

PERMIT NO. 5093-051-0270-S-01-0

ISSUANCE DATE:



GEORGIA
DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Air Quality Permit

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Rules, Chapter 391-3-1, adopted pursuant to and in effect under that Act,

Facility Name: SA Recycling – Garden City

Facility Address: 100 Sonny Perdue Drive
Garden City, Georgia 31408 Chatham County

Mailing Address: 2411 North Glassell Street
Orange, CA 92865

Facility AIRS Number: 04-13-051-00270

is issued a Permit for the following:

Operation of an automobile shredder at a scrap metal recycling facility. This Permit is issued for the purpose of establishing practically enforceable emission limitations such that the facility will not be considered a major source with respect to Title V of the Clean Air Act Amendments of 1990.

This Permit is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted and in effect under that Act, or any other condition of this Permit.

This Permit may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in Application No. 28586 dated September 14, 2022; any other applications upon which this Permit is based; supporting data entered therein or attached thereto; or any subsequent submittals or supporting data; or for any alterations affecting the emissions from this source.

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached 4 pages.



Richard E. Dunn, Director
Environmental Protection Division

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1. General Requirements

- 1.1 At all times, including periods of startup, shutdown, and malfunction, the Permittee shall maintain and operate this source, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection or surveillance of the source.
- 1.2 The Permittee shall not build, erect, install or use any article, machine, equipment or process the use of which conceals an emission which would otherwise constitute a violation of an applicable emission standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard that is based on the concentration of a pollutant in the gases discharged into the atmosphere.
- 1.3 The Permittee shall submit a Georgia Air Quality Permit application to the Division prior to the commencement of any modification, as defined in 391-3-1-.01(pp), which may result in air pollution and which is not exempt under 391-3-1-.03(6). Such application shall be submitted sufficiently in advance of any critical date involved to allow adequate time for review, discussion, or revision of plans, if necessary. The application shall include, but not be limited to, information describing the precise nature of the change, modifications to any emission control system, production capacity and pollutant emission rates of the plant before and after the change, and the anticipated completion date of the change.
- 1.4 Unless otherwise specified, all records required to be maintained by this Permit shall be recorded in a permanent form suitable for inspection and submission to the Division and shall be retained for at least five (5) years following the date of entry.
- 1.5 In cases where conditions of this Permit conflict with each other for any particular source or operation, the most stringent condition shall prevail.

2. Allowable Emissions

- 2.1 The Permittee shall not discharge, or cause the discharge, into the atmosphere, from all process equipment, any gases which exhibit visible emissions, the opacity of which is equal to or greater than 40 percent, unless otherwise specified.
[391-3-1-.02(2)(b)1.]
- 2.2 The Permittee shall not cause, let, suffer, permit, or allow the emission from any source, particulate matters (PM) in total quantities equal to or exceeding the allowable rate as calculated using the applicable equation below, unless otherwise specified in this Permit.
[391-3-1-.02(2)(e)1]
 - a. $E = 4.1P^{0.67}$, for process input weight rate up to and including 30 tons per hour;
 - b. $E = 55P^{0.11} - 40$, for process input weight rate in excess of 30 tons per hour.

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Where:

E = allowable emission rate in pounds per hour;

P = process input weight rate in tons per hour.

- 2.3 The Permittee shall limit the shredding output of the automobile shredder (Source Code: SS) to less than 608,750 tons during any consecutive twelve-month period.
[391-3-1-.03(2)(c), Avoidance of 40 CFR 70]

3. Fugitive Emissions

- 3.1 The Permittee shall take all reasonable precautions with any operation, process, handling, transportation, or storage facilities to prevent fugitive emissions of air contaminants. Some reasonable precautions which could be taken to prevent dust from becoming airborne include, but are not limited to, the following:
[391-3-1-.02(2)n]
- a. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land;
 - b. Application of asphalt, water, or suitable chemicals on dirt roads, materials, stockpiles, and other surfaces which can give rise to airborne dusts;
 - c. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials. Adequate containment methods can be employed during sandblasting or other similar operations;
 - d. Covering, at all times when in motion, open bodied trucks, transporting materials likely to give rise to airborne dusts;
 - e. The prompt removal of earth or other material from paved streets onto which earth or other material has been deposited.

4. Process & Control Equipment

None Applicable.

5. Monitoring

None Applicable.

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6. Performance Testing

- 6.1 The Permittee shall cause to be conducted a performance test at any specified emission point when so directed by the Division. The following provisions shall apply with regard to such tests:
- a. All tests shall be conducted and data reduced in accordance with applicable procedures and methods specified in the Division's Procedures for Testing and Monitoring Sources of Air Pollutants.
 - b. All test results shall be submitted to the Division within sixty (60) days of the completion of testing.
 - c. The Permittee shall provide the Division thirty (30) days prior written notice of the date of any performance test(s) to afford the Division the opportunity to witness and/or audit the test, and shall provide with the notification a test plan in accordance with Division guidelines.
 - d. All monitoring systems and/or monitoring devices required by the Division shall be installed, calibrated and operational prior to conducting any performance test(s). For any performance test, the Permittee shall, using the monitoring systems and/or monitoring devices, acquire data during each performance test run. All monitoring system and/or monitoring device data acquired during the performance testing shall be submitted with the performance test results.

7. Notification, Reporting and Record Keeping Requirements

- 7.1 The Permittee shall maintain records of daily shredding output (reported as tons of shredder output, as based on purchase records) for the automobile shredder (Source Code: SS). This information shall be recorded in a permanent form suitable and available for inspection.
[Avoidance of 40 CFR 70]
- 7.2 The Permittee shall maintain records of monthly shredding output (reported as tons of shredder output, as based on purchase records) using the daily logs required in Condition 7.2, for the automobile shredder (Source Code: SS). This information shall be recorded in a permanent form suitable and available for inspection.
[Avoidance of 40 CFR 70]
- 7.3 The Permittee shall use the monthly shredding output (reported as tons of shredder output, as based on purchase records) for the automobile shredder (Source Code: SS) required in Permit Condition 7.2 to calculate the 12-consecutive month shredding output. The Permittee shall notify the Division in writing if the monthly shredding output from the automobile shredder exceeds one-twelfth of its rolling annual limit (50,729 tons) during any calendar month. This notification shall include an explanation of how the Permittee intends to maintain compliance with the twelve-consecutive month limit stated in Condition 2.3. This information shall be recorded in a permanent form suitable and available for inspection.
[Avoidance of 40 CFR 70]

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- 7.4 The Permittee shall report any exceedance of the limits in Permit Condition Nos. 2.3 to the Division within 15 days of occurrence.
[391-3-1-.02(6)(b)1]

8. Special Conditions

- 8.1 At any time that the Division determines that additional control of emissions from the facility may reasonably be needed to provide for the continued protection of public health, safety and welfare, the Division reserves the right to amend the provisions of this Permit pursuant to the Division's authority as established in the Georgia Air Quality Act and the rules adopted pursuant to that Act.
- 8.2 The Permittee shall calculate and pay an annual Permit fee to the Division. The amount of the fee shall be determined each year in accordance with the "Procedures for Calculating Air Permit Application & Annual Permit Fees."