



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-1430-00271/00001
Effective Date: 08/21/2018 Expiration Date: 08/20/2028

Permit Issued To: TWIN VILLAGE RECYCLING CO INC
4153 BROADWAY
DEPEW, NY 14043

Contact: NICHOLAS MARCEZIN
4153 Broadway
Depew, NY 14043
(716) 479-6625

Facility: TWIN VILLAGE RECYCLING CO INC
4153 BROADWAY
DEPEW, NY 14043

Description:

Twin Village Recycling Company (Twin Village) is a scrap metal yard located in Depew (Erie County), New York. Twin Village handles both commercial & residential recycling needs. Twin Village is a full service scrap metal recycler with tractors, trailers, roll off containers and lugger boxes to service customer's needs. Cars are purchased by Twin Village at their end of usable life. These cars are taken to Clinton Auto Parts, Inc. to be inventoried. Parts that are of value as intact parts are removed and sold, and the remaining portions of the cars undergo a process whereby they are depolluted. The depollution process involves removing any liquids remaining in the vehicle, including all oils, liquids and fuels. After the depollution process, the vehicle is classified as a dry car, and is taken to Twin Village for processing. Twin Village operates a 16 Hammer Mill Drake which is powered by an 875 horsepower CAT C27 ACERT diesel engine manufactured in 2007. Due to the fact that the 875 horsepower CAT C27 ACERT diesel engine was manufactured after April 1, 2006, it is subject to 40 CFR Part 60 IIII. Twin Village processes approximately 20 cars per day, plus other light items classified as general scrap. Twin Village processes ferrous and nonferrous metals using the 16 Hammer Mill Drake and uses the 16 Hammer Mill Drake to separate metallic and non-metallic materials. Recycled materials are then taken to a mill for processing.

The purpose of this Air State Facility permit is to regulate and control emissions that are generated by the 16 Hammer Mill Drake and the 875 horsepower Cat C27 ACERT diesel engine as well as fugitive dust generated throughout the facility. Starting at the front end, Twin Village has recently installed a "DustBuster Simplex" foaming system for objects entering the 16 Hammer Mill Drake. Processed materials are put through a water-based misting system to capture fugitive dust produced during processing. Ferrous and non-ferrous metals are then separated from plastics and other recycled materials via a system of rotating magnets and an air cyclone system, followed by a scrubber system that is rated at 96% efficiency at capturing fugitive dust emitted from the recycling process. Contained fugitive dust is gathered in containment socks attached to the 16 Hammer Mill Drake. The entire 16 Hammer Mill Drake system sits on a concrete skirt with its own independent misting system, which captures any fugitive dust that emissions control equipment built into the 16 Hammer Mill Drake is unable to



capture.

Per 6 NYCRR Part 212-2.3(a) Table 3, an Environmental Rating of B has been assigned to the emissions from the Hammer Mill Drake. Per 6 NYCRR Part 212-2.4(b), no facility owner or operator shall cause or allow emissions of particulate that exceed 0.050 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Calculations performed using current emission rates and flow data indicate the emissions from the Hammer Mill Drake are currently meeting this limit. The Hammer Mill Drake is also subject to the opacity limit presented in 6 NYCRR Part 212-1.6(a) which states no facility owner or operator shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source or emission point, except for the emission of uncombined water.

A dust control plan, dated April 30, 2018, has been submitted to the Department and accepted. The primary mechanism for dust control will be the use of a water truck with a spray bar and hose(s). A condition has been added to this permit describing the dust control plan.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: MARK F PASSUITE
 NYSDEC - REGION 9
 270 MICHIGAN AVE
 BUFFALO, NY 14203-2915

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
- Applications for permit renewals, modifications and transfers
- Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before the expiration of permits for Title V and State Facility Permits.

Item 3.3

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.



Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

****** Facility Level ******

Condition 5: Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2915
(716) 851-7165

New York State Department of Environmental Conservation

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Permit Under the Environmental Conservation Law (ECL)

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY
PERMIT**

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4153 BROADWAY
DEPEW, NY 14043

Facility: TWIN VILLAGE RECYCLING CO INC
4153 BROADWAY
DEPEW, NY 14043

Authorized Activity By Standard Industrial Classification Code:
3399 - PRIMARY METAL PRODUCTS, NEC

Permit Effective Date: 08/21/2018

Permit Expiration Date: 08/20/2028



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 211.1: Air pollution prohibited
- 2 6 NYCRR 211.1: Compliance Demonstration
- 3 40CFR 60, NSPS Subpart IIII: Applicability
- 4 40CFR 60, NSPS Subpart IIII: Compliance and Enforcement

Emission Unit Level

EU=U-00001

- 5 6 NYCRR 212-1.6 (a): Compliance Demonstration
- 6 6 NYCRR 212-2.4 (b): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 7 ECL 19-0301: Contaminant List
- 8 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 9 6 NYCRR Subpart 201-5: Emission Unit Definition
- 10 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 11 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 12 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 13 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 14 6 NYCRR Subpart 201-5: Process Definition By Emission Unit



FEDERALLY ENFORCEABLE CONDITIONS

****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Item C: Maintenance of Equipment - 6 NYCRR 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications,



required to operate such device effectively.

Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item F: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item G: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, 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.

Item H: Proof of Eligibility for Sources Defined as Trivial



Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, 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.

Item I: Required Emission Tests - 6 NYCRR 202-1.1

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item J: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item K: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item L: Federally Enforceable Requirements - 40 CFR 70.6 (b)



All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

Condition 1: Air pollution prohibited
Effective between the dates of 08/21/2018 and 08/20/2028

Applicable Federal Requirement:6 NYCRR 211.1

Item 1.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 2: Compliance Demonstration
Effective between the dates of 08/21/2018 and 08/20/2028

Applicable Federal Requirement:6 NYCRR 211.1

Item 2.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

TWIN VILLAGE (TV) DUST CONTROL PLAN dated April 30, 2018

The primary mechanism for dust control will be the use of a water truck with a spray bar and hose(s). Only potable



water will be used for dust control purposes. Proactive controls will be instituted to reduce the amount of dust generation during site activities, including enforcement of low speed limits for vehicular traffic. TV will utilize a water truck to wet down surfaces that collect dust related to recycling processes that occur at Twin Village. Spraying down and cleaning all concrete driving and operating surfaces will occur on a continuous basis. Once per month, TV will remove debris washed to the edges of driving and working areas in order to mitigate dust generation and potential hazardous residue buildup. This process will involve loading dirt and dust collected on edges of work and driving surfaces into an appropriately sized dumpster, which must be kept covered at all times, and transporting that material to the appropriate processing facility when the container is full. Records of this process will be maintained by TV management and kept for five (5) years.

TV will implement a dust control training program for all site personnel. This training program will review the potential sources of dust, individual responsibilities, and actions for controlling dust as described in this plan. The training will emphasize the importance of dust control to the overall success of the activities at Twin Village, and familiarize site personnel with the air monitoring requirements and appropriate dust control procedures that must be adhered to in accordance with this plan to minimize dust generation.

Monitoring Frequency: WHEN THE SOURCE IS OPERATING
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 3: Applicability
Effective between the dates of 08/21/2018 and 08/20/2028

Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII

Item 3.1:
Facilities that have stationary compression ignition internal combustion engines must comply with applicable portions of 40 CFR 60 Subpart IIII.

Condition 4: Compliance and Enforcement
Effective between the dates of 08/21/2018 and 08/20/2028

Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII

Item 4.1:
The Department has not accepted delegation of 40 CFR Part 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. Any questions

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concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 60 Subpart IIII during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

****** Emission Unit Level ******

Condition 5: Compliance Demonstration
Effective between the dates of 08/21/2018 and 08/20/2028

Applicable Federal Requirement:6 NYCRR 212-1.6 (a)

Item 5.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of an EPA Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations for visible emissions from the crusher emission points on a weekly basis. An uncertified observer may make the weekly readings, but must be familiar with and follow the principles of EPA Method 9. This includes, at least, making visible emission readings from a location as required in Method 9, making readings where condensed water vapor is not present, knowing the difference between condensed water vapor and opacity, and knowing where to read for attached and detached condensed water vapor plumes.

If visible emissions are observed then the permittee will immediately investigate and determine the cause, make the necessary correction, and verify that the visible emissions problem has been corrected with another visible

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emission reading.

Records of all visible emission observations, investigations and corrective actions shall be kept on-site in a format acceptable to the Department for 5 years.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 6: Compliance Demonstration
Effective between the dates of 08/21/2018 and 08/20/2028

Applicable Federal Requirement: 6 NYCRR 212-2.4 (b)

Item 6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions from any process emission source for which an application was received by the department after July 1, 1973 are restricted as follows:

No facility owner or operator shall cause or allow emissions of particulate that exceed 0.050 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.050 grains per dscf
Reference Test Method: Method 5
Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated and maintained;

(3) During the period of the emergency the facility owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item B: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records.



Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

Item C: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by 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.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 7: Contaminant List
Effective between the dates of 08/21/2018 and 08/20/2028

Applicable State Requirement:ECL 19-0301

Item 7.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 0NY075-00-0
Name: PARTICULATES

Condition 8: Malfunctions and start-up/shutdown activities
Effective between the dates of 08/21/2018 and 08/20/2028

Applicable State Requirement:6 NYCRR 201-1.4

Item 8.1:

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(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

Condition 9: Emission Unit Definition
Effective between the dates of 08/21/2018 and 08/20/2028

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 9.1:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-00001

Emission Unit Description:

This emission unit is a Hammer Mill Drake car crusher manufactured in 2007 by ING.BONFIGLIOLI SPA. The car crusher is powered by a Caterpillar 875 Hp diesel engine that was manufactured in 2007.

Condition 10: Renewal deadlines for state facility permits
Effective between the dates of 08/21/2018 and 08/20/2028



Applicable State Requirement:6 NYCRR 201-5.2 (c)

Item 10.1:

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Condition 11: Compliance Demonstration
Effective between the dates of 08/21/2018 and 08/20/2028

Applicable State Requirement:6 NYCRR 201-5.3 (c)

Item 11.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 9
270 Michigan Ave.
Buffalo, NY 14203

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 12: Visible Emissions Limited
Effective between the dates of 08/21/2018 and 08/20/2028

Applicable State Requirement:6 NYCRR 211.2

Item 12.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

****** Emission Unit Level ******

Condition 13: Emission Point Definition By Emission Unit



Effective between the dates of 08/21/2018 and 08/20/2028

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 13.1:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 21 Diameter (in.): 6
NYTMN (km.): 4756.646 NYTME (km.): 196.169

Emission Point: 00002

Height (ft.): 31 Diameter (in.): 54
NYTMN (km.): 4756.646 NYTME (km.): 196.169

Condition 14: Process Definition By Emission Unit

Effective between the dates of 08/21/2018 and 08/20/2028

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 14.1:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00001

Process: 001

Source Classification Code: 3-14-011-01

Process Description:

Cars intended for scrap are loaded into a Hammer Mill Drake and crushed with 16 hammers. The Hammer Mill Drake is powered by a Caterpillar 875 horse power diesel engine that was manufactured in 2007. Twin Village installed a "DustBuster Simplex" foaming system for objects entering the 16 Hammer Mill Drake. Processed materials are put through a water-based misting system to capture fugitive dust produced during processing. Ferrous and non-ferrous metals are then separated from plastics and other recycled materials via a system of rotating magnets and an air cyclone system, followed by a scrubber system that is rated at 96% efficiency at capturing fugitive dust emitted from the recycling process. Contained fugitive dust is gathered in containment socks attached to the 16 Hammer Mill Drake. The entire 16 Hammer Mill Drake system sits on a concrete skirt with its own independent misting system, which captures any fugitive dust that emissions control equipment built into the 16 Hammer Mill Drake is unable to capture.

Emission Source/Control: CYCLO - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: DUSTB - Control



Control Type: FOAM BLANKET - CHEMICAL FUME
SUPPRESSANT

Emission Source/Control: 00001 - Process
Design Capacity: 38 tons per hour

