



State of New Jersey

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION

AIR, ENERGY AND MATERIALS SUSTAINABILITY
Division of Air Quality
Bureau of Stationary Sources
401 E. State Street, 2nd floor, P.O. Box 420, Mail Code 401-02
Trenton, NJ 08625-0420

SHAWN M. LATOURETTE
Commissioner

**Air Pollution Control
Preconstruction Permit and Certificate to Operate
Revision**

Permit Activity Number: PCP220001

Program Interest No: 12667

Mailing Address	Plant Location
NICHOLAS MILANO MGR ALLEGRO SANITATION CORP 278 SECAUCUS RD Secaucus, NJ 07094	ALLEGRO SANITATION CORP 278 Secaucus Rd Secaucus, Hudson County, New Jersey

Approval Date: <NO DATA FOUND>

Expiration Date: <NO DATA FOUND>

The New Jersey Department of Environmental Protection (Department) has reviewed the above referenced air pollution control permit application. On the basis of the information provided, the Department concludes that the application satisfies all applicable requirements of the New Jersey Air Pollution Control regulations codified at N.J.A.C. 7:27 et seq. This Air Pollution Control Permit modification shall supersede any existing Air Pollution Control Permits issued for the specified source. This permit allows for inspection and evaluation of the equipment by the Department to assure conformance with all provisions of N.J.A.C. 7:27 et seq. and any other applicable federal requirements codified at 40 CFR 52, 60, 61 and 63.

This approval changes certain portions of the previously approved preconstruction permit, and this action does not change the current expiration date of the permit. This approval results in a permit that has replaced the one previously issued, Activity Number PCP <<xxxxxxx>>.

The equipment, that is authorized to be installed and operated under this approval, is described in Section A, Source Operations and Section D, Equipment Inventory. Equipment at the facility referenced by this Permit shall be operated in accordance with the Conditions of Approval set forth in Section D, Facility Specific Requirements.

The Department hereby issues this permit and certificate under the authority of chapter 106, P.L. 1967(N.J.S.A 26:2C-9.2). You may construct, reconstruct, install, or modify the above referenced equipment and/or control apparatus consistent with the approval.

The approved Permit is available for download in PDF format which contains the facility's specific requirements (compliance plan) at: <http://www.nj.gov/dep/aqpp>. After accessing the web site, click on "Approved PCP Permits" listed under "Reports" and then type in your Program Interest (PI) Number, 12667, as instructed on the screen. You will be able to view, print or electronically store your permit. If you have any questions regarding this permit approval, please contact the Department at the Preconstruction Permit Help Line available from 9:00 AM to 4:00 PM daily, where you may speak to someone about any technical questions you may have. The Preconstruction Permit Technical Help Line number is 609-292-6716.

If, in your judgment as an applicant for an air pollution control permit, the Department is imposing any unreasonable Condition of Approval, you may contest the Department's decision and request a contested case hearing pursuant to the Administrative Code at N.J.A.C. 7:27-1.32(a). All requests for contested case hearings must be received in writing by the Department within twenty (20) calendar days of the date you receive this permit approval and must contain the information specified in the Administrative Hearing Request Checklist and Tracking Form.

If you have any non technical questions please use the Bureau's number 609- 292-0834. If you have any questions when filing a General Permit please use the General Permit Help number 609-633-2829.

Approved by:

(Supervisor's name)
Preconstruction Permits

Administrative Hearing Request Checklist and Tracking Form

I. Document Being Appealed

Name of the Facility	Facility ID Number	Permit Activity Number	Issuance Date
ALLEGRO SANITATION CORP	12667	PCP220001	

II. Contact Information

Name of Person Requesting Hearing	Name of Attorney (if applicable)
Address:	Address:
Telephone:	Telephone:

III. Please include the following information as part of your request:

- A. The date the permittee received the permit decision;
- B. Two printed copies of the document being appealed – for submitting to address 1 below;
A PDF copy of the document being appealed on a CD – for submitting to address 2 below
- C. The legal and factual questions you are appealing;
- D. A statement as to whether or not you raised each legal and factual issues during the permit application process;
- E. Suggested revised or alternative permit conditions;
- F. An estimate of the time required for the hearing;
- G. A request, if necessary, for a barrier-free hearing location for physically disabled persons;
- H. A clear indication of any willingness to negotiate a settlement with the Department prior to the Departments processing of your hearing request to the Office of Administrative Law;

Mail this form, completed, signed and dated with all of the information listed above, including attachment, to:

1. New Jersey Department of Environmental Protection
Office of Legal Affairs
Attention: Adjudicatory Hearing Requests
401 E. State Street, P.O. Box 402
Trenton, New Jersey 08625
2. Mail Code: 401-02
New Jersey Department of Environmental Protection
Air Quality Program
P.O. Box 420
Trenton, New Jersey 08625-0420
Phone: (609) 633-2829

Signature

Date

Administrative Hearing Request Checklist and Tracking Form

IV. If you are not the applicant but rather an interested person claiming to be aggrieved by the permit decision, please include the following information:

1. The date you or your agent received notice of the permit decision (include a copy of that permit decision with your hearing request);
2. Evidence that a copy of the request has been delivered to the applicant for the permit which is the subject of the permit decision;
3. A detailed statement of which findings of fact and/or conclusion of law you are challenging;
4. A description of your participation in any public hearings held in connection with the permit application and copies of any written comments you submitted;
5. Whether you claim a statutory or constitutional right to a hearing, and, if you claim such a right, a reference to the applicable statute or explanation of how your property interests are affected by the permit decision;
6. If the appeal request concerns a CAFRA permit decision, evidence that a copy of the request has been delivered to the clerks of the county and the municipality in which the project which is the subject of the permit decision is located;
7. Suggested revised or alternative permit conditions;
8. An estimate of the time required for the hearing;
9. A request, if necessary, for a barrier-free hearing location for physically disable persons;
10. A clear indication of any willingness to negotiate a settlement with the Department prior to the Department's transmittal of the hearing request to the Office of Administrative Law;

Mail this form, completed, signed and dated with all of the information listed above, including attachment, to:

New Jersey Department of Environmental Protection
Office of Legal Affairs
Attention: Adjudicatory Hearing Requests
401 East State Street, P.O. Box 402
Trenton, New Jersey 08625-0402

Mail Code: 401-02
New Jersey Department of Environmental Protection
Air Quality Program
P.O. Box 420
Trenton, New Jersey 08625-0420
Phone: (609) 633-2829

Signature

Date

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

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Facility ID No.: 12667

Permit Activity No.: PCP220001

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AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section A

Facility Name: ALLEGRO SANITATION CORP

Facility ID No.: 12667

Permit Activity No.: PCP220001

AUTHORIZED SOURCE OPERATIONS

This Preconstruction Permit and the Certificate to Operate for the following equipment is issued pursuant to N.J.A.C. 7:27-8.

Description of Source Activity

Source Operation Type: Transfer station

Source Operation Description: Solid waste transfer station able to receive and ship Type 10, 13, 13C, 23, and 27 waste types and source separated Class A recyclable material at a rate of 1000 tons per day.

Source Operation Details: The sources authorized by this permit shall be operated within the parameters specified in the Equipment, Control Device, and/or Emission Unit/Batch Process Operating Scenario Details of this permit. Operation of the authorized sources within these parameters is required in addition to compliance with the conditions specified in Section D- Facility Specific Requirements.

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section B

Facility Name: ALLEGRO SANITATION CORP

Facility ID No.: 12667

Permit Activity No.: PCP220001

ACRONYMS

CEMS	Continuous Emissions Monitor System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COMS	Continuous Opacity Monitor System
EPA	United States Environmental Protection Agency
EMS	Emission Measurement Section - NJDEP
HAP	Hazardous Air Pollutant
N.J.A.C.	New Jersey Administrative Code
NJDEP	New Jersey Department of Environmental Protection
NOx	Oxides of Nitrogen
PM-2.5	All particulate matter having an aerodynamic diameter less than or equal to a nominal 2.5 microns
PM-10	All particulate matter having an aerodynamic diameter less than or equal to a nominal 10 microns
PST	Performance Specification Test
REO	Regional Enforcement Office - NJDEP
SO ₂	Sulfur Dioxide
TSP	Total Suspended Particulate Matter
VOC	Volatile Organic Compounds

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section C

Facility Name: ALLEGRO SANITATION CORP

Facility ID No.: 12667

Permit Activity No.: PCP220001

GENERAL PROVISIONS AND AUTHORITIES Preconstruction Permits

1. The permittee shall not construct, reconstruct, install, or modify a significant source or control apparatus serving the significant source without first obtaining a preconstruction permit under N.J.A.C. 7:27-8. [N.J.A.C. 7:27-8.3(a)]
2. The permittee shall not operate (nor cause to be operated) a significant source or control apparatus serving the significant source without a valid operating certificate. [N.J.A.C. 7:27-8.3(b)]
3. Permit Revisions:

The permittee shall not take any action which requires a permit revision, compliance plan change, seven-day-notice change, amendment, or change to a batch plant permit, under any applicable provision at N.J.A.C. 7:27-8.17 through 8.23, without complying with that applicable provision.

The following summarize N.J.A.C. 7:27-8.18 through 8.21:

- a. The permittee shall file a permit revision request and receive approval from the Department prior to increasing any maximum allowable emission limit, increasing actual emissions, to a rate or concentration greater than a maximum allowable emission, causing the emissions of a new air contaminant, use a new raw material, reconstructing equipment, change the ground level concentration of an air contaminant in an area where the public has access, replace the permitted source, or constructing or installing a new significant source. [N.J.A.C. 7:27-8.18]
- b. The permittee shall file a compliance plan change request and receive approval from the Department prior to decreasing the frequency of testing, monitoring, recordkeeping, or reporting, changing the monitoring method, changing a level, rate, or limit of an operational parameter included in the conditions, or reducing a source's potential to emit. [N.J.A.C. 7:27-8.19]
- c. At least seven days prior to proceeding with a physical or operational change that is outside the scope of activities allowed by this permit, but will not increase emissions over the allowable emissions and will not alter the stack characteristics, the permittee shall file a seven-day-notice

change. The permittee may proceed with the proposed changes seven days after such notice is filed with the Department. [N.J.A.C. 7:27-8.20].

- d. The permittee shall file an amendment within 120 days of making any change of the information which allows the Department to identify and contact the permittee, changing the name, number or designation of any equipment or stack covered by this permit, changing the parameters of a stack in such a way to reduce the ground level concentration of an air contaminant, or correction of a typographical error that will not result in an increase of actual or allowable emissions. [N.J.A.C. 7:27-8.21]
The permittee shall review the provisions of N.J.A.C. 7:27-8.18 through 7:27-8.21 to determine the appropriate type of request to file.
4. The permittee shall make the preconstruction permit or certificate, together with any amendments, seven-day-notices, or other documents related to the permit and certificate, readily available for Department inspection on the operating premises. [N.J.A.C. 7:27-8.3(d)]
5. The permittee shall not use or cause to be used the equipment or control apparatus unless all components connected or attached to, or serving, the equipment or control apparatus, are functioning properly and are in compliance with the preconstruction permit and certificate and all conditions and provisions thereto. [N.J.A.C. 7:27-8.3(e)]
6. A preconstruction permit is not transferable either from the location authorized in the preconstruction permit to another location, or from any one piece of control apparatus or equipment to another piece of control apparatus or equipment. [N.J.A.C. 7:27-8.3(f)]
7. Once a permit or certificate is issued, the permittee is fully responsible for compliance with N.J.A.C. 7:27-8 and with the permit and certificate, including adequate design, construction, and operation of the source, even if employees, contractors, or others work on or operate the permitted source. If the Department issues any other requirement with the force of law, such as an order, which applies to the source, the permittee is also responsible for compliance with that requirement. [N.J.A.C. 7:27-8.3(g)]
8. Preconstruction permits and certificates do not any way relieve the permittee from the obligation to obtain necessary permits from other government agencies and to comply with all other applicable Federal, State, and local rules and regulations. [N.J.A.C. 7:27-8.3(h)]
9. The Department and its representatives have the right to enter and inspect any facility or property in accordance with N.J.A.C. 7:27-1.31. [N.J.A.C. 7:27-8.3(m)]
10. There shall be an affirmative defense to liability for penalties for a violation of a preconstruction permit or certificate occurring as a result of an equipment malfunction, an equipment start-up, an equipment shutdown, or during the performance of necessary maintenance. The affirmative defense shall be asserted

- and established as required pursuant to P.L. 1993. c.89 (adding N.J.S.A. 26:2C-19.1 through 2C-19.5) and any rules the Department promulgates thereunder, and shall meet all of the requirements thereof. There shall also be an affirmative defense to liabilities for penalties or other sanctions for noncompliance with any technology based emission limitation in this permit or certificate, if the noncompliance was due to an emergency as defined at N.J.A.C. 7:27-22.1, provided that the affirmative defense is asserted and established in compliance with 40 CFR 70.6(g) and meets all requirements thereof. [N.J.A.C. 7:27-8.3(n)]
11. Any person to whom the Department has issued a preconstruction permit or certificate shall comply with all terms and conditions of any order related to the preconstruction permit or certificate. [N.J.A.C. 7:27-8.13(a)]
 12. The permittee shall maintain all records required in the permit for a period of five (5) calendar years. [N.J.A.C. 7:27-8.13(a)]
 13. The Department may change the conditions of approval of any approved certificate to operate at the time of renewal of a temporary operating certificate; at the time of approval or renewal of a five-year operating certificate; or at any time during the period a certificate is in effect, if the Department determines that such change is necessary to protect human health or welfare or the environment. [N.J.A.C. 7:27-8.13(b)]
 14. Upon request of the Department, the permittee shall submit to the Department information relevant to the operation of equipment and control apparatus including all information specified at N.J.A.C. 7:27-8.13(c). [N.J.A.C. 7:27-8.13(c)]
 15. If the conditions of a preconstruction permit or certificate to operate require the Department to incur any of the following charges, the permittee shall reimburse the Department for the full amount of these charges: (1) The charges billed by any phone company for the maintenance of a dedicated telephone line required by this permit or the certificate to operate for the electronic transmission of data; or (2) The charges billed by any laboratory for performing the analysis of audit samples collected pursuant to testing or monitoring required by this permit or the certificate to operate. [N.J.A.C. 7:27-8.13(g)]
 16. Any failure to comply with the operating requirements or exceedance of emission concentrations specified in a preconstruction permit shall be reported within three (3) business days by calling the Environmental Action Hotline at (877) 927-6337 AND in writing to the Regional Enforcement Office within 30 days of the failure or exceedance. [N.J.A.C. 7:27-8.13(h)]
 17. The permittee shall, when requested by the Department, provide such testing facilities exclusive of instrumentation and sensing devices as may be necessary for the Department to determine the kind and amount of air contaminants emitted from the equipment or control apparatus. The testing facilities shall include the utilities, the structure to hold testing equipment and/or personnel, and any ports in stacks needed to carry out testing required by this permit. During testing by the Department, the equipment and control apparatus shall be operated under such conditions within their capacities as may be requested by the Department. The

test facilities may be either permanent or temporary, at the discretion of the person responsible for their provision, and shall conform to all applicable laws, regulations, and rules concerning safe construction and safe practice. Testing facilities, which contain platforms and other means of personnel access, shall conform to OSHA standards. [N.J.A.C. 7:27-8.13(i)]

18. Upon request of the Department, the permittee shall submit to the Department any record relevant to any permit or certificate. Such records shall be submitted to the Department within thirty (30) days of the request by the Department or within a longer time period if approved in writing by the Department. [N.J.A.C. 7:27-8.15(a)]
19. A permittee shall submit any required report in a format and on a schedule approved by the Department. Such report shall be transmitted on paper, by hand delivery, on computer disk, or electronically, at the discretion of the Department. [N.J.A.C. 7:27-8.15(b)]
20. Any report submitted to the Department, including but not limited to, a report submitted as an amendment of this permit or the certificate to operate pursuant to N.J.A.C. 7:27-8.3(c) shall include, as an integral part of the report, certifications complying with N.J.A.C. 7:27-1.39.
21. Upon request of the Department, the permittee shall report on forms obtained from the Department the air contaminant actual emissions and information relevant thereto, of any air contaminant or category of air contaminant emitted by the equipment, control apparatus, or source operation. [N.J.A.C. 7:27-8.15(d)]
22. Any emission limit values in a preconstruction permit shall be interpreted to be followed by inherent trailing zeros (0) in the decimal portion of the limit to three significant figures (e.g. a printed limit of "1 lb/hr" means a limit of "1.00 lb/hr").
23. This listing of requirements reflects the state rules and regulations that apply to a majority of sources. If a specific requirement in a rule or regulation that applies to a permittee is not included in this section or in the "Facility Specific Requirements" it does not relieve the permittee from the obligation to comply with that regulation.
24. The following Department offices may be referenced in a preconstruction permit. Please use the following addresses when submitting any correspondence to these offices:

Emission Measurement Section
Mail Code: 09-01, P.O. Box 420
Trenton, NJ 08625-0420

Central Regional Enforcement Office
Mail Code: 22-03A; P.O. Box 420
Trenton, NJ 08625-0420

Northern Regional Enforcement Office
7 Ridgedale Avenue
Cedar Knolls, NJ 07927

Southern Regional Enforcement Office
2 Riverside Drive – Suite 201
Camden, NJ 08103

25. In accordance with N.J.A.C. 7:27-8.13(e), facilities are subject to 4 billable compliance inspections over the life of the Operating Certificate. Facilities will be invoiced for a service fee per inspection pursuant to N.J.A.C. 7:27-8.6 after the periodic compliance inspection is conducted.
26. The permittee shall pay fees to the Department pursuant to N.J.A.C.7:27-8.

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section D

Facility Name: ALLEGRO SANITATION CORP

Facility ID No.: 12667

Permit Activity No.: PCP220001

PERMIT INFORMATION

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FACILITY SPECIFIC REQUIREMENTS

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FACILITY PROFILE (GENERAL)

EQUIPMENT INVENTORY

CONTROL DEVICE INVENTORY

EMISSION POINT INVENTORY

EMISSION UNIT/BATCH PROCESS INVENTORY

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section D

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New Jersey Department of Environmental Protection
Facility Specific Requirements

Subject Item: FC

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	The Permittee shall not cause, suffer, or allow to emit into the outdoor atmosphere substances in quantities which shall result in air pollution as defined at N.J.A.C. 7:27-5.1. [N.J.A.C. 7:27- 5]	None.	None.	None.
2	The permittee shall not suffer, allow, or permit any air contaminant detectable by the sense of smell to be present in the outdoor atmosphere in such quantity and duration which is, or tends to be, injurious to human health or welfare, animal or plant life or property, or would unreasonably interfere with the enjoyment of life or property. This shall not include an air contaminant which occurs only in areas over which the permittee has exclusive use or occupancy. In determining whether an odor unreasonably interferes with the enjoyment of life or property, the Department shall consider all of the relevant facts and circumstances, including, but not limited to, the character, severity, frequency, and duration of the odor, and the number of persons affected thereby. In considering these and other relevant facts and circumstances, no one factor shall be dispositive, but each shall be considered relevant in determining whether an odor interferes with the enjoyment of life and property, and, if so, whether such interference is unreasonable considering all of the circumstances. [N.J.A.C. 7:27- 8.3(j)]	None.	None.	None.

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
3	Process monitors must be operated at all times when the associated process equipment is operating except during outage time allowed by Department guidelines/procedures or as outlined in Technical Manual 1005. [N.J.A.C. 7:27-8.13(a)]	None.	Other: Keep records of parameters monitored by the process monitor(s) as instructed by the Department's guidelines/procedures or as outlined in Technical Manual 1005. [N.J.A.C. 7:27-8.13(d)].	None.
4	The permittee shall meet all requirements of the approved source emissions testing and monitoring protocol during the term of the preconstruction permit. Whenever the permittee makes a replacement, modification, change or repair of a certified CEMS or COMS that may significantly affect the ability of the system to accurately measure or record data, the permittee must recertify the CEMS or COMS in accordance with Section V.B. and Appendix E of Technical Manual 1005. The permittee is responsible for contacting the Emission Measurement Section to determine the need for recertification and/or to initiate the recertification process. The permittee is responsible for any downtime associated with the replacement, modification, change or repair of the CEMS or COMS. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
5	A person who causes a release of air contaminants in a quantity or concentration which poses a potential threat to public health, welfare or the environment or which might reasonably result in citizen complaints shall immediately notify the department. A person who fails to so notify the department is liable to the penalties and procedures prescribed in this section. [N.J.S.A. 26: 2C-19(e)]	None.	None.	Notify by phone: Upon occurrence of event. The Permittee shall immediately notify the Department of any non-compliance by calling the Environmental Action Hotline at (877) 927-6337. [N.J.S.A. 26: 2C-19(e)]

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
6	<p>The permittee is required to submit annual emission statements of their actual emissions if the Potential-to-emit for the entire facility equals to or exceeds any of the following thresholds (including all emissions from the facility, both permitted and unpermitted). Additional information about Emission Statement reports can be obtained by calling (609) 984-5483.</p> <p>Air Contaminant Threshold in Tons per Year:</p> <p>VOC: 10 tons per year NOx: 25 tons per year CO: 100 tons per year SO2: 100 tons per year TSP: 100 tons per year PM2.5: 100 tons per year PM10: 100 tons per year Ammonia (NH3): 100 tons per year Lead(Pb): 5 tons per year</p> <p>[N.J.A.C. 7:27-21]</p>	None.	None.	None.

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	<p>The permittee is required to submit a Title V Operating Permit application, within one year, if the potential-to-emit for the entire facility equal to or exceeds any of the following thresholds (including all emissions from the facility, both permitted and unpermitted). Additional information about Operating Permits can be obtained by calling the Operating Permit Hotline at (609) 633 - 8248.</p> <p>Air Contaminant Threshold in Tons per Year:</p> <p>CO: 100 tons per year PM10: 100 tons per year PM2.5: 100 tons per year TSP: 100 tons per year SO2: 100 tons per year SO2 (as a PM2.5 precursor): 100 tons per year NOx: 25 tons per year NOx (as a PM2.5 precursor): 100 tons per year VOC: 25 tons per year Lead: 10 tons per year Any HAP: 10 tons per year All HAPs collectively: 25 tons per year Any other air contaminant, except CO2: 100 tons per year [N.J.A.C. 7:27-22]</p>	None.	None.	None.
8	<p>Potential to Emit (PTE) of all other air contaminants, not listed in this permit, shall be below their respective reporting thresholds for contaminants listed as N.J.A.C. 7:27-8, Appendix I, Table A, and N.J.A.C. 7:27-17.9(a), as applicable. [N.J.A.C. 7:27- 8.13(h)]</p>	None.	None.	None.
9	<p>The Department and its authorized representatives shall have the right to enter and inspect any facility subject to N.J.A.C. 7:27-8, or portion thereof. [N.J.A.C. 7:27- 1.31]</p>	None.	None.	None.

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
10	Continuous recording for process monitors must be at a sufficient frequency and resolution to be able to document compliance or non-compliance in accordance with Technical Manual 1005 for CEMS (TM1005(B)(3)). [N.J.A.C. 7:27-8.13(a)]	None.	None.	None.
11	Consistent with EPA's National Stack Testing Guidance and Technical Manual 1004, a facility may not stop an ongoing stack test because it would have failed the test unless the facility also ceases operation of the equipment in question to correct the issue. Stopping an ongoing stack test in these instances will be considered credible evidence of emissions non-compliance. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
12	All information provided in the application as well as the information related to the application included as Attachments to the application shall be considered as a part of the permit and is subject to enforcement. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
13	Any information contained in an approved application and any condition of approval thereof, are subject to enforcement. This includes the following application information, which shall constitute maximum allowable limits, unless the Department establishes other limits in the conditions of approval: 1. Rates of emission of each air contaminant and each category of air contaminant listed; 2. Total hours of operation per time period; and 3. Any rate of production. [N.J.A.C. 7:27-8.13(h)]	None.	None.	None.

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U10 Solid Waste Transfer Station

Subject Item: CD1004 Particulate Filter

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Pressure Drop ≥ 0.09 and Pressure Drop ≤ 5.2 inches w.c.. [N.J.A.C. 7:27- 8.13(h)]	Pressure Drop: Monitored by pressure drop instrument continuously, based on an instantaneous determination. The permittee shall install a pressure gauge to monitor the pressure drop across the filters. An alarm or other operational warning system shall be installed and shall be designed to sound when the pressure drop is less than or greater than the permitted operating ranges are detected. [N.J.A.C. 7:27- 8.13(d)]	Pressure Drop: Recordkeeping by manual logging of parameter or storing data in a computer data system daily. The permittee shall record a pressure drop reading each day during operation. [N.J.A.C. 7:27- 8.13(d)]	None.
2	The permittee shall maintain the control device according to the manufacturer specifications [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
3	The permittee shall conduct cleaning, maintenance and replacement on a schedule necessary to achieve the required particulate removal efficiency as specified by the manufacturer. [N.J.A.C. 7:27- 8.13(a)]	None.	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The permittee shall record each instance of cleaning, maintenance, and filter replacement. [N.J.A.C. 7:27- 8.13(d)3]	None.
4	The permittee shall replace the filters when the differential pressure across the filter elements is greater than 5.2 inches w.c. based on manufacturers specifications. [N.J.A.C. 7:27- 8.13(h)]	None.	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The permittee shall record each instance of filter replacement. [N.J.A.C. 7:27- 8.13(d)]	None.

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U10 Solid Waste Transfer Station

Subject Item: CD1005 Carbon Filter

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	The permittee shall check the carbon media for carbon breakthrough and the carbon filters shall be replaced when whichever occurs first: 1- breakthrough occurs based on carbon media testing by a certified laboratory once every two years, OR, 2- if the equipment causes an air contaminant to be detectable by the sense of smell to be present in the outdoor atmosphere in such quantity or duration which is, or tends to be injurious to human health or welfare, animal or plant life or property, or would unreasonably interfere with the enjoyment of life or property based on fenceline monitoring each month during operation. [N.J.A.C. 7:27- 8.3(b)]	Other: The permittee shall inspect the carbon filter each month during operation to ensure that odors are not detectable by sense of smell at the fenceline. Inspections shall be conducted downwind from the emission point at the property boundary. Breakthrough monitoring shall be conducted by certified laboratory analysis once every two years. The test method for determining breakthrough of the carbon media shall be a current and applicable to the carbon media and the contaminants in the waste stream.[N.J.A.C. 7:27- 8.13(d)2].	Other: Each month during operation, the permittee shall record the time, date, location, and pass/fail result of the fenceline odor monitoring as well as the wind speed and temperature at the time of the test. Every two years during operation, the permittee shall record the results of the carbon breakthrough laboratory testing. Upon the occurrence of each event, the permittee shall record the time and date of the replacement of the carbon panels.[N.J.A.C. 7:27- 8.13(d)3].	None.
2	Saturated or partially used adsorption material shall be disposed of in a manner that minimizes releases of air contaminants to the atmosphere. This shall be done in accordance with all applicable State and Federal solid waste management regulations.[N.J.A.C. 7:27- 8.3(b)]	None.	None.	None.
3	The permittee shall conduct cleaning, maintenance and replacement on a schedule necessary to achieve the required control device removal efficiency as specified by the manufacturer. [N.J.A.C. 7:27- 8.13(a)]	None.	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The permittee shall record each instance of cleaning, maintenance, and filter replacement. [N.J.A.C. 7:27- 8.13(d)3]	None.

PCP220001

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U10 Solid Waste Transfer Station

Operating Scenario: OS Summary

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	The particulate and odor control system shall be in operation at all times that the transfer station is in operation. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
2	The transfer station shall be operated in such a manner that all air contaminant emissions that are generated are directed to the ventilators and associated air pollution control systems. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
3	The doors to the transfer station shall remain closed at all times unless personnel, equipment, or trucks are entering or exiting the building, or at such times where the facility can demonstrate negative pressure based on measured inward velocity as described Ref# 5. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
4	Total Production Rate <= 1,000 tons/day. The Facility is allowed to process (receive and ship) only Type 10, 13, 13C, 23, and 27 waste types as defined in NJAC 7:26-2.13. [N.J.A.C. 7:27- 8.13(h)]	Total Production Rate: Monitored by waste feed/charge rate monitoring (solid) each hour during operation. The total production rate shall be monitored by material balance on an hourly basis. [N.J.A.C. 7:27- 8.13(d)]	Total Production Rate: Recordkeeping by manual logging of parameter or storing data in a computer data system daily. The permittee shall maintain records of the quantity and type of waste processed. [N.J.A.C. 7:27- 8.13(d)]	None.

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
5	The permittee shall operate the facility under negative pressure. [N.J.A.C. 7:27- 8.13(1)]	Monitored by other method (provide description) daily. The facility shall use a portable anemometer to monitor and ensure that the transfer station building is operating under negative pressure. The readings shall be taken at each opening (readings measured in the top and bottom one third (1/3) of the openings) on a daily basis. The anemometer shall be calibrated and maintained in accordance with the manufacturer's recommendations. The facility shall develop and maintain a Monitoring Plan on site that includes the model specifications of the portable anemometer including the range of values the instrument is capable of reading in feet/minute that will insure that negative pressure exists in the facility. The Plan shall include measurement procedures that detail the locations of the readings to be taken and the proper instrument orientations. [N.J.A.C. 7:27- 8.13(h)]	Recordkeeping by manual logging of parameter or storing data in a computer data system daily. The readings shall be taken daily at each opening by on-site personnel and all records including the anemometer calibrations shall be kept and maintained on-site for at least five years and made readily available upon request by the Department. [N.J.A.C. 7:27- 8.13(h)]	None.
6	No contaminated soils with VOC's or hydrocarbons shall be received and/or processed by the facility. [N.J.A.C. 7:27- 8.13]	None.	None.	None.

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	There shall be no visible emissions, exclusive of condensed water vapor. [N.J.A.C. 7:27- 8.13(a)]	Other: Conduct visual inspections each month during operation during daylight hours to determine if the stack has visible emissions, other than condensed water vapor. [N.J.A.C. 7:27- 8.13(d)].	Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. The permittee shall manually log in a permanently bound log book and retain the following records: (1) Date and time of each observation; (2) Emission Point (PT) number; (3) Observed results and conclusions; (4) Description of corrective action taken, if needed; (5) Date and time opacity problem was solved, if applicable; (6) Results of opacity reading in accordance with N.J.A.C. 7:27B-2, if conducted; and and (7) Name of person(s) conducting the inspection. [N.J.A.C. 7:27- 8.13(d)3]	Other (provide description): Other. If visible emissions are observed: (1) Verify the equipment and/or control device causing visible emissions is operating according to manufacturer's specifications. If it is not operating properly, take corrective action immediately to eliminate the excess emissions. (2) If the visible emissions problem is not corrected within 24 hours, a certified opacity reader shall perform an opacity observation, in accordance with N.J.A.C. 7:27B-2 each day until the opacity problem is successfully corrected. . [N.J.A.C. 7:27- 8.13(d)4]
8	PM-10 (Total) <= 0.63 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
9	TSP <= 1.65 tons/yr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.

PCP220001

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U10 Solid Waste Transfer Station**Operating Scenario:** OS1 Solid Waste Transfer Station Tipping Floor

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 0.14 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
2	PM-10 (Total) <= 0.067 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.

PCP220001

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U10 Solid Waste Transfer Station
Operating Scenario: OS2 Four sorting system conveyors

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 0.16 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
2	PM-10 (Total) <= 0.06 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.

PCP220001

**New Jersey Department of Environmental Protection
Facility Specific Requirements****Emission Unit:** U10 Solid Waste Transfer Station**Operating Scenario:** OS3 Recyclable Material Baler

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 0.34 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
2	PM-10 (Total) <= 0.11 lb/hr. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.

New Jersey Department of Environmental Protection
Reason for Application

Permit Being Modified

Permit Class: PCP **Number:** 70001

Description of Modifications: This Preconstruction Permit/Certificate to Operate Control Apparatus and/or Equipment (Air Permit) Modification was prepared in support of the existing Air Pollution Control System, permitted under the NJDEP, Division of Air Quality, Bureau of Stationary Sources, (Facility ID: 12667, Permit ID: PCP 070001) located at Allegro Sanitation Corporation's (Allegro) Solid Waste Transfer Station/Material Recovery and Recycling Facility (TS/MRF).

Allegro has proposed an increase of daily operating capacity from 500 tons/day to a maximum of 1,000 tons/day and adjustment of its processing duration to 16 hours per operating day. To date, this increase of daily operating capacity and processing duration has been included within a final Solid Waste Facility Permit (Facility ID: 132250, Permit No.: TRP180001) dated February 9, 2022 which contains Condition 54 requiring certification of the capacity increase through modification of the existing Air Permit.

Updated emissions calculations have been prepared to accommodate the Facility capacity and processing duration adjustments. During the preparation of these calculations, the number of transfer points used to model Tipping Floor operations (E1001) is depicted within the attached Operations Layout and Air Pollution Control Transfer Point Plan (7). The processing duration included within the updated emissions calculations (16 hours/day) represents a reduction from the value used within the prior emissions calculations (20 hours/day), to match the hours included within the final Solid Waste Facility Permit.

As requested by NJDEP, E1002 (Conveyors) and E1003 (Baler) have been added to the equipment inventory and modeled separately in accordance with AP-42 Section 11.19.2. E1002 and E1003 represent existing equipment at the Facility that was previously modeled as transfer points within the E1001 particulate generation estimates. This application does not propose any modification to the existing material handling equipment within the Transfer Station Building, but provides more detail for the equipment inventory as requested by NJDEP.

This Air Permit Modification also requests an update of the initial pressure drop operational range for CD1004 Particulate Filter (U10, CD1004, Ref.#1), to reflect the initial resistance calculations provided by the particulate filter manufacturer and to accommodate the accuracy tolerance of the installed pressure gauge. Supporting calculations and the manufacturer's performance curves are attached to this Modification.

New Jersey Department of Environmental Protection
Facility Profile (General)

Facility Name (AIMS): Allegro Sanitation Corporation

Facility ID (AIMS): 12667

Street 278 SEACAUCUS RD
Address: SEACAUCUS, NJ 07094

Mailing 278 SEACAUCUS RD
Address: SEACAUCUS, NJ 07094

County: Hudson
Location Block 62, Lot 7.01
Description:

State Plane Coordinates:	
X-Coordinate:	594,797
Y-Coordinate:	689,840
Units:	Feet
Datum:	NAD83
Source Org.:	DEP-GIS
Source Type:	Approx. Addr. Match

Industry:	
Primary SIC:	4953
Secondary SIC:	
NAICS:	562998

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: Air Permit Information Contact

Organization: Allegro Sanitation Corporation

Org. Type: Corporation

Name: Michelle Milano-Emilio

NJ EIN: 22180122000

Title: Chief Financial Officer

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Other: () - x

Type:

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Organization: Allegro Sanitation Corporation

Org. Type: Corporation

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New Jersey Department of Environmental Protection
Facility Profile (General)

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Type:

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Contact Type: Consultant

Organization: Cornerstone Environmental Group, LLC

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New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: County Govt Officer

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Contact Type: Emergency Responder

Organization: Allegro Sanitation Corporation

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Contact Type: Emission Statements

Organization: Allegro Sanitation Corporation

Name: Nicholas Milano

Title: President

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Type:

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NJ EIN: 22180122000

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New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: Environmental Officer

Organization: Allegro Sanitation Corporation

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Title: President

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Fax: (201) 863-7890 x

Other: () - x

Type:

Email:

Org. Type: Corporation

NJ EIN: 22180122000

Mailing Address: 278 Secaucus Road
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Contact Type: EPA Official

Organization: Allegro Sanitation Corporation

Name: Nicholas Milano

Title: President

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Fax: (201) 863-7890 x

Other: () - x

Type:

Email:

Org. Type: Corporation

NJ EIN: 22180122000

Mailing Address: 278 Secaucus Road
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Contact Type: Fees/Billing Contact

Organization: Allegro Sanitation Corporation

Name: Michelle Milano-Emilio

Title: Chief Financial Officer

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Other: () - x

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Org. Type: Corporation

NJ EIN: 22180122000

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New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: General Contact

Organization: Allegro Sanitation Corporation

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Org. Type: Corporation

NJ EIN: 22180122000

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Contact Type: Interested Party

Organization: Allegro Sanitation Corporation

Name: Nicholas Milano

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Type:

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New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: On-Site Manager

Organization: Allegro Sanitation Corporation

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Title: President

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Other: () - x

Type:

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Org. Type: Corporation

NJ EIN: 22180122000

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Contact Type: Operator

Organization: Allegro Sanitation Corporation

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Title: Chief Financial Officer

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Other: () - x

Type:

Email: memilio@allegrosanitation.com

Org. Type: Corporation

NJ EIN: 22180122000

Mailing Address: 278 Secaucus Road
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Contact Type: Owner (Current Primary)

Organization: Allegro Sanitation Corporation

Name: Michelle Milano-Emilio

Title: Chief Financial Officer

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Other: () - x

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Org. Type: Corporation

NJ EIN: 22180122000

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New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: Regulation Officer

Organization: Allegro Sanitation Corporation

Name: Nicholas Milano

Title: President

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Fax: (201) 863-7890 x

Other: () - x

Type:

Email:

Org. Type: Corporation

NJ EIN: 22180122000

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Contact Type: Responsible Official

Organization: Allegro Sanitation Corporation

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Type:

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NJ EIN: 22180122000

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**New Jersey Department of Environmental Protection
Equipment Inventory**

Equip. NJID	Facility's Designation	Equipment Description	Equipment Type	Certificate Number	Install Date	Grand- Fathered	Last Mod. (Since 1968)	Equip. Set ID
E1	Tran Station	Solid Waste Transfer Station	Manufacturing and Materials Handling Equipment		3/15/2007	No		
E2	Conveyors	Sorting System Conveyors (4)	Manufacturing and Materials Handling Equipment		5/12/2012	No		
E3	Baler	Recyclable Material Baler	Manufacturing and Materials Handling Equipment		3/15/2007	No		

12667 ALLEGRO SANITATION CORP PCP220001 E1 (Manufacturing and Materials Handling Equipment)
Print Date: 12/13/2022

Make:	Custom
Manufacturer:	Custom
Model:	Custom
Type of Manufacturing and Materials Handling Equipment:	Tipping Floor Operations
Capacity:	1.60E+02
Units:	other units
Description (if other):	tons/hour
Have you attached a diagram showing the location and/or the configuration of this equipment?	Yes
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

12667 ALLEGRO SANITATION CORP PCP220001 E2 (Manufacturing and Materials Handling Equipment)
Print Date: 12/13/2022

Make:	Dry Waste Sorting System
Manufacturer:	Erin
Model:	Site Specific
Type of Manufacturing and Materials Handling Equipment:	Conveyor
Capacity:	6.00E+01
Units:	other units
Description (if other):	tons/hour
Have you attached a diagram showing the location and/or the configuration of this equipment?	Yes
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	Yes
Comments:	

12667 ALLEGRO SANITATION CORP PCP220001 E3 (Manufacturing and Materials Handling Equipment)
Print Date: 12/13/2022

Make:	HRB
Manufacturer:	Harris Equipment
Model:	HRB-1045
Type of Manufacturing and Materials Handling Equipment:	Baler
Capacity:	6.00E+01
Units:	other units
Description (if other):	tons/hour
Have you attached a diagram showing the location and/or the configuration of this equipment?	Yes
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	Yes
Comments:	

ALLEGRO SANITATION CORP (12667)
PCP220001

Date: 6/13/2023

New Jersey Department of Environmental Protection
Control Device Inventory

CD NJID	Facility's Designation	Description	CD Type	Install Date	Grand-Fathered	Last Mod. (Since 1968)	CD Set ID
CD1004	Filter #1	Particulate Filter	Particulate Filter (Cartridge)	2/15/2007	No		
CD1005	Filter #2	Carbon Filter	Adsorber	2/15/2007	No		

12667 ALLEGRO SANITATION CORP PCP220001 CD1004 (Particulate Filter (Cartridge))
Print Date: 4/14/2023

Make: Optiflo
Manufacturer: AAF International
Model: 4RC128
Number of Cartridges: 128
Size of Cartridges (ft²): 206.00
Total Cartridge Area (ft²): 10,000.00
Maximum Design Temperature Capability (°F): 180.0
Maximum Design Air Flow Rate (acfm): 64,000.0
Maximum Air Flow Rate to Filter Area Ratio: 1.82
Minimum Operating Pressure Drop (in. H₂O): 0.09
Maximum Operating Pressure Drop (in. H₂O): 5.20
Maximum Inlet Temperature (°F): 100.0
Maximum Operating Exhaust Gas Flow Rate (acfm): 64,000.0

Method for Determining When Cartridge Replacement is Required:

Pressure exceeds 5.2 in W.C.

Maximum Number of Sources Using this Apparatus as a Control Device (Include Permitted and Non-Permitted Sources):

3

Alternative Method to Demonstrate Control Apparatus is Operating Properly:

Dust Emission in Exhaust Air From Dust/Odor Control System

Have you attached a Particle Size Distribution Analysis?

☐ Yes ☒ No

Have you attached data from recent performance testing?

☐ Yes ☒ No

Have you attached any manufacturer's data or specifications in support of the feasibility and/or effectiveness of this control apparatus?

☒ Yes ☐ No

Have you attached a diagram showing the location and/or configuration of this control apparatus?

☒ Yes ☐ No

Comments:

Control Device already permitted

12667 ALLEGRO SANITATION CORP PCP220001 CD1005 (Adsorber)
Print Date: 4/14/2023

Make:	Carbon Housing
Manufacturer:	American Air Filter
Model:	6W x 6H Carbon Housing
Adsorber Type:	FN
Description:	
Maximum Gas Flow Rate to Adsorber (acfm):	64000
Maximum Temperature of Vapor Stream to Adsorber (°F):	120
Minimum Temperature of Vapor Stream to Adsorber (°F):	-20
Minimum Moisture Content of Vapor Stream to Adsorber (%):	1
Type of Adsorbant:	activated carbon
Bed Height:	1
Bed Length:	2
Bed Width:	2
Units:	Feet
Other Bed Dimension:	
Value:	
Units:	
Minimum Pressure Drop Across Adsorbant (in. H2O):	0.35
Maximum Pressure Drop Across Adsorber (in. H2O):	0.35
Total Weight of Adsorbant (lbs):	4320
Total Weight of Adsorbant When Saturated (lbs):	6172
Maximum Adsorbant Capacity (lbs Adsorbate/lbs Adsorbant):	0.3
Minimum Adsorbant Capacity (lbs Adsorbate/lbs Adsorbant):	0.2
Set-up Type:	Parallel
Method of Determining Breakthrough (check all that apply):	
Continuous Emissions Monitor (CEM):	<input type="checkbox"/>
Replacement By Weight:	<input type="checkbox"/>
Periodic Testing:	<input checked="" type="checkbox"/>
Sampling Frequency:	every two years
Sampling Device:	propane adsorption test
Other:	<input checked="" type="checkbox"/>
Description:	every three months, check by the sense of smell
Minimum Concentration at Breakthrough (ppmvd):	
Handling Method of Saturated Adsorbant:	Disposed of off-site
Method of Regeneration:	

Maximum Number of Sources
Using this Apparatus as a Control
Device (Include Permitted and
Non-Permitted Sources):

10

Alternative Method to Demonstrate
Control Apparatus is Operating
Properly:

Odor in Exhaust, Air from Dust Odor, Control System

Have you attached data from
recent performance testing?

☐ Yes ☒ No

Have you attached any
manufacturer's data or
specifications in support of the
feasibility and/or effectiveness of
this control apparatus?

☐ Yes ☒ No

Have you attached a diagram
showing the location and/or
configuration of this control
apparatus?

☒ Yes ☐ No

Comments:

ALLEGRO SANITATION CORP (12667)
PCP220001

Date: 6/13/2023

New Jersey Department of Environmental Protection
Emission Points Inventory

PT NJID	Facility's Designation	Description	Config.	Equiv. Diam. (in.)	Height (ft.)	Dist. to Prop. Line (ft)	Exhaust Temp. (deg. F)			Exhaust Vol. (acfm)			Discharge Direction	PT Set ID
							Avg.	Min.	Max.	Avg.	Min.	Max.		
PT1001	EF-1	Air Handling Unit Exhaust	Round	60	30	15	70.0	25.0	120.0	64,000.0	64,000.0	64,000.0	Up	

ALLEGRO SANITATION CORP (12667)
PCP220001

Date: 6/13/2023

New Jersey Department of Environmental Protection
Emission Unit/Batch Process Inventory

U 10 Tran Station Solid Waste Transfer Station

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours		VOC Range	Flow (acfm)		Temp. (deg F)	
								Min.	Max.		Min.	Max.	Min.	Max.
OS1	Tran Station	Solid Waste Transfer Station Tipping Floor	Normal - Steady State	E1	CD1004 (P) CD1005 (S)	PT1001		5,000.0	8,760.0		64,000.0	64,000.0	0.0	120.0
OS2	Conveyors	Four sorting system conveyors	Normal - Steady State	E2	CD1004 (P) CD1005 (S)	PT1001		5,000.0	8,760.0		64,000.0	64,000.0	0.0	120.0
OS3	Baler	Recyclable Material Baler	Normal - Steady State	E3	CD1004 (P) CD1005 (S)	PT1001		5,000.0	8,760.0		64,000.0	64,000.0	0.0	120.0

12667 ALLEGRO SANITATION CORP PCP220001 U10 OS1 (Gas Flow)
Print Date: 12/13/2022

Volume of Gas Discharged from
this source (acfm):

64,000.00

DRAFT

12667 ALLEGRO SANITATION CORP PCP220001 U10 OS1 (Efficiency Table - CD1004)

Print Date: 12/13/2022

Pollutant Category	Capture Efficiency (%)	Removal Efficiency (%)	Overall Efficiency (%)
CO			
HAP (Total)			
NOx			
Other (Total)			
PM-10	86	90	90
PM-2.5			
Pb			
SO2			
TSP	86	90	90
VOC (Total)			

12667 ALLEGRO SANITATION CORP PCP220001 U10 OS1 (Efficiency Table - CD1005)
 Print Date: 12/13/2022

Pollutant Category	Capture Efficiency (%)	Removal Efficiency (%)	Overall Efficiency (%)
CO			
HAP (Total)			
NOx			
Other (Total)	86	90	90
PM-10			
PM-2.5			
Pb			
SO2			
TSP			
VOC (Total)			

12667 ALLEGRO SANITATION CORP PCP220001 U10 OS2 (Gas Flow)
Print Date: 12/13/2022

Volume of Gas Discharged from
this source (acfm):

64,000.00

DRAFT

12667 ALLEGRO SANITATION CORP PCP220001 U10 OS2 (Efficiency Table - CD1004)
 Print Date: 12/13/2022

Pollutant Category	Capture Efficiency (%)	Removal Efficiency (%)	Overall Efficiency (%)
CO			
HAP (Total)			
NOx			
Other (Total)			
PM-10	86	90	90
PM-2.5			
Pb			
SO2			
TSP	86	90	90
VOC (Total)			

12667 ALLEGRO SANITATION CORP PCP220001 U10 OS2 (Efficiency Table - CD1005)

Print Date: 12/13/2022

Pollutant Category	Capture Efficiency (%)	Removal Efficiency (%)	Overall Efficiency (%)
CO			
HAP (Total)			
NOx			
Other (Total)	86	90	90
PM-10			
PM-2.5			
Pb			
SO2			
TSP			
VOC (Total)			

12667 ALLEGRO SANITATION CORP PCP220001 U10 OS3 (Gas Flow)
Print Date: 12/13/2022

Volume of Gas Discharged from
this source (acfm):

64,000.00

DRAFT

12667 ALLEGRO SANITATION CORP PCP220001 U10 OS3 (Efficiency Table - CD1004)

Print Date: 12/13/2022

Pollutant Category		Capture Efficiency (%)	Removal Efficiency (%)	Overall Efficiency (%)
CO	▼			
HAP (Total)	▼			
NOx	▼			
Other (Total)	▼			
PM-10	▼	86	90	90
PM-2.5	▼			
Pb	▼			
SO2	▼			
TSP	▼	86	90	90
VOC (Total)	▼			

12667 ALLEGRO SANITATION CORP PCP220001 U10 OS3 (Efficiency Table - CD1005)
 Print Date: 12/13/2022

Pollutant Category	Capture Efficiency (%)	Removal Efficiency (%)	Overall Efficiency (%)
CO			
HAP (Total)			
NOx			
Other (Total)	86	90	90
PM-10			
PM-2.5			
Pb			
SO2			
TSP			
VOC (Total)			