	Reasonable Available Control Technology
ROP	Renewable Operating Permit
SC	Special Condition
SCR	Selective Catalytic Reduction
SNCR	Selective Non-Catalytic Reduction
SRN	State Registration Number
TBD	To Be Determined
TEQ	Toxicity Equivalence Quotient
USEPA/EPA	United States Environmental Protection Agency
VE	Visible Emissions

\*For HVLP applicators, the pressure measured at the gun air cap shall not exceed 10 psig.

### POLLUTANT / MEASUREMENT ABBREVIATIONS

acfm	Actual cubic feet per minute
BTU	British Thermal Unit
°C	Degrees Celsius
CO	Carbon Monoxide
CO <sub>2</sub> e	Carbon Dioxide Equivalent
dscf	Dry standard cubic foot
dscm	Dry standard cubic meter
°F	Degrees Fahrenheit
gr	Grains
HAP	Hazardous Air Pollutant
Hg	Mercury
hr	Hour
HP	Horsepower
H <sub>2</sub> S	Hydrogen Sulfide
kW	Kilowatt
lb	Pound
m	Meter
mg	Milligram
mm	Millimeter
MM	Million
MW	Megawatts
NMOC	Non-Methane Organic Compounds
NO <sub>x</sub>	Oxides of Nitrogen
ng	Nanogram
PM	Particulate Matter
PM10	Particulate Matter equal to or less than 10 microns in diameter
PM2.5	Particulate Matter equal to or less than 2.5 microns in diameter
pph	Pounds per hour
ppm	Parts per million
ppmv	Parts per million by volume
ppmw	Parts per million by weight
psia	Pounds per square inch absolute
psig	Pounds per square inch gauge
scf	Standard cubic feet
sec	Seconds
SO <sub>2</sub>	Sulfur Dioxide
TAC	Toxic Air Contaminant
Temp	Temperature
THC	Total Hydrocarbons
tpy	Tons per year
µg	Microgram
µm	Micrometer or Micron
VOC	Volatile Organic Compounds
yr	Year

## GENERAL CONDITIONS

1. The process or process equipment covered by this permit shall not be reconstructed, relocated, or modified, unless a Permit to Install authorizing such action is issued by the Department, except to the extent such action is exempt from the Permit to Install requirements by any applicable rule. **(R 336.1201(1))**
2. If the installation, construction, reconstruction, relocation, or modification of the equipment for which this permit has been approved has not commenced within 18 months, or has been interrupted for 18 months, this permit shall become void unless otherwise authorized by the Department. Furthermore, the permittee or the designated authorized agent shall notify the Department via the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environment, Great Lakes, and Energy, P.O. Box 30260, Lansing, Michigan 48909-7760, if it is decided not to pursue the installation, construction, reconstruction, relocation, or modification of the equipment allowed by this Permit to Install. **(R 336.1201(4))**
3. If this Permit to Install is issued for a process or process equipment located at a stationary source that is not subject to the Renewable Operating Permit program requirements pursuant to Rule 210 (R 336.1210), operation of the process or process equipment is allowed by this permit if the equipment performs in accordance with the terms and conditions of this Permit to Install. **(R 336.1201(6)(b))**
4. The Department may, after notice and opportunity for a hearing, revoke this Permit to Install if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of this permit or is violating the Department's rules or the Clean Air Act. **(R 336.1201(8), Section 5510 of Act 451, PA 1994)**
5. The terms and conditions of this Permit to Install shall apply to any person or legal entity that now or hereafter owns or operates the process or process equipment at the location authorized by this Permit to Install. If the new owner or operator submits a written request to the Department pursuant to Rule 219 and the Department approves the request, this permit will be amended to reflect the change of ownership or operational control. The request must include all of the information required by subrules (1)(a), (b), and (c) of Rule 219 and shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environment, Great Lakes, and Energy. **(R 336.1219)**
6. Operation of this equipment shall not result in the emission of an air contaminant which causes injurious effects to human health or safety, animal life, plant life of significant economic value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property. **(R 336.1901)**
7. The permittee shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant which continue for more than one hour in excess of any applicable standard or limitation, or emissions of any air contaminant continuing for more than two hours in excess of an applicable standard or limitation, as required in Rule 912, to the Department. The notice shall be provided not later than two business days after start-up, shutdown, or discovery of the abnormal condition or malfunction. Written reports, if required, must be filed with the Department within 10 days after the start-up or shutdown occurred, within 10 days after the abnormal condition or malfunction has been corrected, or within 30 days of discovery of the abnormal condition or malfunction, whichever is first. The written reports shall include all of the information required in Rule 912(5). **(R 336.1912)**
8. Approval of this permit does not exempt the permittee from complying with any future applicable requirements which may be promulgated under Part 55 of 1994 PA 451, as amended or the Federal Clean Air Act.
9. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.
10. Operation of this equipment may be subject to other requirements of Part 55 of 1994 PA 451, as amended and the rules promulgated thereunder.

11. Except as provided in subrules (2) and (3) or unless the special conditions of the Permit to Install include an alternate opacity limit established pursuant to subrule (4) of Rule 301, the permittee shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of density greater than the most stringent of the following. The grading of visible emissions shall be determined in accordance with Rule 303 (R 336.1303). **(R 336.1301)**
  - a) A six-minute average of 20 percent opacity, except for one six-minute average per hour of not more than 27 percent opacity.
  - b) A visible emission limit specified by an applicable federal new source performance standard.
  - c) A visible emission limit specified as a condition of this Permit to Install.
12. Collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in Rule 370(2). **(R 336.1370)**
13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with Rule 1001 and Rule 1003, under any of the conditions listed in Rule 1001. **(R 336.2001)**

## EMISSION UNIT SPECIAL CONDITIONS

### EMISSION UNIT SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Emission Unit ID	Emission Unit Description (Including Process Equipment & Control Device(s))	Installation Date / Modification Date	Flexible Group ID
EUPROCESS	A combination of process equipment (screens, crushers, feeders, conveyors, etc.) used to reduce larger materials down to smaller sizes, classify and sort materials into various product types, material handling and transporting of material to storage areas. Control methods include equipment enclosures or enclosed within a building, water sprays, drop chutes and/or pant legs for transfer points.	June 3, 1998 / TBD	NA
EUTRUCKTRAFFIC	Truck traffic for delivery of material products to customers; truck traffic from quarry pit to processing area and loader traffic associated with processing equipment, storage pile handling and loading delivery trucks. All commercial truck areas and unpaved road portions from the quarry pit to the process area.	June 3, 1998 / March 13, 2009	NA
EUSTORAGE	Open area stock piles of various material sizes and product types. Water spray of material products are used when necessary for material storage piles.	June 3, 1998 / March 13, 2009	NA

Changes to the equipment described in this table are subject to the requirements of R 336.1201, except as allowed by R 336.1278 to R 336.1291.

## **EUPROCESS EMISSION UNIT CONDITIONS**

### **DESCRIPTION**

A combination of process equipment (screens, crushers, feeders, conveyors, etc.) used to reduce larger materials down to smaller sizes, classify and sort materials into various product types, material handling and transporting of material to storage areas. Control methods include equipment enclosures or enclosed within a building, water sprays, drop chutes and/or pant legs for transfer points.

**Flexible Group ID:** NA

### **POLLUTION CONTROL EQUIPMENT**

Control methods include equipment enclosures or equipment enclosed within a building, water sprays, drop chutes and/or pant legs for transfer points.

#### **I. EMISSION LIMIT(S)**

1. Visible emissions from the drop point and transfer point portions of EUPROCESS shall not exceed 10 percent opacity. **(R 336.1301, 40 CFR 52.21 (c) & (d), 40 CFR 60.670)**

#### **II. MATERIAL LIMIT(S)**

1. The permittee shall not process any asbestos tailing or asbestos containing waste materials in EUPROCESS pursuant to the National Emission Standards for Hazardous Air Pollutants, 40 CFR Part 61 Subpart M. **(40 CFR Part 61 Subpart M)**
2. The permittee shall not process more than 20,000 tons of material per day nor 5,000,000 tons of material through EUPROCESS per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1901, 40 CFR 52.21 (c) & (d))**

#### **III. PROCESS/OPERATIONAL RESTRICTION(S)**

1. The permittee shall not operate any portion of EUPROCESS unless each portion of EUPROCESS meets the specific opacity limit listed in Appendix A of this permit. **(R 336.1301, 40 CFR 52.21 (c) & (d), 40 CFR 60.670)**
2. The permittee shall not operate EUPROCESS unless the fugitive dust control plan for all plant roadways, the plant yard, all material storage piles, and all material handling operations specified in Appendix B has been implemented and is maintained. **(R 336.1371, R 336.1901)**
3. The permittee shall comply with all provisions of the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Part 60 Subparts A and OOO, as they apply to EUPROCESS. **(40 CFR Part 60 Subparts A & OOO)**

#### **IV. DESIGN/EQUIPMENT PARAMETER(S)**

1. The permittee shall not operate any portion of EUPROCESS unless the equipment's specified control device is installed, maintained and operated in a satisfactory manner as listed in Appendix A. **(R 336.1901, R 336.1910, 40 CFR 52.21 (c) & (d))**
2. The permittee shall install and maintain a system which continuously shows the daily throughput rate of the primary crusher output. **(R 336.1901, 40 CFR 52.21 (c) & (d))**



#### **V. TESTING/SAMPLING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. Within 60 days after achieving the maximum production rate but no later than 180 days after initial startup, each new or additional equipment associated with EUPROCESS that is subject to the federal NSPS Subpart OOO, shall comply with the testing requirements of the federal Standards of Performance for New Stationary Sources 40 CFR Part 60 Subparts A and OOO. The permittee must have prior approval from the AQD for visible emission observation procedures. No less than ten (10) days prior to the anticipated test date, the permittee shall notify the AQD District Supervisor of the test date. If after the anticipated test date has been submitted, there is a delay in conducting the test, the permittee shall submit to the AQD District Supervisor notice of the new test date. This notification shall take place a minimum of three (3) days prior to the rescheduled test taking place. Verification of visible emissions includes the submittal of a complete report of opacity observations to the AQD within 30 days following the last date of the evaluation. **(R 336.1301, R 336. 2001, 40 CFR Part 60 Subparts A & OOO)**

#### **VI. MONITORING/RECORDKEEPING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall complete all required calculations in a format acceptable to the AQD District Supervisor by the 15th day of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. **(40 CFR 52.21 (c) & (d))**
2. The permittee shall keep daily and monthly records of the amount of material processed through EUPROCESS. Further the permittee shall calculate on a monthly basis, the yearly throughput rate based upon the most recent 12-month rolling time period. The permittee shall keep records of the amount of material processed on file and make them available to the Department upon request. **(40 CFR 52.21 (c) & (d))**

#### **VII. REPORTING**

1. Within 30 days after completion of the installation, construction, reconstruction, relocation, or modification authorized by this Permit to Install, the permittee or the authorized agent pursuant to Rule 204, shall notify the AQD District Supervisor, in writing, of the completion of the activity. Completion of the installation, construction, reconstruction, relocation, or modification is considered to occur not later than commencement of trial operation of the wash screen portion of EUPROCESS. **(R 336.1201(7)(a))**

#### **VIII. STACK/VENT RESTRICTION(S)**

NA

#### **IX. OTHER REQUIREMENT(S)**

1. Within 45 days of issuance of this permit, the permittee shall label all equipment using the company ID Numbers in Appendix A, according to a method acceptable to the AQD District Supervisor. Labels shall be in a conspicuous location on the equipment. Within seven days of completing the labeling, the permittee shall notify the AQD District Supervisor, in writing, as to the date the labeling was completed. **(R 336.1201)**

#### **Footnotes:**

<sup>1</sup> This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

## **EUTRUCKTRAFFIC EMISSION UNIT CONDITIONS**

### **DESCRIPTION**

Truck traffic for delivery of material products to customers; truck traffic from quarry pit to processing area and loader traffic associated with processing equipment, storage pile handling and loading delivery trucks. All commercial truck areas and unpaved road portions from the quarry pit to the process area.

**Flexible Group ID:** NA

### **POLLUTION CONTROL EQUIPMENT**

NA

#### **I. EMISSION LIMIT(S)**

1. Visible emissions from all wheel loaders and all truck traffic, operated in conjunction with EUTRUCKTRAFFIC, shall not exceed 5 percent opacity. **(R 336.1301, 40 CFR 52.21(c) & (d))**

#### **II. MATERIAL LIMIT(S)**

NA

#### **III. PROCESS/OPERATIONAL RESTRICTION(S)**

1. The permittee shall not operate EUTRUCKTRAFFIC unless the fugitive dust control plant for all plant roadways, the plant yard, all material storage piles, and all material handling operations specified in Appendix B has been implemented and is maintained. **(R 336.1371, R 336.1372, Act 451 324.5524)**

#### **IV. DESIGN/EQUIPMENT PARAMETER(S)**

1. The permittee shall install, maintain and operate properly a wheel wash system. **(R 336.1901, 40 CFR 52.21 (c) & (d))**

#### **V. TESTING/SAMPLING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

NA

#### **VI. MONITORING/RECORDKEEPING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall keep, in a satisfactory manner, monthly and 12-month rolling time period records of the amount of equivalent 50-ton transport trucks entering and leaving the facility. The permittee shall keep the records in a format acceptable to the AQD District Supervisor. All records shall be kept on file and made available to the Department upon request. **(R 336.1901, 40 CFR 52.21 (c) & (d))**

#### **VII. REPORTING**

NA

#### **VIII. STACK/VENT RESTRICTION(S)**

NA

**IX. OTHER REQUIREMENT(S)**

N/A

**Footnotes:**

<sup>1</sup> This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

<b>EUSTORAGEPILES EMISSION UNIT CONDITIONS</b>
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**DESCRIPTION**

Open area stockpiles of various material sizes and product types. Water spray of material products are used when necessary for material storage piles.

**Flexible Group ID:** N/A

**POLLUTION CONTROL EQUIPMENT**

Water spray of material products are used when necessary for material storage piles.

**I. EMISSION LIMIT(S)**

1. Visible emissions from each of the material storage piles maintained under EUSTORAGEPILES shall not exceed 5 percent opacity. **(R 336.1301, 40 CFR 52.21(c) & (d))**

**II. MATERIAL LIMIT(S)**

NA

**III. PROCESS/OPERATIONAL RESTRICTION(S)**

1. The permittee shall not store more than 900,000 tons of aggregate products in EUSTORAGEPILES. **(R 336.1371, Act 451 324.5521, 40 CFR 52.21(c) & (d))**
2. The permittee shall not operate EUSTORAGEPILES unless the fugitive dust control plant for all plant roadways, the plant yard, all material storage piles, and all material handling operations specified in Appendix B has been implemented and is maintained. **(R 336.1371, R 336.1372, Act 451 324.5521)**
3. The permittee shall not locate any portion of EUSTORAGEPILES within 100 feet of any property line. **(R 336.1901, 40 CFR 52.21 (c) & (d))**

**IV. DESIGN/EQUIPMENT PARAMETER(S)**

NA

**V. TESTING/SAMPLING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

NA

**VI. MONITORING/RECORDKEEPING**

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

NA

**VII. REPORTING**

NA

**VIII. STACK/VENT RESTRICTION(S)**

NA

**IX. OTHER REQUIREMENT(S)**

NA

**Footnotes:**

<sup>1</sup> This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

**APPENDIX A**

<b>Equipment Description</b>	<b>ID Number</b>	<b>Opacity Limit (Percent)</b>	<b>Control Device</b>
Telesmith Jaw Crusher	41.0012	15%	Water Spray / Enclosed
Telesmith Feeder/ Hopper	45.0034NEW	10%	Water Spray
Telesmith Conveyor	47.0058	10%	Water Spray
Barber Greene Conveyor	47.0059	10%	Enclosure
Barber Greene Stacker	47.0117	10%	Water Spray
Syntron Vibrator Tunnel No. 1	45.0009	10%	Enclosure
Syntron Vibrator Tunnel No. 2	45.0010	10%	Enclosure
Syntron Vibrator Tunnel No. 3	45.0011	10%	Enclosure
Barber Greene Conveyor	47.0059	10%	Enclosure
4 x 14 Scalping Screen	43.0021NEW	10%	Enclosure
30 x 115 Conveyor	47.0039	10%	Pant Leg
6 x 18 Pep Screen	43.0089	10%	Moisture Content
36 x 80 Hoover Transfer	47.0056	10%	Pant Leg
36 x 150 McCloskey Stacker	47.0030	10%	Pant Leg
30 x 115 Pep to Main Conveyor	47.0040	10%	Pant Leg
Home Made Stacker	47.0118	10%	Pant Leg
Telesmith 6 x 16 KPI-JCI	47.0021	10%	Enclosed
Nordberg Conveyor	47.0078	10%	Pant Leg
Con Weld Triple Deck #1 Screen 5 x 14	43.0475	10%	Water Spray
Telesmith Cone Crusher	41.0079	10%	Skirting / Pant Leg
Nordberg Conveyor 24 x 122	47.0090	10%	Water Spray & Pant Leg
Telescoping Stacker #21A	47.0128	10%	Water Spray
MMS Radial Stacker 36" x 150'	47.0705	10%	Water Spray
Nordberg Conveyor #4 Stone Supply	47.0088	10%	Pant Leg
Nordberg Stacker #2, #4 36 x 125	47.0129NEW	10%	Moisture Content
Nordberg Conveyor #2 SCR Supply	47.0079	10%	Pant Leg
Nordberg Screen, Double Deck #2	43.0005	10%	Water Sprays on Exit Transfer Point & Covered Feed
Symons 5-1/2' Shorthead Cone Crusher	41.0014	15%	Water Spray
Nordberg Conveyor, 24 x 91	41.0089	10%	Pant Leg / Water Spray
Homemade Conveyor, High Rise	47.0367	10%	Moisture Content
Nordberg 30 x 139'9" Conveyor, SCR Supply	47.0080	10%	Covered Transfer

<b>Equipment Description</b>	<b>ID Number</b>	<b>Opacity Limit (Percent)</b>	<b>Control Device</b>
Con Weld, 6 x 20 Triple Deck Screen	43.0068	10%	Covered Transfer
Nordberg Conveyor, 24 x 107'6"	47.0081	10%	Moisture Content
Telesmith Single Deck #5 Screen	43.0151	10%	Water Spray
Nordberg Conveyor	47.0083	10%	Covered Transfer
Nordberg 6A Supply 24 x 98'9" Conveyor	47.0126NEW	10%	Hooded & Pant Leg
Nordberg Conveyor, 24 x 187, #4 SCR Supply	47.0082	10%	Covered Transfer
Deister Double Deck 8 x 20 Screen	43.0020	10%	Covered Transfer
Nordberg Conveyor, 24 x 196 25A Supply from #4	47.0084	10%	Pant Leg
Nordberg Conveyor, 24 x 114 25A Supply	47.0085	10%	Water Spray
Superior 30" Stacker	47.0131	10%	Hooded & Pant Leg Water in Line
Nordberg 24 x 103 #9 Supply Conveyor	47.0086	10%	Covered Transfer / Water Spray
Nordberg 24 x 157 Conveyor, AGLIME Supply	47.0087	10%	Pant Leg / Water Spray
Nordberg 24" Stacker	47.0399	10%	Paddle and Chute
Greystone Sand Screw Single	42.0004	5%	Water Spray
30" McCloskey Stacker	47.0013	10%	Water Spray, Hooded & Pant Leg
McCloskey Stacker, 24x150	47.0130	10%	To Be Determined
Grasan Conveyor Belt, 30x32	47.0063	10%	To Be Determined
Midwestern Triple Deck Screen #6, 6x12	43.0012	10%	To Be Determined
Portable Bin & Stacker *	BINSTACKER	10%	To Be Determined

\* Piece of equipment identified as "portable" in that, while operating at a fixed address/facility, it is relocated to different locations within the facility.

## **APPENDIX B**

### **Fugitive Dust Control Plan**

#### **I. Site Roadways / Plant Yard**

- A. The dust on the site roadways/plant yard will be controlled by monthly applications of calcium chloride or other acceptable and approved fugitive dust control compounds. In addition, during the months of May through October, all plant roads, Doty Road, Scofield Road, and the plant yard shall be watered several times per day using a water truck. The watering is not required on days the facility is not operated; on days that it rains; or on days when freezing temperatures create a safety hazard.
- B. All roadways / plant yard shall be swept as needed between applications.
- C. A record of all applications, waterings, and sweepings shall be kept on file and made available upon request to the Air Quality Division (AQD). Also kept shall be a record of facility operation days, days that it rains, and days where the temperature is below 32 degrees Fahrenheit.
- D. Speed of vehicles will be posted and limited to ten mph.
- E. Any material spillage on roads shall be removed immediately.

#### **II. Plant**

- A. A spray system will be utilized at strategic locations to reduce and control fugitive emissions as needed in those locations not included in special permit conditions.
- B. All transfer points will have minimal drop distances. The transfer point from the re-circulating belt to the feed belt consists of an enclosed chute.

#### **III. Storage Piles**

- A. Stockpiling of all aggregate will be performed with wheeled loaders and mechanical stackers to minimize drop distance and control potential dust problems.
- B. Stockpiles will be watered on an as needed basis in order to meet the opacity limits included within the permit. A record of all watering shall be kept on file and be made available upon request to the AQD.
- C. Moisture content will be maintained at a minimum of four percent to control fugitive dust.

#### **IV. Truck Traffic**

- A. On-site, vehicles shall be loaded to prevent their contents from dropping, leaking, blowing or otherwise escaping. This shall be accomplished by loading so that no part of the load shall come in contact within six inches of the top of any side board, side panel or tail gate, otherwise, the truck shall be trapped.
- B. Off-site, all trucks leaving must be trapped.

#### **V. AQD/EGLE Inspection**

The provisions and procedures of this plan are subject to adjustment by written notification from the AQD if, following an inspection, the AQD finds the fugitive dust requirements and/or permitted emission limits are not being met.