

New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 1-4722-00967/00009

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Facility Identification Data

Name: GERSHOW RECYCLING CORP.
Address: 71 PECONIC AVE.
City: MEDFORD
Zip: 11763

Owner/Firm

Name: GERSHOW RECYCLING CORP
Address: 71 PECONIC AVE
PO BOX 526
City: MEDFORD
State: NY Country: USA Zip: 11763
Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:
Name: ROGER EVANS

Division of Air Resources:
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Permit Description

Introduction

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(2) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that while the permit review report is based on information found in the accompanying permit, it is not an enforceable document and therefore, has no legal standing.

Summary Description of Proposed Project

THE TITLE V FACILITY OPERATING PERMIT APPLICATION FOR AN EXISTING AUTOMOBILE AND SCRAP METAL PROCESSING AND RECYCLING FACILITY LOCATED AT MEDFORD IN THE TOWN OF BROOKHAVEN. SHREDDER DRIVE ENGINES CHANGED FROM DIESEL TO NATURAL GAS FUEL AND CATALYTIC CONVERTER ADDED TO REDUCE NOX EMISSIONS.

Attainment Status

GERSHOW RECYCLING CORP. is located in the town of BROOKHAVEN in the county of

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SUFFOLK.

The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

Criteria Pollutant	Attainment Status
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone*	SEVERE NON-ATTAINMENT
Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

** NOx has a separate ambient air quality standard in addition to being an ozone precursor

Facility Description

THE GERSHOW RECYCLING - MEDFORD FACILITY OPERATES AN AUTOMOBILE SHREDDER POWERED BY TWO NATURAL GAS ENGINES RATED AT APPROXIMATELY 2560 HORSEPOWER EACH EQUIPPED WITH A MIRATECH 3-WAY CATALYTIC REDUCTION CONTROL DEVICE. THE SHREDDER EMPLOYS CYCLONE SEPARATORS AND BAGHOUSE FILTERS TO LIMIT THE PARTICULATE EMISSIONS. IN AD DITION THE FACILITY OPERATES A CATERPILLAR DIESEL GENERATOR TO SUPPLY THE ELECTRICAL POWER TO RUN THE EMISSION CONTROL DEVICES AND OTHER SUPPORT EQUIPMENT AT THE SITE. THERE ARE ALSO A WAUKESHA DIESEL GENERATOR INSTALLED AS AN EMERGENCY GENERATOR WHICH OP ERATES LESS THAN 499 HOURS PER YEAR. A SEPARATE SHREDDER IS UTILIZED TO SHRED ELECTRICAL MOTORS AND OTHER COPPER BEARING EQUIPMENT TO FACILITATE RECOVERY OF COPPER FROM SCRAP EQUIPMENT.

Permit Structure and Description of Operations

The Title V permit for GERSHOW RECYCLING CORP.

is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process.

A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission



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units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus, contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device.

[NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

- combustion - devices which burn fuel to generate heat, steam or power
- incinerator - devices which burn waste material for disposal
- control - emission control devices
- process - any device or contrivance which may emit air contaminants that is not included in the above categories.

GERSHOW RECYCLING CORP. is defined by the following emission unit(s):

Emission unit U00002 - A COPPER SHREDDER PROCESSES UP TO 1000 LBS PER DAY OF COPPER BEARING ELECTRICAL EQUIPMENT. SHREDDER IS FOLLOWED BY AN AIR SEPARATION TABLE MAINTAINED UNDER SLIGHT NEGATIVE PRESSURE TO COLLECT PARTICULATES GENERATED FROM THE SEPARATION PROCESS AND DIRECT TO A FABRIC FILTER DUST COLLECTOR SYSTEM.

Emission unit U00002 is associated with the following emission points (EP): P0005

It is further defined by the following process(es):

Process: B01 is located at North East Corner, Building 2 - copper shredding operation, including a small hammermill, air table separator and particulate emission control equipments.

Emission unit U00001 - A HAMMER MILL SHREDDER PROCESSES UP TO 60 AUTOMOBILES PER HOUR. SHREDDER IS MAINTAINED UNDER NEGATIVE PRESSURE TO DRAW PARTICULATES THROUGH THE PARTICULATE REMOVAL SYSTEM. THE HAMMER MILL IS DRIVEN BY TWO WAUKESHA, MODEL P390GSI NATURAL GAS FIRED ENGINES COUPLED TO A FLYWHEEL. THE ENGINES ARE TURBO-CHARGED AND EQUIPPED WITH NSCR CONTROLS. THEY ARE RATED FOR 3000 HP MAXIMUM AND 2560 HP AT NORMAL OPERATING CONDITIONS. A CATERPILLAR DIESEL ENGINE GENERATOR MODEL 3516 STD, RATED AT 2307 HP MAXIMUM AND 1750 HP OPERATING, PROVIDES POWER TO OPERATE THE CONVEYERS, SEPARATORS AND CONTROL DEVICES. A WAUKESHA DIESEL ENGINE GENERATOR MODEL D5972 DSI, 1754 HP MAXIMUM AND 1256 HP OPERATING WAS ALSO INSTALLED AS A BACKUP/EMERGENCY GENERATOR, OPERATING LESS THAN 499 HRS PER YEAR.

Emission unit U00001 is associated with the following emission points (EP):

P0001, P0002, P0003, P004A, P004B

It is further defined by the following process(es):

Process: A01 is located at Middle of the yard, Building 1 - Auto shredding/scrap metal shredding

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operation includes hammermill shredder and air table separation of scrap metal from fluff. Particulates generated from this process are conveyed to the cyclone separator (S01A) and fabric filter(S01B)
Process: A02 is located at Middle of the yard, Building 1 - Combustion of Natural gas in internal combustion engines driving the hammermill.
Process: A03 is located at Middle of the yard, Building 1 - Combustion of distilate oil in Diesel engines.

Title V/Major Source Status

GERSHOW RECYCLING CORP. is subject to Title V requirements. This determination is based on the following information:

THE FACILITY IS A MAJOR SOURCE FOR NO_x. THE POTENTIAL TO EMIT NO_x IS BETWEEN 100 AND 250 TONS PER YEAR. OTHER CONTAMINANTS EMITTED FROM THIS FACILITY INCLUDE PARTICULATES, VOC, CO AND SULFUR DIOXIDE. THE EMISSIONS OF THESE CONTAMINANTS ARE BELOW THE MAJOR EMISSION THRESHOLDS.

Program Applicability

The following chart summarizes the applicability of GERSHOW RECYCLING CORP. with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	NO
NSR (non-attainment)	NO
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	NO
NSPS	NO
TITLE IV	NO
TITLE V	YES
TITLE VI	NO
RACT	NO
SIP	YES

NOTES:

PSD Prevention of Significant Deterioration (40 CFR 52) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

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NSR New Source Review (6 NYCRR Part 231) - requirements which pertain to major stationary sources located in areas which are in non-attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NESHAP National Emission Standards for Hazardous Air Pollutants (40 CFR 61) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's)

MACT Maximum Achievable Control Technology (40 CFR 63) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

NSPS New Source Performance Standards (40 CFR 60) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

Title IV Acid Rain Control Program (40 CFR 72 thru 78) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subparts A thru G) - federal requirements that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's (hydrofluorocarbons) or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

RACT Reasonably Available Control Technology (6 NYCRR Parts 212.10, 226, 227-2, 228, 229, 230, 232, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

SIP State Implementation Plan (40 CFR 52, Subpart HH) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

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Compliance Status

Facility is out of compliance with specific requirements (see attached compliance schedule)
Compliance Schedule:

Table with 3 columns: Location, Short Description, Regulation. Row 1: U-00001, Emission limits for lean burn engines., 6NYCRR 227-2.4(f)(2)

Compliance Discussion:

GERSHOW RECYCLING CORP. is in violations of the following requirement(s): THE FACILITY FAILED TO DEMONSTRATE COMPLIANCE WITH 6 NYCRR 227-2 (NOx RACT) AS OF MAY 31,1995. ORDER ON CONSENT WAS SIGNED IN JANUARY,2000 WHICH REQUIRED THE FACILITY TO DEVELOP STACK TEST PROTOCOLS AND STACK TEST THE INTERNAL COMBUSTION ENGINES AT THE FACILITY TO DEMONSTRATE COMPLIANCE WITH THE NOx RACT REQUIREMENTS. A STACK TEST PROTOCOL WAS SUBMITTED AND WAS APPROVED BY THE DEPARTMENT. THESE EMISSION TESTS WERE CONDUCTED ON AUGUST 22-24, 2000. TEST REPORT INDICATES COMPLIANCE WITH NOx RACT REQUIREMENTS.

SIC Codes

SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the basis of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Larger facilities typically have more than one SIC code.

Table with 2 columns: SIC Code, Description. Row 1: 5093, SCRAP AND WASTE MATERIALS

SCC Codes

SCC or Source Classification Code is a code developed and used by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

Table with 2 columns: SCC Code, Description. Row 1: 2-02-001-02, INTERNAL COMBUSTION ENGINES - INDUSTRIAL... Row 2: 2-02-002-02, INTERNAL COMBUSTION ENGINES - INDUSTRIAL...



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	GAS
	Reciprocating
3-14-011-01	TRANSPORTATION EQUIPMENT
	TRANSPORTATION EQUIPMENT - AUTO BODY SHREDDING
	Primary Metal Recovery Line
3-14-011-02	TRANSPORTATION EQUIPMENT
	TRANSPORTATION EQUIPMENT - AUTO BODY SHREDDING
	Secondary Metal Recovery Line

Facility Emissions Summary

In the following table, the CAS No. or Chemical Abstract Series code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE Range represents an emission range for a contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. 0NY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant Name	PTE	
		lbs/yr	Range
000630-08-0	CARBON MONOXIDE		>= 25 tpy but < 40 tpy
000050-00-0	FORMALDEHYDE (HAP)		> 0 but < 10 tpy
0NY100-00-0	HAP		> 0 but < 2.5 tpy
0NY210-00-0	OXIDES OF NITROGEN		>= 100 tpy but < 250 tpy
0NY075-00-0	PARTICULATES		>= 2.5 tpy but < 10 tpy
0NY075-00-5	PM-10		>= 2.5 tpy but < 10 tpy
007446-09-5	SULFUR DIOXIDE		>= 10 tpy but < 25 tpy
0NY998-00-0	VOC		>= 2.5 tpy but < 10 tpy

Regulatory Analysis

Location	Regulation	Short Description	Condition
Facility/EU/EP/Process/ES			
FACILITY	40CFR 82-F.	Protection of Stratospheric Ozone - recycling and emissions reduction	36
FACILITY	6NYCRR 200.5	Sealing.	1

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FACILITY	6NYCRR 200.6	Acceptable ambient air quality.	2
FACILITY	6NYCRR 200.7	Maintenance of equipment.	3
FACILITY	6NYCRR 201-1.10(b)	Permitting - public access to records kept for Title V permitting	9
FACILITY	6NYCRR 201-1.2	Permitting - unpermitted emission sources	4
FACILITY	6NYCRR 201-1.4	Unavoidable noncompliance and violations	5
FACILITY	6NYCRR 201-1.5	Emergency defense	6
FACILITY	6NYCRR 201-1.7	Recycling and Salvage	7
FACILITY	6NYCRR 201-1.8	Prohibition of reintroduction of collected contaminants to the air	8
FACILITY	6NYCRR 201-3.2(a)	Exempt Activities - Proof of eligibility	10
FACILITY	6NYCRR 201-3.3(a)	Trivial Activities - proof of eligibility	11
FACILITY	6NYCRR 201-5.	State Facility Permit General Provisions	47
FACILITY	6NYCRR 201-5.3(b)	Permit Content and Terms of Issuance - permit conditions	48
FACILITY	6NYCRR 201-6.	Title V Permits and the Associated Permit Conditions	13, 15, 16, 18, 19, 20, 21, 24, 37, 38, 12, 22, 23, 14, 17
FACILITY	6NYCRR 201-6.5(c)(3)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	25
FACILITY	6NYCRR 201-6.5(e)	Compliance Certification	26
FACILITY	6NYCRR 201-6.5(g)	Permit shield	27
FACILITY	6NYCRR 202-1.1	Required emissions tests.	28
U-00001/-/A02	6NYCRR 202-1.1	Required emissions tests.	41
U-00001/-/A03/OS004	6NYCRR 202-1.1	Required emissions tests.	42
FACILITY	6NYCRR 202-2.1	Emission Statements - Applicability	29
FACILITY	6NYCRR 202-2.5	Emission Statements - record keeping requirements.	30
FACILITY	6NYCRR 211.2	General Prohibitions - air pollution prohibited.	49
FACILITY	6NYCRR 211.3	General Prohibitions - visible emissions limited	31
FACILITY	6NYCRR 215.	Open Fires	32
FACILITY	6NYCRR 225-1.2(a)(2)	Sulfur in Fuel Limitations Post 12/31/87.	33
FACILITY	6NYCRR 227-1.3(a)	Smoke Emission Limitations.	34
FACILITY	6NYCRR 227-2.4(f)(2)	Emission limits for lean burn engines.	35
U-00001	6NYCRR 227-2.4(f)(2)	Emission limits for lean burn engines.	40, 39
U-00001/P0002/A02/OS002	6NYCRR 227-2.4(f)(2)	Emission limits for lean burn engines.	43
U-00001/P0003/A02/OS003	6NYCRR 227-2.4(f)(2)	Emission limits for lean burn engines.	44
U-00001/P004A/A03/OS004	6NYCRR 227-2.4(f)(2)	Emission limits for lean burn engines.	45

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U-00001/P004B/A03/OS005 6NYCRR 227-2.4(f)(3) Exemption for emergency power generating units and units that operate during emergency situations. 46

Applicability Discussion:

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

6NYCRR Part 200-.5

Allows for the sealing of non-compliant air contamination sources

6NYCRR Part 200-.6

Acceptable ambient air quality - prohibits contravention of ambient air quality standards without mitigating measures

6NYCRR Part 200-.7

Anyone owning or operating an air contamination source which is equipped with an emission control device must operate the control consistent with ordinary and necessary practices, standards and procedures, as per manufacturer's specifications and keep it in a satisfactory state of maintenance and repair so that it operates effectively

6NYCRR Part 201-1.2

Any existing emission source that is required to be permitted or registered but has not done so, must apply for the necessary permit or registration. The source is subject to all regulations that were applicable at the time the original permit or registration was required as well as any subsequent applicable requirements that came into effect since.

6NYCRR Part 201-1.4

This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable emission standard that results from a necessary scheduled equipment maintenance, start-up shutdown, malfunction or upset in the event that these are unavoidable.

6NYCRR Part 201-1.5

An enforcement action may be avoided if the facility can demonstrate that an emergency situation occurred which resulted in an emission limitation or permit violation. The following information would constitute evidence of an emergency situation: a properly signed operating log recorded during the actual event which; identifies the cause(s) of the emergency, indicates that all equipment was operating properly at the time, the person responsible took all reasonable steps to minimize the exceedance or violation, and that the department was notified of the emergency within 2 working days of the event.

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6NYCRR Part 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6NYCRR Part 201-1.8

Prohibits the reintroduction of collected contaminants to the air

6NYCRR Part 201-1.10(b)

Any permit application, compliance plan, permit, and monitoring and compliance certification report that is submitted as part of the Title V permit process must be made available to the public as per requirements set forth under 6 NYCRR Part 616 - Public Access to Records and section 114(c) of the Clean Air Act Amendments of 1990.

6NYCRR Part 201-3.2(a)

An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

6NYCRR Part 201-3.3(a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

6NYCRR Part 201-5

General Provisions - this requirement applies to those permit terms and conditions which are not federally enforceable; specifies that permittees must maintain emission units and control devices in compliance with all rules; authorizes reasonable access for inspections for department representatives; requires that on-site monitoring recordkeeping be made available for review for at least 5 years.

Permit Exclusion Provisions - specifies those actions, such as administrative orders, suits, claims for natural resource damages, etc that are not affected by the state-only portion of the permit, unless they are specifically addressed by it.

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6NYCRR Part 201-5.3(b)

Lists those contaminants subject to contaminant specific requirements

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6NYCRR Part 201-6

General provisions for Title V permits including:

Applicable Criteria, Limits, Terms, Conditions and Standards - requires that facility operations take place in accordance with approved criteria, emission limits, terms, conditions and standards as specified in the permit and that any documents required by the federally enforceable portion of the permit be certified by a responsible official

Cessation or Reduction of Permitted Activity Not a Defense - specifies that the cessation or reduction of a permitted activity to maintain compliance is not a defense in an enforcement action

Compliance Requirements - lists the information that must be included in any required compliance monitoring records and reports; and requires; compliance with any approved compliance schedule; the submittal of risk management plans as per 112(r) of the Act if necessary; and the submittal of compliance progress reports on a semiannual basis, at a minimum

Federally-Enforceable Requirements - specifies what permit terms and conditions, in general, are federally enforceable

Fees - requires the permittee to pay any required fees

Monitoring, Related Recordkeeping and Reporting Requirements - requires all compliance monitoring and recordkeeping to be conducted according to the terms and conditions of the permit and any Q/A requirements; any monitoring or support information is to be retained for minimum of 5 years.

Permit Revocation, Modification, Reopening, Reissuance or Termination and Associated Information Submission Requirements - specifies that the permit may be modified, revoked, reopened and reissued, or terminated for cause; and the permittee must furnish information regarding the permit to the department upon reasonable request

Permit Shield - sets forth criteria under which the permit shield applies and what authority the department maintains in pursuing violations

Property Rights - specifies that the permit does not convey any property rights

Reopening Cause - sets forth criteria and procedures for reopening a permit

Right to Inspect - establishes authority whereby department representatives may enter and inspect a facility

Severability - establishes that the permit continues to be valid in instances where

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any provisions, parts or conditions of the permit are found to be invalid or are the subject of a challenge

6NYCRR Part 201-6.5(c)(3)

Requires that any reports of any required monitoring must be submitted at a minimum frequency of every 6 months.

6NYCRR Part 201-6.5(e)

Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.

6NYCRR Part 201-6.5(g)

Permit Exclusion Provisions - specifies those actions, such as administrative orders, suits, claims for natural resource damages, etc that are not affected by the federally enforceable portion of the permit, unless they are specifically addressed by it.

6NYCRR Part 202-1.1

Specifies that emissions tests may be required to ascertain compliance with any air pollution codes and rules.

6NYCRR Part 202-2.1

Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

6NYCRR Part 202-2.5

Specifies the emission statement records that must be maintained for a 5 year period.

6NYCRR Part 211-.2

General air pollution prohibition

6 NYCRR Part 211.3

Restricts the opacity of visible emissions from any air contamination source.

6 NYCRR Part 215

Prohibits open fires at industrial and commercial sites.

40 CFR Part 82, Subpart F

Requires affected permittees to comply with the recycling and emissions reduction standards specified by this rule when using ozone depleting substances identified under Title VI of the Act. Specifically, these regulations apply to the following persons or activities:

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- a. Persons opening appliances for maintenance, service, repair, or disposal
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances
 - c. Persons performing maintenance, service, repair, or disposal of appliances
 - d. Persons disposing of small appliances, motor vehicle air conditioners or MVAC's, and MVAC-like appliances
 - e. Persons owning commercial or industrial process refrigeration equipment
 - f. Owners/operators of appliances normally containing 50 or more pounds.
- If applicable, the above persons or activities may be required to comply with certain disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

Facility Specific Requirements

In addition to Title V, GERSHOW RECYCLING CORP. has been determined to be subject to the following regulations:

6NYCRR 225-1.2 (a) (2)

This regulation prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations set forth in Table 1, Table 2, or Table 3 of this section.

6NYCRR 227-1.3 (a)

This regulation prohibits any person from operating a stationary combustion installation which emits smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.

6NYCRR 227-2.4 (f) (2)

This regulation limits NOx emissions from lean burn internal combustion engines to 3grams/bhp for gas only fired units and 9 grams/bhp for units firing other fuels.

6NYCRR 227-2.4 (f) (3)

This regulation exempts emergency power generating units that operates less than 500 hours per year, from NOx RACT emission limits.

Compliance Certification

Summary of monitoring activities at GERSHOW RECYCLING CORP.:

Location Facility/EU/EP/Process/ES	Type of Monitoring	Cond No.
FACILITY	record keeping/maintenance procedures	25
FACILITY	record keeping/maintenance procedures	26
U-00001/-/A02	intermittent emission testing	41
U-00001/-/A03/OS004	intermittent emission testing	42
FACILITY	record keeping/maintenance procedures	29
FACILITY	work practice involving specific	33

New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 1-4722-00967/00009

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Basis for Monitoring

6NYCRR Part 225-1 requires the facility to monitor for sulfur in the No.2 fuel that they use in their engines. The sulfur content shall not exceed 1% by weight in the fuel oil. This is the maximum concentration allowed in the fuel oil in the town of Brookhaven.

6NYCRR Part 227-1.3 limits opacity of emissions to 20% except for one six -minute period per hour of not more than 27% opacity. Method 9 monitoring is required.

6NYCRR Part 227-2.4 limits NOx emissions for lean burn engines to 3 grams/bhp for gas only fired units and 9 grams/bhp for units firing other fuels. Stack testing is required to verify compliance.