

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

August 11, 2022

**PERMIT TO INSTALL
110-22**

ISSUED TO
Environmental Wood Solutions II LLC

LOCATED AT
1550 Harper Avenue
Detroit, Michigan 48211

IN THE COUNTY OF
Wayne

STATE REGISTRATION NUMBER
N7685

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: July 7, 2022	
DATE PERMIT TO INSTALL APPROVED: August 11, 2022	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 ₂ 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 ₂ S	Hydrogen Sulfide
kW	Kilowatt
lb	Pound
m	Meter
mg	Milligram
mm	Millimeter
MM	Million
MW	Megawatts
NMOC	Non-Methane Organic Compounds
NO _x	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 ₂	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
EUSHREDDER	Arjes Titan 900 mobile shredder, powered by a 700 HP diesel engine (Tier 4), for the processing of wood waste products. The unit is equipped with water sprays and conveyors. This unit will operate at a fixed location on site.	TBD	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.

**EUSHREDDER
 EMISSION UNIT CONDITIONS**

DESCRIPTION

Arjes Titan 900 mobile shredder, powered by a 700 HP diesel engine (Tier 4), for the processing of wood waste products. The unit is equipped with water sprays and conveyors. This unit will operate at a fixed location on site.

Flexible Group ID: NA

POLLUTION CONTROL EQUIPMENT

Water Sprays

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period / Operating Scenario	Equipment	Monitoring / Testing Method	Underlying Applicable Requirements
1. CO	3.5 g/kW-hr	Hourly	Engine portion of EUSHREDDER	SC V.1	40 CFR 52.21 (c) & (d), 40 CFR 1039.101 Table 1
2. NO _x	0.4 g/kW-hr	Hourly	Engine portion of EUSHREDDER	SC V.1	40 CFR 52.21 (c) & (d), 40 CFR 1039.101 Table 1
3. NMHC	0.19 g/kW-hr	Hourly	Engine portion of EUSHREDDER	SC V.1	40 CFR 52.21 (c) & (d), 40 CFR 1039.101 Table 1
4. PM	0.02 g/kW-hr	Hourly	Engine portion of EUSHREDDER	SC V.1	40 CFR 52.21 (c) & (d), 40 CFR 1039.101 Table 1

5. Visible emissions from the shredder portion of EU-SHREDDER shall not exceed a six-minute average of 10 percent opacity. **(R 336.1301(1)(c), R 336.1331, R 336.1901, 40 CFR 52.21(c) and (d))**
6. Visible emissions from the conveyors and transfer points of EU-SHREDDER shall not exceed a six-minute average of 10 percent opacity. **(R 336.1301(1)(c), R 336.1331, R 336.1901, 40 CFR 52.21(c) and (d))**

II. MATERIAL LIMIT(S)

1. The permittee shall not process more than 228,800 tons of material through EUSHREDDER per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1224, R 336.1225, R 336.1901)**

2. The permittee shall not process any demolition debris in EUSHREDDER other than debris from buildings that have had an asbestos inspection conducted. During the time period that EUSHREDDER is processing demolition debris from any building, the permittee shall keep the asbestos inspection report for that respective building on-site and available to the department. **(R 336.1224, R 336.1225, R 336.1301, 40 CFR 52.21(c) & (d), 40 CFR 61.145(a))**
3. The permittee shall not process any construction debris in EUSHREDDER generated from construction activity at an existing building unless the building has had an asbestos inspection conducted. During the time period that EUSHREDDER is processing construction debris from an existing building, the permittee shall keep the asbestos inspection report for that respective building on-site and available to the department. **(R 336.1224, R 336.1225, R 336.1301, 40 CFR 52.21(c) & (d), 40 CFR 61.145(a))**
4. The permittee shall not process any material in EUSHREDDER with a detectable asbestos level, whether friable or nonfriable, utilizing the most precise method of detection as determined by "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R-93/116). This limit applies to all materials. **(R 336.1224, R 336.1225)**
5. The permittee shall not process any electrically driven nor fuel driven material in EUSHREDDER. Prohibited materials include, but are not limited to, vehicles, appliances, and industrial machinery. **(R 336.1224, R 336.1225, R 336.1301, R 336.1702, 40 CFR 52.21(c) & (d))**
6. The permittee shall not process any electronics in EUSHREDDER. Prohibited materials include, but are not limited to, televisions, computers, home appliances, etc. **(R 336.1224, R 336.1225, R 336.1301, R 336.1702, 40 CFR 52.21(c) & (d))**
7. The permittee shall not process any florescent lightbulbs in EUSHREDDER. **(R 336.1224, R 336.1225, R 336.1301, R 336.1702, 40 CFR 52.21(c) & (d))**
8. The permittee shall not process any batteries in EUSHREDDER. **(R 336.1224, R 336.1225, R 336.1301, R 336.1702, 40 CFR 52.21(c) & (d))**
9. The permittee shall burn only diesel fuel, in the engine portion of EUSHREDDER with the maximum sulfur content of 15 ppm (0.0015 percent) by weight, and a minimum Cetane index of 40 or a maximum aromatic content of 35 volume percent. **(40 CFR 60.4207, 40 CFR 80.510(b))**

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not operate EUSHREDDER unless the water injection system is installed, maintained, and operated in a satisfactory manner. **(R 336.1224, R 336.1225, R 336.1331, R 336.1901, R 336.1910, 40 CFR 52.21(c) and (d))**
2. The permittee shall not process demolition debris in EUSHREDDER unless a 24-hour Type 3 Asbestos Contractor/Supervisor accredited individual is onsite during the shredding operation. **(R 336.1224, R 336.1225, R 336.1301, 40 CFR 52.21(c) & (d), 40 CFR 61.145(c)(8))**
3. The permittee shall not operate EUSHREDDER unless a malfunction abatement plan (MAP) as described in Rule 911(2), for EUSHREDDER, has been submitted within 30 days of permit issuance to the AQD District Supervisor for review and approval, 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 (water sprays and conveyor cover), 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 (water spray and conveyor cover) 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 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 336.1910, 40 CFR 52.21(c) and (d))**

- 4. The permittee shall not operate EUSHREDDER unless a program for continuous fugitive emissions control for EUSHREDDER and associated material handling operations has been submitted within 30 days of permit issuance to the AQD District Supervisor for review and approval, and is implemented and maintained. The program shall, at a minimum, address the following:
 - a) Fugitive emissions from loading EUSHREDDER with demolition debris.
 - b) Fugitive emissions from EUSHREDDER.
 - c) Fugitive emissions from loading shredded demolition debris into trucks or storage piles.
 - d) Fugitive emissions from storage piles.

If at any time the fugitive dust control plan fails to address or inadequately addresses fugitive dust emissions, the permittee shall amend the fugitive dust control plan within 45 days. The permittee shall also amend the fugitive dust control plan within 45 days upon request from the AQD District Supervisor. The permittee shall submit any amendments to the fugitive dust control plan to the AQD District Supervisor for review and approval. If the AQD does not notify the permittee within 90 days of submittal, the amended fugitive dust control plan shall be considered approved. **(R 336.1224, R 336.1225, R 336.1301, R 336.1371, R 336.1372, Act 451 324.5524, 40 CFR 52.21(c) & (d))**

- 5. The permittee shall not process any materials in EUSHREDDER unless an approvable procedure for the proper handling and sorting of the material has been submitted to the AQD District Supervisor and is implemented and maintained. **(R 336.1224, R 336.1225, R 336.1301, 40 CFR 52.21(c) and (d))**
- 6. Prior to commencement of operations, the permittee shall submit to the AQD District Supervisor an acceptable written plan demonstrating compliance with SCs II.2, II.3, II.4, II.5, II.6, II.7, II.8, and SC III.2. The permittee shall not operate EU-SHREDDER unless the plan, or an alternate plan is implemented and maintained. Any changes to the plan by the permittee or as reasonably requested by the AQD shall be submitted to the AQD District Supervisor within 30 days. **R 336.1224, R 336.1225, R 336.1301, R 336.1702, 40 CFR 52.21(c) & (d))**
- 7. The permittee shall not operate the engine in EUSHREDDER for more than 3,380 hours per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1224, R 336.1225, 40 CFR 52.21(c) and (d))**
- 8. The permittee shall install, maintain, and operate the engine in EUSHREDDER according to the manufacturer written instructions, or procedures developed by the owner/operator and approved by the engine manufacturer, over the entire life of the engine. **(40 CFR 60.4206, 40 CFR 60.4211(a))**
- 9. The permittee shall only operate the engine in EUSHREDDER for the purpose of providing operational support to EUSHREDDER. **(R 336.1224, R 336.1225, R 336.1901, 40 CFR 52.21(c) and (d))**
- 10. If the permittee purchased a certified engine, according to procedures specified in 40 CFR Part 60, Subpart III, for the same model year, the permittee shall meet the following requirements for the certified engine in EUSHREDDER:
 - a) Operate and maintain the certified engine and control device according to the manufacturer's emission-related written instructions.
 - b) Change only those emission-related settings that are permitted by the manufacturer.

- c) Meet the requirements as specified in 40 CFR 89, 94 and/or 1068, as they apply to the engine.

If the permittee does not operate and maintain the certified engine and control device according to the manufacturer's emission-related written instructions, the engine will be considered a non-certified engine. **(40 CFR 60.4211(a) & (c))**

11. If the permittee purchased a non-certified engine or a certified engine operating in a non-certified manner, the permittee shall keep a maintenance plan for each non-certified engine or certified engine operating in a non-certified manner in the engine portion of EUSHREDDER and shall, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. **(40 CFR 60.4211(g)(3))**

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall install, calibrate, maintain and operate, in a satisfactory manner, a device to monitor the water injection rate on a continuous basis for the water injection system on EUSHREDDER. **(R 336.1910)**
2. The permittee shall not operate EUSHREDDER unless the conveyor(s) is covered and a chute at the discharge end of the conveyor is in place. **(R 336.1301, R 336.1901)**
3. The permittee shall equip and maintain the engine in EUSHREDDER with a non-resettable hours meter to track the operating hours. **(R 336.1225, 40 CFR 60.4209)**
4. The maximum rated power output of the engine in EUSHREDDER shall not exceed 700 HP (515 kW), as certified by the equipment manufacturer. **(40 CFR 60.4202, 40 CFR 89.112(a))**

V. TESTING/SAMPLING

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

1. If the engine in EUSHREDDER is not installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions, or the permittee changes emission-related settings in a way that is not permitted by the manufacturer, the permittee must demonstrate compliance as follows:
 - a) Conduct an initial performance test to demonstrate compliance with the applicable emission standards within one year of startup, or within one year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within one year after you change emission-related settings in a way that is not permitted by the manufacturer.
 - b) If a performance test is required, the performance tests shall be conducted according to need to pick one or use both of the following requirements depending on the engine cylinder size.
 - c) Conduct subsequent performance testing every 8,760 hours of engine operation or every three years thereafter, whichever comes first, to demonstrate compliance with the applicable emission standards.

No less than 30 days prior to testing, a complete test plan shall be submitted to the AQD. 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. **(40 CFR 60.4211(g)(1), (2), & (3), 40 CFR 60.4212)**

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 and make them available by the last day of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. **(R 336.1224, R 336.1225, R 336.1299, R 336.1901)**
2. The permittee shall keep, in a satisfactory manner, daily records of the water injection rate from the water injection system on EUSHREDDER. The permittee shall keep all records on file at the facility and make them available to the Department upon request. **(R 336.1224, R 336.1225, 40 CFR 52.21(c) and (d))**

3. The permittee shall keep records of the amount of material processed in EUSHREDDER in tons per 12-month rolling time period as determined at the end of each calendar month. The permittee shall keep all records in a format acceptable to the AQD District Supervisor. The permittee shall keep all records on file at the facility and make them available to the Department upon request. **(R 336.1224, R 336.1225, R 336.1702, R 336.1901, 40 CFR 52.21(c) and (d))**
4. The permittee shall monitor EUSHREDDER, including the shredder portion, conveyors, and all other transfer points, to verify compliance with the opacity limit by taking visible emission readings utilizing EPA's Method 9, a minimum of once per calendar day when the equipment is operating. If visible emissions are observed the permittee shall take corrective action as described in the MAP and document the corrective action taken. **(R 336.1224, R 336.1225, R 336.1301, 40 CFR 52.21(c) & (d))**
5. The permittee shall keep, in a satisfactory manner, daily records of all visible emission readings. At a minimum, records shall include the date, time, name of observer/reader, whether the reader is certified, status of visible emissions, and any corrective action taken. The permittee shall keep all records on file at the facility and make them available to the Department upon request. **(R 336.1224, R 336.1225, R 336.1301, 40 CFR 52.21(c) & (d))**
6. The permittee shall keep records of the asbestos inspection report for each building from which demolition debris is processed in EUSHREDDER on file and make them available to the Department upon request. **(R 336.1224, R 336.1225, R 336.1301, 40 CFR 52.21(c) & (d), 40 CFR 61.145(a))**
7. The permittee shall keep, in a satisfactory manner, the following records for the engine portion of EUSHREDDER:
 - a) For the certified engine: The permittee shall keep records of the manufacturer certification documentation.
 - b) For any uncertified engine: The permittee shall keep records of testing required in SC V.1.

The permittee shall keep all records on file and make them available to the Department upon request. **(40 CFR 60.4211)**

8. The permittee shall keep, in a satisfactory manner, the following records of maintenance activity for the engine portion of EUSHREDDER:
 - a) For the certified engine: The permittee shall keep records of the manufacturer's emission-related written instructions, and records demonstrating that the engine has been maintained according to those instructions, as specified in SC III.10.
 - b) For any uncertified engine: The permittee shall keep records of a maintenance plan, as required by SC III.11, and maintenance activities.

The permittee shall keep all records on file and make them available to the Department upon request. **(40 CFR 60.4211)**

9. The permittee shall monitor in a satisfactory manner the hours of operation for the engine portion of EUSHREDDER on a monthly and 12-month rolling time period basis. **(R 336.1225, R 336.1702(a), 40 CFR 52.21 (c) & (d))**
10. The permittee shall keep, in a satisfactory manner, records of testing required in SC V.1 or manufacturer certification documentation indicating that the engine portion of EUSHREDDER meets the applicable emission limitations contained in the federal Standards of Performance for New Stationary Sources 40 CFR Part 60 Subpart IIII. If the engine becomes uncertified then the permittee must also keep records of a maintenance plan and maintenance activities. The permittee shall keep all records on file and make them available to the Department upon request. **(40 CFR 60.4211(g))**
11. The permittee shall keep, in a satisfactory manner, fuel supplier certification records or fuel sample test data, for each delivery of diesel fuel used in the engine portion of EUSHREDDER, demonstrating that the fuel meets the requirement of 40 CFR 80.510(b). The certification or test data shall include the name of the fuel supplier or laboratory, the sulfur content, and cetane index or aromatic content of the fuel. **(40 CFR 60.4207(b), 40 CFR 80.510(b))**

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

VIII. STACK/VENT RESTRICTION(S)

NA

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with all applicable provisions of the New Source Performance Standards, as specified in 40 CFR Part 60, Subpart A and Subpart IIII, as they apply to the engine portion of EUSHREDDER. **(40 CFR Part 60 Subparts A and IIII)**
2. The permittee shall comply with all applicable provisions of the National Emission Standards for Hazardous Air Pollutants, as specified in 40 CFR Part 63, Subpart A and Subpart ZZZZ, as they apply to the engine portion of EUSHREDDER. **(40 CFR 63.6595, 40 CFR Part 63, Subparts A and ZZZZ)**

Footnotes:

- ¹ This condition is state only enforceable and was established pursuant to Rule 201(1)(b).