

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION**

May 22, 2018

**PERMIT TO INSTALL  
41-18**

**ISSUED TO**  
ProLime Ag Services, LLC

**LOCATED AT**  
9542 Beard Road  
Laingsburg, Michigan

**IN THE COUNTY OF**  
Shiawassee

**STATE REGISTRATION NUMBER**  
P0898

The Air Quality Division has approved this Permit to Install, pursuant to the delegation of authority from the Michigan Department of Environmental Quality. 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:

**March 28, 2018**

DATE PERMIT TO INSTALL APPROVED:

**May 22, 2018**

SIGNATURE:

DATE PERMIT VOIDED:

SIGNATURE:

DATE PERMIT REVOKED:

SIGNATURE:

## PERMIT TO INSTALL

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**Common Abbreviations / Acronyms**

<b>Common Acronyms</b>		<b>Pollutant / Measurement Abbreviations</b>	
AQD	Air Quality Division	acfm	Actual cubic feet per minute
BACT	Best Available Control Technology	BTU	British Thermal Unit
CAA	Clean Air Act	°C	Degrees Celsius
CAM	Compliance Assurance Monitoring	CO	Carbon Monoxide
CEM	Continuous Emission Monitoring	CO <sub>2e</sub>	Carbon Dioxide Equivalent
CFR	Code of Federal Regulations	dscf	Dry standard cubic foot
COM	Continuous Opacity Monitoring	dscm	Dry standard cubic meter
Department/ department	Michigan Department of Environmental Quality	°F	Degrees Fahrenheit
EU	Emission Unit	gr	Grains
FG	Flexible Group	HAP	Hazardous Air Pollutant
GACS	Gallons of Applied Coating Solids	Hg	Mercury
GC	General Condition	hr	Hour
GHGs	Greenhouse Gases	HP	Horsepower
HVLP	High Volume Low Pressure*	H <sub>2</sub> S	Hydrogen Sulfide
ID	Identification	kW	Kilowatt
IRSL	Initial Risk Screening Level	lb	Pound
ITSL	Initial Threshold Screening Level	m	Meter
LAER	Lowest Achievable Emission Rate	mg	Milligram
MACT	Maximum Achievable Control Technology	mm	Millimeter
MAERS	Michigan Air Emissions Reporting System	MM	Million
MAP	Malfunction Abatement Plan	MW	Megawatts
MDEQ	Michigan Department of Environmental Quality	NMOC	Non-methane Organic Compounds
MSDS	Material Safety Data Sheet	NO <sub>x</sub>	Oxides of Nitrogen
NA	Not Applicable	ng	Nanogram
NAAQS	National Ambient Air Quality Standards	PM	Particulate Matter
NESHAP	National Emission Standard for Hazardous Air Pollutants	PM <sub>10</sub>	Particulate Matter equal to or less than 10 microns in diameter
NSPS	New Source Performance Standards	PM <sub>2.5</sub>	Particulate Matter equal to or less than 2.5 microns in diameter
NSR	New Source Review	pph	Pounds per hour
PS	Performance Specification	ppm	Parts per million
PSD	Prevention of Significant Deterioration	ppmv	Parts per million by volume
PTE	Permanent Total Enclosure	ppmw	Parts per million by weight
PTI	Permit to Install	psia	Pounds per square inch absolute
RACT	Reasonable Available Control Technology	psig	Pounds per square inch gauge
ROP	Renewable Operating Permit	scf	Standard cubic feet
SC	Special Condition	sec	Seconds
SCR	Selective Catalytic Reduction	SO <sub>2</sub>	Sulfur Dioxide
SNCR	Selective Non-Catalytic Reduction	TAC	Toxic Air Contaminant
SRN	State Registration Number	Temp	Temperature
TEQ	Toxicity Equivalence Quotient	THC	Total Hydrocarbons
USEPA/EPA	United States Environmental Protection Agency	tpy	Tons per year
VE	Visible Emissions	µg	Microgram
		µm	Micrometer or Micron
		VOC	Volatile Organic Compounds
		yr	Year

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

### 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 Environmental Quality, 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 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 R 336.1219 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 R 336.1219 and shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environmental Quality. **(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 conditions 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 R 336.1301, 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 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 R 336.1370(2). **(R 336.1370)**
  
13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with R 336.2001 and R 336.2003, under any of the conditions listed in R 336.2001. **(R 336.2001)**

**SPECIAL CONDITIONS**

**EMISSION UNIT SUMMARY TABLE**

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

<b>Emission Unit ID</b>	<b>Emission Unit Description (Process Equipment &amp; Control Devices)</b>	<b>Flexible Group ID</b>
EUPELLETIZING	Pelletizing line consisting of raw material handling, a lime silo controlled by a bin vent filter, a gypsum silo controlled by a bin vent filter, pelletizing raw material using lignin sulfonate, product sizing, and product handling.	FGPELLETIZE
EURAWDRY	18 MMBtu/hr natural gas fired raw material dryer equipped with a baghouse dust collector.	FGPELLETIZE
EUPRODDRY	16 MMBtu/hr natural gas fired pelletized product dryer equipped with a baghouse dust collector.	FGPELLETIZE
EUSTORAGETANK1	Storage tank for ammonium, magnesium, or sodium lignin sulfonate; lignin sulfonate is received by tanker truck into this tank.	FGPELLETIZE
EUMIXTANK1	Lignin sulfonate mixing tank #1; lignin sulfonate and water are mixed to produce the desired coating material.	FGPELLETIZE
EUMIXTANK2	Lignin sulfonate mixing tank #2; lignin sulfonate and water are mixed to produce the desired coating material.	FGPELLETIZE
EULOADOUT	Loading trucks with finished product.	FGFUGITIVE
EUROADS	Unpaved roads and parking areas.	FGFUGITIVE
EUSTORAGEPILES	Outdoor material storage piles.	FGFUGITIVE
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 336.1290.		

**FLEXIBLE GROUP SUMMARY TABLE**

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

<b>Flexible Group ID</b>	<b>Flexible Group Description</b>	<b>Associated Emission Unit IDs</b>
FGPELLETIZE	Pelletizing operation for producing soil amendment products. Emissions are controlled by bin vent filters, dust collectors, and enclosed transfer points.	EUPELLETIZING, EURAWDRY, EUPRODDRY, EUSTORAGETANK1, EUMIXTANK1, EUMIXTANK2
FGFUGITIVES	Fugitive emission sources including outdoor material storage piles, product loadout, roads and parking areas. Emissions are controlled by use of dust suppressant and vehicle speed limits.	EULOADOUT, EUROADS, EUSTORAGPILES

**The following conditions apply to: FGPELLETIZE**

**DESCRIPTION:** Pelletizing operation for producing soil amendment products.

**Emission Units:** EUPELLETIZING, EURAWDRY, EUPRODDRY, EUSTORAGETANK1, EUMIXTANK1, EUMIXTANK2

**POLLUTION CONTROL EQUIPMENT:** Emissions are controlled by bin vent filters, dust collectors, and enclosed transfer points.

**I. EMISSION LIMITS**

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. PM	0.01 gr/dscf	Hourly	EURAWDRY	SC V.2, VI.2, VI.3	R 336.1331(1)(c)
2. PM10	2.13 pph	Hourly	EURAWDRY	SC V.2, VI.2	R 336.1225, 40 CFR 52.21(c) & (d)
3. PM2.5	2.13 pph	Hourly	EURAWDRY	SC V.2, VI.2	40 CFR 52.21(c) & (d)
4. PM	0.01 gr/dscf	Hourly	EUPRODDRY	SC V.2, VI.2, VI.3	R 336.1331(1)(c)
5. PM10	2.06 pph	Hourly	EUPRODDRY	SC V.2, VI.2	R 336.1225, 40 CFR 52.21(c) & (d)
6. PM2.5	2.06 pph	Hourly	EUPRODDRY	SC V.2, VI.2	40 CFR 52.21(c) & (d)
7. VOC	13.7 pph	Hourly	EUPRODDRY	SC V.1	R 336.1702(a)
8. Visible Emissions	5% opacity	6-minute average	each exhaust stack in FGPELLETIZE	SC VI.3	R 336.1301(1)(c)

**II. MATERIAL LIMITS**

Material	Limit	Time Period / Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. Lime/Gypsum throughput	105,000 tpy	12-month rolling time period as determined at the end of each calendar month	EURAWDRY	SC VI.5	R 336.1205, R 336.1225, 40 CFR 52.21 (c) & (d)
2. Pelletized Product throughput	105,000tpy	12-month rolling time period as determined at the end of each calendar month	EUPRODDRY	SC VI.6	R 336.1205, R 336.1225, 40 CFR 52.21 (c) & (d)
3. Lignin Sulfonate	3,150,000 pounds per year	12-month rolling time period as determined at the end of each calendar month	FGPELLETIZE	SC VI.7	R 336.1205, R 336.1702(a)

4. The permittee shall only burn natural gas in EURAWDRAY and EUPRODDRY. (R 336.1205, R 336.1224, R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d))

### **III. PROCESS/OPERATIONAL RESTRICTIONS**

1. The permittee shall not operate FGPELLETIZE unless a malfunction abatement plan (MAP) as described in Rule 911(2), has been submitted within 60 days of permit issuance, and is implemented and maintained. The MAP shall, at a minimum, specify the following:
  - a) A complete preventative maintenance program including identification of the supervisory personnel responsible for overseeing the inspection, maintenance, and repair of air-cleaning devices, a description of the items or conditions that shall be inspected, the frequency of the inspections or repairs, and an identification of the major replacement parts that shall be maintained in inventory for quick replacement.
  - b) An identification of the source and air-cleaning device operating variables that shall be monitored to detect a malfunction or failure, the normal operating range of these variables, and a description of the method of monitoring or surveillance procedures.
  - c) A description of the corrective procedures or operational changes that shall be taken in the event of a malfunction or failure to achieve compliance with the applicable emission limits.

If at any time the MAP fails to address or inadequately addresses an event that meets the characteristics of a malfunction, the permittee shall amend the MAP within 45 days after such an event occurs. The permittee shall also amend the MAP within 45 days, if new equipment is installed or upon request from the District Supervisor. The permittee shall submit the MAP and any amendments to the MAP to the AQD District Supervisor for review and approval. If the AQD does not notify the permittee within 90 days of submittal, the MAP or amended MAP shall be considered approved. Until an amended plan is approved, the permittee shall implement corrective procedures or operational changes to achieve compliance with all applicable emission limits. **(R 336.1224, R 336.1225, R 336.1301, R 336.1331, R 336.1910, R 336.1911, 40 CFR 52.21(c) and (d))**

2. The permittee shall not operate FGPELLETIZE for more than 4,000 hours per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d))**
3. The permittee shall store all raw materials, except for wet lime, inside an enclosed building. **(R 336.1224, R 336.1225, R 336.1301, R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**
4. The permittee shall enclose the following transfer points: **(R 336.1224, R 336.1225, R 336.1301, R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**
  - a) Point 2 – Feed conveyor to live bottom hopper
  - b) Point 3 – Live bottom hopper to raw product dryer
  - c) Point 4 – Silo to feed auger
  - d) Point 5 – Feed auger to mixer
  - e) Point 6 – Mixing auger to elevator
  - f) Point 10 – Elevator to screen
  - g) Point 12a – Screen to chain mill (oversize)
  - h) Point 14 – Elevator to conveyor
5. The permittee shall apply dust suppressant to materials processed in FGPELLETIZE as necessary to meet the opacity limit and to minimize particulate emissions from material handling operations. **(R 336.1301)**

### **IV. DESIGN/EQUIPMENT PARAMETERS**

1. The permittee shall not operate EURAWDRY unless the fabric filter dust collector is installed, maintained, and operated in a satisfactory manner. **(R 336.1224, R 336.1225, R 336.1301, R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**
2. The permittee shall not operate EUPRODDRY unless the fabric filter dust collector is installed, maintained, and operated in a satisfactory manner. **(R 336.1224, R 336.1225, R 336.1301, R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**

3. The permittee shall install, calibrate, maintain and operate in a satisfactory manner a continuous pressure drop monitoring device on each dust collector in FGPELLETIZE. **(R 336.1224, R 336.1225, R 336.1301, R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**
4. The permittee shall not operate the lime silo or the gypsum silo unless the respective bin vent filter is installed, maintained, and operated in a satisfactory manner. **(R 336.1224, R 336.1225, R 336.1301, R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**
5. The maximum design heat input capacity for EURAWDRY shall not exceed a maximum of 18 MMBTU per hour on a fuel heat input basis. **(R 336.1205, R 336.1224, R 336.1225, R 336.1702(a))**
6. The maximum design heat input capacity for EUPRODDRY shall not exceed a maximum of 16 MMBTU per hour on a fuel heat input basis. **(R 336.1205, R 336.1224, R 336.1225, R 336.1702(a))**

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

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

1. Within 180 days after commencement of trial operation, the permittee shall verify VOC emission rates from FGPELLETIZE by testing at the owner's expense, in accordance with Department requirements. Testing shall be performed using an approved EPA Method listed in 40 CFR Part 60, Appendix A. An alternate method, or a modification to the approved EPA Method, may be specified in an AQD approved Test Protocol. No less than 60 days prior to testing, the permittee shall submit a complete test plan to the AQD Technical Programs Unit and District Office. The AQD must approve the final plan prior to testing, including any modifications to the method in the test protocol that are proposed after initial submittal. The permittee must submit a complete report of the test results to the AQD Technical Programs Unit and District Office within 60 days following the last date of the test. **(R 336.1225, R 336.1702(a), R 336.2001, R 336.2003, R 336.2004)**
2. Upon request of the AQD District Supervisor, the permittee shall verify PM, PM10, and/or PM2.5 emission rates from EURAWDRY and/or EUPRODDRY by testing at the owner's expense, in accordance with Department requirements. Testing shall be performed using an approved EPA Method listed in 40 CFR Part 60, Appendix A; Part 10 of the Michigan Air Pollution Control Rules and 40 CFR Part 51, Appendix M. An alternate method, or a modification to the approved EPA Method, may be specified in an AQD approved Test Protocol. No less than 30 days prior to testing, the permittee shall submit a complete test plan to the AQD Technical Programs Unit and District Office. The AQD must approve the final plan prior to testing, including any modifications to the method in the test protocol that are proposed after initial submittal. The permittee must submit a complete report of the test results to the AQD Technical Programs Unit and District Office within 60 days following the last date of the test. **(R 336.1224, R 336.1225, R 336.1331, R 336.2001, R 336.2003, R 336.2004, 40 CFR 52.21(c) & (d))**

#### **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 last day of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. **(R 336.1205, R 336.1225, R 336.1702, 40 CFR 52.21(c) & (d))**
2. The permittee shall monitor the pressure drop of each baghouse in FGPELLETIZE on a continuous basis. Whenever an emission unit is operating, the permittee shall record the pressure drop of the associated baghouse at least once per day. If the pressure drop is outside the range established in the MAP, the permittee shall take corrective action as described in the MAP and document the corrective action taken. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1224, R 336.1225, R 336.1301, R 336.1331, R 336.1910, 40 CFR 52.21(c) & (d))**

3. The permittee shall perform and document non-certified visible emissions observations for each exhaust stack in FGPELLETIZE on a daily basis when operating. If during the observation there are any visible emissions detected, a USEPA Method 9 certified visible emissions observation shall be conducted for a minimum of 15 minutes to determine the actual opacity. Records of the non-certified visible emissions observations, USEPA Method 9 observations that are performed, the reason for any visible emissions observed, and any corrective actions taken shall be kept on file and made available to the Department upon request. **(R 336.1301, R 336.1331)**
4. The permittee shall keep, in a satisfactory manner, a log of the monthly and 12-month rolling time period, as determined at the end of each calendar month, hours of operation of FGPELLETIZE. The permittee shall keep all records on file at the facility and make them available to the Department upon request. **(R 336.1225, R 336.1702(a), 40 CFR 52.21(c) & (d))**
5. The permittee shall keep, in a satisfactory manner, records of the monthly and 12-month rolling time period, as determined at the end of each calendar month, lime and gypsum throughput, in tons, through EURAWDRY. **(R 336.1205, R 336.1225)**
6. The permittee shall keep, in a satisfactory manner, records of the monthly and 12-month rolling time period, as determined at the end of each calendar month, pelletized product throughput, in tons, through EUPRODDRY. **(R 336.1205, R 336.1225, 40 CFR 52.21(c) & (d))**
7. The permittee shall keep, in a satisfactory manner, records of the monthly and 12-month rolling time period, as determined at the end of each calendar month, lignin sulfonate throughput, in pounds, through FGPELLETIZE. **(R 336.1205, R 336.1702(a))**

**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 FGPELLETIZE. **(R 336.1201(7)(a))**

**VIII. STACK/VENT RESTRICTIONS**

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Diameter/Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SVBAGHOUSEAB	64	55	R 336.1225, 40 CFR 52.21(c) & (d)
2. SVBINVENTA	6	45	R 336.1225, 40 CFR 52.21(c) & (d)
3. SVBINVENTB	6	45	R 336.1225, 40 CFR 52.21(c) & (d)

**IX. OTHER REQUIREMENTS**

NA

**Footnotes:**

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

**The following conditions apply to: FGFUGITIVES**

**DESCRIPTION:** Fugitive emission sources including outdoor material storage piles, product loadout, roads and parking areas.

**Emission Units:** EULOADOUT, EUROADS, EUSTORAGPILES

**POLLUTION CONTROL EQUIPMENT:** Emissions are controlled by use of dust suppressant and vehicle speed limits.

**I. EMISSION LIMITS**

1. Visible emissions from all product loadout, wheel loaders and all truck traffic shall not exceed five (5) percent opacity. **(R 336.1301(1)(c))**
2. Visible emissions from each storage pile shall not exceed five (5) percent opacity. **(R 336.1301(1)(c))**

**II. MATERIAL LIMITS**

NA

**III. PROCESS/OPERATIONAL RESTRICTIONS**

1. The permittee shall not operate any equipment at the facility unless a nuisance minimization plan for fugitive dust for all facility roadways, the facility yard, all storage piles, and all material handling has been submitted to the AQD District Supervisor not less than 60 days of permit issuance, and is implemented and maintained. **(R 336.1371)**
2. The permittee shall apply water and/or dust suppressant to plant roadways as necessary to meet the opacity limit specified in SC I.1 and to prevent material track-out onto public roadways, as described in the nuisance minimization plan for fugitive dust. **(R 336.1301)**
3. The permittee shall cover or apply a dust suppressant to all product haul trucks travelling on site, in accordance with the fugitive dust plan, to reduce fugitive dust emissions. **(R 336.1301)**

**IV. DESIGN/EQUIPMENT PARAMETERS**

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))**

1. The permittee shall complete all required records in a format acceptable to the AQD District Supervisor by the last day of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. **(R 336.1301, R 336.1371)**

2. The permittee shall perform and document non-certified visible emissions observations on a daily basis when operating. If during the observation there are any visible emissions detected, a USEPA Method 9 certified visible emissions observation shall be conducted for a minimum of 15 minutes to determine the actual opacity. Records of the non-certified visible emissions observations, USEPA Method 9 observations that are performed, the reason for any visible emissions observed, and any corrective actions taken shall be kept on file and made available to the Department upon request. **(R 336.1301)**
  
3. The permittee shall keep, in a satisfactory manner, records of all water and dust suppressant application on the plant roadways. The permittee shall keep all records on file at the facility and make them available to the Department upon request. **(R 336.1301)**

**VII. REPORTING**

NA

**VIII. STACK/VENT RESTRICTIONS**

NA

**IX. OTHER REQUIREMENTS**

NA

**Footnotes:**

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