



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 3-3336-00022/00055  
Mod 0 Effective Date: 03/07/2017 Expiration Date: 03/06/2022  
Mod 1 Effective Date: 11/30/2017 Expiration Date: 03/06/2022

Permit Issued To: US DEPT OF THE ARMY  
THE PENTAGON  
WASHINGTON, DC 20310

Facility: US ARMY GARRISON  
IMNE-MIL-PWE-M|BLDG 667A RUGER RD  
WEST POINT, NY 10996

Contact: ENZO PALAU  
US ARMY GARRISON  
667 RUGER RD  
WEST POINT, NY 10996

Description:  
The facility is an educational institution and an active Army installation. Potential emissions of sulfur dioxide, oxides of nitrogen, carbon monoxide, and volatile organic compounds from the facility are above major source thresholds, as defined in 6NYCRR Part 201. Therefore, the facility is required to obtain a Title V permit.

The facility is an area source of hazardous air pollutants, which includes perchloroethylene. The potential to emit perchloroethylene is less than 10 tons per year.

Air emission sources at the facility include three boilers and an emergency generator at the Central Power Plant, two boilers and four perchloroethylene dry cleaning machines at the Laundry Plant, a paint spray booth at the Transportation Motor Pool, four gasoline dispensing sites, a landfill gas collection system, and various boilers and emergency generators throughout the facility.

Modification #1  
The modification is for adding new emission sources associated with the replacement of the Target Hill Wastewater Treatment Plant. Odors from the new plant will be controlled by three carbon adsorption units. Emission sources also include miscellaneous combustion sources. The modification is also for replacement of two diesel generators at the Athletic Department Maintenance Building.

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 3333600022**



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:           SCOTT BALLARD  
  NYSDEC - REGION 3  
  21 S PUTT CORNERS RD  
  NEW PALTZ, NY 12561-1696

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
  - 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 3 HEADQUARTERS



**DEC GENERAL CONDITIONS**

**\*\*\*\* General Provisions \*\*\*\***

**For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.**

**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 1-1: Applications for permit renewals, modifications and transfers**  
**Applicable State Requirement: 6 NYCRR 621.11**

**Item 1-1.1:**

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 1-1.2:**

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

**Item 1-1.3**

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 3 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

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 3333600022**



Region 3 Headquarters  
Division of Environmental Permits  
21 South Putt Corners Road  
New Paltz, NY 12561-1696  
(845) 256-3054

**New York State Department of Environmental Conservation**

Permit ID: 3-3336-00022/00055

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**Permit Under the Environmental Conservation Law (ECL)**

**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

**IDENTIFICATION INFORMATION**

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WASHINGTON, DC 20310

Facility: US ARMY GARRISON  
IMNE-MIL-PWE-M|BLDG 667A RUGER RD  
WEST POINT, NY 10996

Authorized Activity By Standard Industrial Classification Code:  
5541 - GASOLINE SERVICE STATIONS  
7532 - TOP AND BODY REPAIR AND PAINT SHOPS  
8069 - SPECIALTY HOSPITALS, EXCEPT PSYCHIATRIC  
8211 - ELEMENTARY AND SECONDARY SCHOOLS  
8221 - COLLEGES AND UNIVERSITIES, NEC  
9711 - NATIONAL SECURITY

Mod 0 Permit Effective Date: 03/07/2017

Permit Expiration Date: 03/06/2022

Mod 1 Permit Effective Date: 11/30/2017

Permit Expiration Date: 03/06/2022





## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.7: Recycling and Salvage
- 13 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 14 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 15 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 16 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 17 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 18 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 19 6 NYCRR 202-1.1: Required Emissions Tests
- 20 40 CFR Part 68: Accidental release provisions.
- 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 22 6 NYCRR Subpart 201-6: Emission Unit Definition
- 23 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 24 6 NYCRR 201-6.4 (g): Non Applicable requirements
- 25 6 NYCRR 211.1: Air pollution prohibited
- 26 6 NYCRR 225-1.2 (f): Compliance Certification
- 27 6 NYCRR 225-1.2 (g): Compliance Certification
- 28 6 NYCRR 227-1.3 (a): Compliance Certification
- 29 6 NYCRR 227-1.3 (a): Compliance Certification
- 30 6 NYCRR 227-2.5 (b): Compliance Certification
- 31 6 NYCRR 228-1.3 (a): Compliance Certification
- 32 6 NYCRR 230.2 (d) (2): Compliance Certification
- 33 6 NYCRR 230.2 (f): Compliance Certification
- 34 6 NYCRR 230.5 (a): Compliance Certification
- 35 6 NYCRR 230.5 (c): Gasoline Dispensing Sites - Recordkeeping and Reporting
- 36 6 NYCRR 230.7 (c): Registration Schedule
- 37 6 NYCRR 231-6.2: Compliance Certification
- 38 6 NYCRR 231-6.2: Compliance Certification
- 39 40CFR 60.48c(e)(11), NSPS Subpart Dc: Compliance Certification
- 40 40CFR 60, NSPS Subpart IIII: Compliance and Enforcement
- 41 40CFR 60, NSPS Subpart IIII: Compliance Certification
- 42 40CFR 60, NSPS Subpart JJJJ: Compliance and Enforcement



- 43 40CFR 60, NSPS Subpart JJJJ: Compliance Certification
- 44 40CFR 63.322(c), Subpart M: Federal standards -- dry cleaning facilities that use perc.
- 45 40CFR 63.322(i), Subpart M: Standard for draining cartridge filters.
- 46 40CFR 63.322(j), Subpart M: Standard for storing perc and perc-contaminated wastes.
- 47 40CFR 63.11116, NESHAP Subpart CCCCCC: Requirements for facilities with monthly throughput of less than 10,000 gallons of gasoline

**Emission Unit Level**

- 48 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 49 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 50 6 NYCRR 201-7.1: Emission Unit Permissible Emissions

**EU=1-WWTMP**

- 1-1 6 NYCRR 200.7: Compliance Certification
- 1-2 6 NYCRR 201-6.2 (d) (3) (xi): Compliance Certification
- 1-3 6 NYCRR 227-1.3 (a): Compliance Certification
- 1-4 6 NYCRR 231-6.2: Compliance Certification

**EU=1-WWTMP,Proc=CGN,ES=COGEN**

- 1-5 40CFR 60, NSPS Subpart JJJJ: Compliance Certification

**EU=1-WWTMP,Proc=FLR,ES=FLAR1**

- 1-6 6 NYCRR 201-6.4 (b): Compliance Certification

**EU=1-WWTMP,Proc=MCS,ES=WWEDG**

- 1-7 6 NYCRR 201-6.4 (b): Compliance Certification
- 1-8 40CFR 60, NSPS Subpart IIII: Compliance Certification

**EU=U-1202G**

- 51 40CFR 63.11118, Subpart CCCCCC: Compliance Certification
- 52 40CFR 63.11120, Subpart CCCCCC: Compliance Certification

**EU=U-1940P**

- 53 6 NYCRR 228-1.3 (b) (1): Compliance Certification
- 54 6 NYCRR 228-1.3 (d): Surface Coating - Handling, storage and disposal
- 55 6 NYCRR 228-1.3 (e): Surface Coating- application requirements
- 56 6 NYCRR 228-1.4 (a): Compliance Certification
- 57 6 NYCRR 228-1.4 (a): Compliance Certification
- 58 6 NYCRR 228-1.4 (a): Compliance Certification
- 59 6 NYCRR 228-1.6 (a): Compliance Certification

**EU=U-604BL**

- \*60 6 NYCRR 201-7.1: Capping Monitoring Condition
- \*61 6 NYCRR 201-7.1: Capping Monitoring Condition
- 62 40CFR 60.44b(a)(1), NSPS Subpart Db: Compliance Certification
- 63 40CFR 60.46b(e), NSPS Subpart Db: Compliance Certification
- 64 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime
- 65 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
- 66 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification



**EU=U-604BL,EP=STK02**

- 67 6 NYCRR 227-1.3 (a): Compliance Certification
- 68 6 NYCRR 227-1.4 (b): Compliance Certification

**EU=U-604BL,EP=STK02,Proc=006**

- 69 6 NYCRR 227-1.2 (a) (1): Compliance Certification

**EU=U-604GN**

- \*70 6 NYCRR 201-7.1: Capping Monitoring Condition

**EU=U-700SC**

- 71 6 NYCRR 231-2.2 (b) (2): Compliance Certification
- 72 6 NYCRR 231-2.5: Compliance Certification
- 73 6 NYCRR 231-2.5: Compliance Certification
- 74 6 NYCRR 231-2.6: Compliance Certification

**EU=U-706GN**

- \*1-9 6 NYCRR 201-7.1: Capping Monitoring Condition

**EU=U-714BL**

- 76 6 NYCRR 227-2.4 (d): Compliance Certification
- 77 40CFR 60.48c(g)(2), NSPS Subpart Dc: Compliance Certification

**EU=U-847SC**

- \*78 6 NYCRR 201-7.1: Capping Monitoring Condition

**EU=U-950LF,EP=STK23,Proc=044**

- 79 6 NYCRR 201-6.4 (b): Compliance Certification

**EU=U-950LF,EP=STK23,Proc=044,ES=00175**

- 80 6 NYCRR 212-1.6 (a): Compliance Certification

**EU=U-KELL1**

- 81 6 NYCRR 231-11.2: Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 82 ECL 19-0301: Contaminant List
- 83 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 84 6 NYCRR 211.2: Visible Emissions Limited
- 1-10 6 NYCRR 212-2.3 (b): Compliance Demonstration
- 85 6 NYCRR 225-3.3: Compliance Demonstration
- 86 6 NYCRR 232.7 (a): Leak check requirements.
- 87 6 NYCRR 232.7 (b): System components which must be inspected weekly.
- 88 6 NYCRR 232.7 (c): Leak inspection and self monitoring requirements
  - monitoring carbon adsorber vents.
- 89 6 NYCRR 232.7 (g): Leak detection and self monitoring requirements
  - equipment repair.
- 90 6 NYCRR 232.8: Operation and maintenance requirements that are applicable to all dry cleaning facilities that use perchloroethylene are incorporated into this condition.

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- 91 6 NYCRR 232.8 (d) (7): Compliance Demonstration
- 92 6 NYCRR 232.12: Recording and record keeping.
- 93 6 NYCRR 232.18: Posting notice -- applicable for all dry cleaning facilities which use perchloroethylene.

**Emission Unit Level**

**EU=U-604BL,EP=STK02**

- 94 6 NYCRR 227-1.4 (a): Compliance Demonstration

**EU=U-845P3**

- 95 6 NYCRR 232.6 (a): Compliance Demonstration
- 96 6 NYCRR 232.6 (b) (1): Compliance Demonstration
- 97 6 NYCRR 232.8 (d) (1): Compliance Demonstration
- 98 6 NYCRR 232.8 (d) (1): Compliance Demonstration
- 99 6 NYCRR 232.14: Compliance Demonstration
- 100 6 NYCRR 232.16: Compliance Demonstration

NOTE: \* preceding the condition number indicates capping.



**FEDERALLY ENFORCEABLE CONDITIONS**  
**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**  
**The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.**

**Item A: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)**

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

**Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)**

Owners and/or operators of facilities having an issued Title V 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.

**Item C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)**

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

**Item D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)**

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

**Item E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)**

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and



reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

**Item F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)**

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

**Item G: Property Rights - 6 NYCRR 201-6.4 (a) (6)**

This permit does not convey any property rights of any sort or any exclusive privilege.

**Item H: Severability - 6 NYCRR 201-6.4 (a) (9)**

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

**Item I: Permit Shield - 6 NYCRR 201-6.4 (g)**

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;

ii. The liability of a permittee of the Title V



facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

**Item J: Reopening for Cause - 6 NYCRR 201-6.4 (i)**

This Title V permit shall be reopened and revised under any of the following circumstances:

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the department pursuant to the provisions of section 201- 6.6 of this Subpart.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit



is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

**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.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS  
SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES**

**The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.**

**Condition 1: Acceptable Ambient Air Quality  
Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement: 6 NYCRR 200.6**

**Item 1.1:**

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



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contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

**Condition 2: Fees**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (7)**

**Item 2.1:**

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (c)**

**Item 3.1:**

The following information must be included in any required compliance monitoring records and reports:

- (i) The date, place, and time of sampling or measurements;
- (ii) The date(s) analyses were performed;
- (iii)The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;
- (v) The results of such analyses including quality assurance data where required; and
- (vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

**Condition 4: Records of Monitoring, Sampling, and Measurement**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (2)**

**Item 4.1:**

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all



reports required by the permit.

**Condition 5: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (3) (ii)**

**Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 60 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements,

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the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual



report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 6: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (e)**

**Item 6.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 6.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

- i. Compliance certifications shall contain:
  - the identification of each term or condition of the permit that is the basis of the certification;
  - the compliance status;
  - whether compliance was continuous or intermittent;
  - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related record keeping and reporting requirements of this permit;
  - such other facts as the Department may require to determine the compliance status of the facility as



specified in any special permit terms or conditions;  
and  
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Stationary Source Compliance Section  
USEPA Region 2  
Air Compliance Branch  
290 Broadway  
New York, NY 10007-1866

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer  
NYSDEC  
21 South Putt Corners Road  
New Paltz, NY 12561-1696

The address for the BQA is as follows:

NYSDEC

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Bureau of Quality Assurance  
625 Broadway  
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 60 days after the reporting period.  
The initial report is due 11/29/2017.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 202-2.1**

**Item 7.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due by April 15th for previous calendar year

**Condition 8: Recordkeeping requirements**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 202-2.5**

**Item 8.1:**

(a) The following records shall be maintained for at least five years:

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

**Condition 9: Open Fires - Prohibitions**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 215.2**



**Item 9.1:**

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

**Item 9.2**

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS  
SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE**

**The following federally enforceable permit conditions are mandatory for all**



**Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.**

**[NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]**

**Condition 10: Maintenance of Equipment**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 10.1:**

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.

**Condition 11: Recycling and Salvage**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:6 NYCRR 201-1.7**

**Item 11.1:**

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

**Condition 12: Recycling and Salvage**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:6 NYCRR 201-1.7**

**Item 12.1:**

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

**Condition 13: Prohibition of Reintroduction of Collected Contaminants to the air**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:6 NYCRR 201-1.8**

**Item 13.1:**

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.

**Condition 14: Exempt Sources - Proof of Eligibility**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:6 NYCRR 201-3.2 (a)**





**Item 14.1:**

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

**Condition 15: Trivial Sources - Proof of Eligibility**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-3.3 (a)**

**Item 15.1:**

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

**Condition 16: Requirement to Provide Information**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (4)**

**Item 16.1:**

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

**Condition 17: Right to Inspect**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)**

**Item 17.1:**

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air



pollution control equipment), practices, and operations regulated or required under the permit;  
and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

**Condition 18: Off Permit Changes**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (6)**

**Item 18.1:**

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

**Condition 19: Required Emissions Tests**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 202-1.1**

**Item 19.1:**

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

**Condition 20: Accidental release provisions.**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:40 CFR Part 68**

**Item 20.1:**

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If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
  - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
  - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center  
C/O CSC  
8400 Corporate Dr  
Carrollton, Md. 20785

**Condition 21: Recycling and Emissions Reduction**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:40CFR 82, Subpart F**

**Item 21.1:**

The permittee shall comply with all applicable provisions of 40 CFR Part 82.

**The following conditions are subject to annual compliance certification requirements for Title V permits only.**

**Condition 22: Emission Unit Definition**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR Subpart 201-6**

**Item 22.1(From Mod 1):**

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

Emission Unit: 1-WWTMP

Emission Unit Description:

The new wastewater treatment plant includes primary, secondary, and tertiary wastewater treatment, and associated operations.

Building(s): HIP  
PRC  
PTF



SHB

**Item 22.2(From Mod 1):**

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

Emission Unit: U-706GN

Emission Unit Description:

Two diesel generators located at the Athletic Department Maintenance Building.

Building(s): 706

**Item 22.3(From Mod 0):**

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

Emission Unit: U-0GOLF

Emission Unit Description:

Two above ground storage tanks (500 gallon gasoline and 500 gallon diesel) are used to refuel golf carts and various maintenance equipment. The 500 gallon gasoline tank is equipped with stage I dedicated vapor balance.

**Item 22.4(From Mod 0):**

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

Emission Unit: U-1202G

Emission Unit Description:

This emission unit consists of a gasoline dispensing station and three 12,000 gallon gasoline underground storage tanks with stage I, submerged loading using a dedicated vapor balance system at the Army Air Force Exchange Service Station located at Building 1202.

Building(s): 1202

**Item 22.5(From Mod 0):**

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

Emission Unit: U-1900C

Emission Unit Description:

An emergency generator used for backup electric power at the US Military Academy Prep School.

Building(s): 950

**Item 22.6(From Mod 0):**

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

Emission Unit: U-1940G

Emission Unit Description:

Gasoline is dispensed to motor vehicles at the new Transportation Motor Pool. Equipment used includes one dispensing pump and one 10,000 gallon storage tank. Vapors are controlled by stage I submerged loading with dedicated vapor balance and stage II vapor recovery systems at the pumps.

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Building(s): 1946

**Item 22.7(From Mod 0):**

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

Emission Unit: U-1940P

Emission Unit Description:

This emission unit consists of a large, garage-type spray paint booth that has two exhaust stacks. The paint booth is used to paint sections of cars, whole cars, army tactical vehicles, trucks, and buses.

Building(s): 1940

**Item 22.8(From Mod 0):**

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

Emission Unit: U-293CS

Emission Unit Description:

The Transportation Motor Pool consists of five propane boilers to heat various buildings and five diesel generators for emergency power. The Motor Pool was relocated in 2010 to an area off of Route 293.

Building(s): 1940  
1946

**Item 22.9(From Mod 0):**

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

Emission Unit: U-604BL

Emission Unit Description:

This emission unit consists of 3 boilers located in the Central Power Plant. The Central Power Plant generates steam to provide heat to a number of buildings located in the central post area of West Point and also to provide electric power as necessary for use in indoor and outdoor areas throughout the post. The boilers at this location discharge through a single combined stack. Boiler #1 was replaced and became operational in January 2003. Boiler #2 was replaced and became operational in January 2005. Both of these boilers have a maximum rated heat input of 155.6 MMBTU/hr. Boilers #1 and #2 run on natural gas or no. 2 fuel oil as a backup. The two boilers are equipped with low NOx burners (COEN model #7755 dual delta NOx 24 burners). Boiler #3 is also equipped with a low NOx burner, and burns either natural gas (rated heat input capacity of 92.13 MMBTU/hr) or no. 2 fuel oil (rated heat input capacity of 97.13 MMBTU/hr) as a backup.

Building(s): 604

**Item 22.10(From Mod 0):**

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

Emission Unit: U-604GN

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Emission Unit Description:

This emission unit has been converted for use as an emergency generator only at the Central Power Plant. This generator will provide emergency power for the Central Power Plant (Building 604) and the headquarters (Building 600) during a disruption in electric utility service.

The generator will be used up to 500 hours per year. The generator is a Caterpillar Model 3512B rated at 1230 kilowatts and will burn diesel fuel only. The manufacturer performance guarantee for NOx is 29.35 pounds per hour during operation of the generator.

Building(s): 604

**Item 22.11(From Mod 0):**

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

Emission Unit: U-700SC

Emission Unit Description:

Three small boilers and three emergency generators are grouped together as one emission unit. These combustion sources are subject to 6NYCRR Part 231 New Source Review requirements, because they were constructed during a contemporaneous period with the Central Power Plant diesel generator (which has NOx emissions capped at 24.0 tons per year).

Building(s): 700  
701  
727  
806

**Item 22.12(From Mod 0):**

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

Emission Unit: U-714BL

Emission Unit Description:

This emission unit consists of 2 identical boilers each rated at 14.47 million BTU per hour. These boilers are used to provide heat to the Holleder Center, an athletic facility. Both boilers exhaust to a common stack. Normally, one boiler is on line and the other is operating in standby mode.

Building(s): 714

**Item 22.13(From Mod 0):**

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

Emission Unit: U-753GN

Emission Unit Description:

Two emergency generators located at the Science Center with total NOx emissions for both generators together limited to 4 tons per year.

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Building(s): 753

**Item 22.14(From Mod 0):**

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

Emission Unit: U-845BL

Emission Unit Description:

This unit consists of two boilers at the Laundry Plant. Each boiler was previously rated at 55.85 MMBTU/hr when burning fuel oil and 58.1 MMBTU/hr when burning natural gas. In 2002 the boilers were de-rated to 48.4 MMBTU/hr. In 2010 6NYCRR Subpart 227-2 was revised, and these boilers are now defined as mid-sized rather than small, but will retain their de-rated configuration. The boilers are used to provide heat and hot water to the Laundry Plant in Building 845, and supply steam to Buildings 719, 759, 781, 793, 845, 817, USMA prep school, and other buildings in the north section of the post. Natural gas is the primary fuel and number 2 fuel oil is the backup.

Building(s): 845

**Item 22.15(From Mod 0):**

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

Emission Unit: U-845P3

Emission Unit Description:

Four multimatic Hercules commercial fourth generation perchloroethylene dry cleaning machines.

Building(s): 845

**Item 22.16(From Mod 0):**

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

Emission Unit: U-847SC

Emission Unit Description:

This emission unit consists of two emergency generators. One generator is located at the South Dock and the other is located at Spellman Hall. NOx emissions from the generators are limited in order to avoid New Source Review requirements.

Building(s): 2101  
847

**Item 22.17(From Mod 0):**

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

Emission Unit: U-907GN

Emission Unit Description:

A diesel-fired emergency generator located at the Secondary Refueling Station is used for emergency power.

Building(s): 912

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**Item 22.18(From Mod 0):**

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

Emission Unit: U-907GS

Emission Unit Description:

Secondary Refueling Station provides fuel to army vehicles on post. Two tanks which contain diesel and e-85 (ethanol) are not regulated. One 10,000 gallon tank of gasoline is equipped with stage I submerged loading using dedicated vapor balance and stage II vapor recovery system at the pump.

Building(s): 912

**Item 22.19(From Mod 0):**

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

Emission Unit: U-950LF

Emission Unit Description:

Landfill gas collection and flare system located at the former Transportation Motor Pool site off Washington gate.

The gas control system is designed to extract landfill gas from pipes and valves embedded in the landfill cap cover soil. Gas will be actively removed from the landfill through extraction wells and directed to a flare using a blower (vacuum) device. The flare is solar powered and will ignite if there is a sufficient amount of landfill gas. Otherwise, the landfill gas is vented directly to the atmosphere.

**Item 22.20(From Mod 0):**

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

Emission Unit: U-KELL1

Emission Unit Description:

Two emergency generators at Keller Hospital are rated at 563 KW each.

Building(s): 900D

**Condition 23: Progress Reports Due Semiannually**

**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)**

**Item 23.1:**

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met,



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and any preventive or corrective measures adopted.

**Condition 24: Non Applicable requirements**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (g)**

**Item 24.1:**

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

40 CFR Part 63, Subpart JJJJJ

Reason: The boilers at the Central Power Plant, Laundry Plant, and Holleder Center are exempt from the requirements of 40 CFR 63 Subpart JJJJJ (Boiler MACT for area sources), since these boilers qualify as gas-fired boilers as defined in this regulation. The use of number 2 oil occurs only during testing or during a gas supply emergency.

40 CFR Part 63, Subpart ZZZZ

Reason: The facility is not subject to 40 CFR 63 Subpart ZZZZ - Stationary Reciprocating Internal Combustion Engines (RICE) NESHAP, because the facility is an educational institution.

**Condition 25: Air pollution prohibited**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 25.1:**

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 26: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (f)**

**Item 26.1:**

The Compliance Certification activity will be performed for the Facility.

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**Item 26.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of commercial, industrial, or residential emission sources that fire number two heating oil on or after July 1, 2012 are limited to the purchase of number two heating oil with 0.0015 percent sulfur by weight or less. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 HEATING OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 27: Compliance Certification**

**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (g)**

**Item 27.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 27.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014. Compliance with this limit will be based on vendor certifications.

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Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.0015 percent by weight  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 28: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 227-1.3 (a)**

**Item 28.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-1900C

Emission Unit: U-293CS

Emission Unit: U-700SC

Emission Unit: U-847SC

Emission Unit: U-907GN

**Item 28.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation. This condition applies to boilers and emergency generators

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comprising the emission units listed above.

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

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 29: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement: 6 NYCRR 227-1.3 (a)**

**Item 29.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-604GN	Emission Point: STK01
Emission Unit: U-714BL	Emission Point: STK05
Emission Unit: U-845BL	Emission Point: STK03
Emission Unit: U-845BL	Emission Point: STK04

**Item 29.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six minute period per hour of not more than 27 percent opacity. The facility shall have a Method 9 opacity evaluation performed on an annual basis. The evaluation must be performed for at least 12 minutes and while the combustion source is in operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 30: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**



**Applicable Federal Requirement:6 NYCRR 227-2.5 (b)**

**Item 30.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-604BL

Emission Unit: U-845BL

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility will use system wide averaging for the two large boilers (#1 and #2) at the Central Power Plant, the mid-size boiler (#3) at the Central Power Plant, and the two mid-size boilers (#1 and #2) at the Laundry Boiler Plant, to comply with NO<sub>x</sub> RACT requirements.

This will be accomplished by adding NO<sub>x</sub> emissions from these sources and comparing this to a calculated limit. Therefore, actual total NO<sub>x</sub> emissions from the boilers at both the Central Power Plant and the Laundry Boiler Plant must be equal to or less than the total NO<sub>x</sub> limit (which is equal to the sum of the limits of all these boilers).

NO<sub>x</sub> emissions from boilers #1 and #2 at the Central Power Plant are determined from fuel BTU value and CEMS data.

NO<sub>x</sub> emissions from the mid-size boilers are determined from natural gas usage, fuel BTU value, and the following emission rates (obtained from stack testing conducted at the facility):

0.0938 pounds of NO<sub>x</sub> per million BTU for Central Power Plant boiler #3

0.1064 pounds of NO<sub>x</sub> per million BTU for Laundry Boiler Plant boiler #1

0.1044 pounds of NO<sub>x</sub> per million BTU for Laundry Boiler Plant boiler #2

When oil is used, NO<sub>x</sub> emissions from the mid-size boilers are determined from the AP-42 factor of 20 pounds of NO<sub>x</sub> per 1000 gallons of oil.

The boiler limit will be determined from fuel usage, fuel

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BTU value, and the emission limits specified in 6NYCRR Part 227-2, which are:

0.15 pounds of NO<sub>x</sub> per million BTU for large boilers

0.08 pounds of NO<sub>x</sub> per million BTU for mid-size boilers

The NO<sub>x</sub> emissions and limit will be calculated on a 12 month basis, rolled monthly.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 31: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement: 6 NYCRR 228-1.3 (a)**

**Item 31.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-1940P

Emission Point: STK21

Emission Unit: U-1940P

Emission Point: STK22

**Item 31.2:**

Compliance Certification 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 to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six minute period from any emission source subject to 6NYCRR Part 228-1.

To assure compliance with this limit, paint booth filters shall be maintained in good condition. The filters shall be inspected and replaced as necessary.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

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DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 32: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 230.2 (d) (2)**

**Item 32.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0GOLF

Emission Unit: U-1202G

Emission Unit: U-1940G

Emission Unit: U-907GS

**Item 32.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Stage I vapor collection systems are required at any gasoline dispensing site located in lower Orange County, which is constructed, replaced, or substantially modified after October 15, 1994, regardless of the annual throughput of gasoline.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 33: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 230.2 (f)**

**Item 33.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0GOLF

Emission Unit: U-1202G

Emission Unit: U-1940G

Emission Unit: U-907GS

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**Item 33.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- Owners and/or operators of gasoline storage tanks and gasoline dispensing sites subject to stage I vapor collection or control requirements must:
- (1) install all necessary stage I vapor collection and control systems, and make any modifications necessary to comply with the requirements;
  - (2) provide adequate training and written instructions to the operator of the affected gasoline dispensing site and the gasoline transport vehicle;
  - (3) replace, repair or modify any worn or ineffective component or design element to ensure the vapor-tight integrity and efficiency of the stage I vapor collection and vapor control systems;
  - (4) connect and ensure proper operation of the stage I vapor collection and control systems whenever gasoline is being loaded, unloaded, or dispensed; and
  - (5) connect stage I vapor collection hose before connecting the gasoline delivery hose to the gasoline transport vehicle, and disconnect the gasoline delivery hose before disconnecting the stage I collection hose from the gasoline transport vehicle.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 34: Compliance Certification**

**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 230.5 (a)**

**Item 34.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0GOLF

Emission Unit: U-1202G

Emission Unit: U-1940G

Emission Unit: U-907GS

**Item 34.2:**

Compliance Certification shall include the following monitoring:



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any gasoline dispensing site must maintain records showing the quantity of all gasoline delivered to the site.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 35: Gasoline Dispensing Sites - Recordkeeping and Reporting  
Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 230.5 (c)**

**Item 35.1:**

This Condition applies to:

Emission Unit: U0GOLF

Emission Unit: U1202G

Emission Unit: U1940G

Emission Unit: U907GS

**Item 35.2:**

The owner or operator of a gasoline dispensing site must conspicuously post a copy of the registration form required by 6 NYCRR Part 201 at the gasoline dispensing site in a location accessible for inspection during operational hours.

**Condition 36: Registration Schedule  
Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 230.7 (c)**

**Item 36.1:**

This Condition applies to:

Emission Unit: U0GOLF

Emission Unit: U1202G

Emission Unit: U1940G

Emission Unit: U907GS

**Item 36.2:**

The owner or operator of gasoline dispensing sites located in the lower Orange County metropolitan area must register the site pursuant to 6NYCRR Part 201. Gasoline dispensing sites which are registered with the Department pursuant to 6NYCRR Part 612 meet this registration

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requirement.

**Condition 37: Compliance Certification**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:6 NYCRR 231-6.2**

**Item 37.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-753GN

Regulated Contaminant(s):  
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 37.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Total annual NOx emissions from the emergency generators comprising Emission Unit U-753GN shall not exceed 4.0 tons per year. The potential NOx emissions from this emission unit have been calculated, and a record of these calculations shall be kept by the facility.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 38: Compliance Certification**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:6 NYCRR 231-6.2**

**Item 38.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-1900C

Emission Unit: U-293CS

Emission Unit: U-907GN

Regulated Contaminant(s):  
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 38.2:**

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Total annual NOx emissions from the emission sources comprising the emission units specified above shall not exceed 14.3 tons per year. The potential NOx emissions from these sources have been calculated, and a record of these calculations shall be kept by the facility.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 39: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:40CFR 60.48c(e)(11), NSPS Subpart Dc**

**Item 39.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 39.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certifications used to demonstrate compliance with sulfur in fuel limitations shall be submitted semi-annually and shall include the following information:

- (1) the name of the oil supplier;
- (2) a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil, as defined in ASTM D396; and
- (3) the sulfur content or maximum sulfur content of the oil.

This permit condition does not apply to generators subject to 40 CFR 60 Subpart IIII, or 40 CFR 89.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2017.

Subsequent reports are due every 6 calendar month(s).

**Condition 40: Compliance and Enforcement**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

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**Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII**

**Item 40.1:**

This Condition applies to:

Emission Unit: U293CS

Emission Unit: U706GN

Emission Unit: U753GN

Emission Unit: U907GN

Emission Unit: UKELL1

**Item 40.2:**

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 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.

**Condition 41: Compliance Certification**

**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII**

**Item 41.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-293CS

Emission Unit: U-706GN

Emission Unit: U-753GN

Emission Unit: U-907GN

Emission Unit: U-KELL1

**Item 41.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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For compression ignition engines less than 30 liters per cylinder displacement, compliance with 40 CFR 60 Subpart IIII shall be achieved by purchasing an engine certified by EPA and by installing, configuring, operating, and maintaining the engine in accordance with manufacturer's instructions.

For compression ignition engines greater than or equal to 30 liters per cylinder displacement, performance testing must be conducted in accordance with 40 CFR 60.4213, in order to demonstrate compliance with applicable emission limits.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 42: Compliance and Enforcement**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:40CFR 60, NSPS Subpart JJJJ**

**Item 42.1:**

This Condition applies to:

Emission Unit: U1900C

**Item 42.2:**

The Department has not accepted delegation of 40 CFR Part 60 Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engine. Any questions 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 JJJJ during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

**Condition 43: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:40CFR 60, NSPS Subpart JJJJ**

**Item 43.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-1900C

**Item 43.2:**

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Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For spark ignition engines, compliance with 40 CFR 60 Subpart JJJJ shall be achieved either by purchasing an engine certified by the manufacturer or by conducting performance testing to demonstrate compliance with applicable emission limits.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 44: Federal standards -- dry cleaning facilities that use perc.  
Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:40CFR 63.322(c), Subpart M**

**Item 44.1:**

This Condition applies to:

Emission Unit: U845P3

**Item 44.2:**

The owner or operator must close the door of each dry cleaning machine immediately after transferring articles to or from the machine, and must keep the door closed at all other times.

**Condition 45: Standard for draining cartridge filters.  
Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:40CFR 63.322(i), Subpart M**

**Item 45.1:**

This Condition applies to:

Emission Unit: U845P3

**Item 45.2:**

The owner or operator must drain all cartridge filters in their housing or other sealed container for a minimum of 24 hours, or must treat such filters in an equivalent manner before removal from the dry cleaning facility.

**Condition 46: Standard for storing perc and perc-contaminated wastes.  
Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:40CFR 63.322(j), Subpart M**

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**Item 46.1:**

This Condition applies to:

Emission Unit: U845P3

**Item 46.2:**

The owner or operator must store all perc and perc-contaminated wastes in solvent tanks or solvent containers. No perceptible leaks from these containers are permitted.

**Condition 47: Requirements for facilities with monthly throughput of less than 10,000 gallons of gasoline Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement: 40CFR 63.11116, NESHAP Subpart CCCCCC**

**Item 47.1:**

This Condition applies to:

Emission Unit: U0GOLF

Emission Unit: U1940G

Emission Unit: U907GS

**Item 47.2:**

The owner or operator must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:

- (1) Minimize gasoline spills;
- (2) Clean up spills as expeditiously as practicable;
- (3) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use;
- (4) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

The owner or operator is not required to submit notifications or reports as specified in 40 CFR 63.11125, 40 CFR 63.11126, or Subpart A of Part 63, but he/she must have records available within 24 hours of a request by the Administrator to document the gasoline throughput.

The owner or operator must comply with the requirements of Subpart CCCCCC by the applicable dates specified in 40 CFR 63.11113.

Portable gasoline containers that meet the requirements of 40 CFR Part 59, Subpart F, are considered acceptable for compliance with paragraph (3) above.



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

**Condition 48: Emission Point Definition By Emission Unit**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:6 NYCRR Subpart 201-6**

**Item 48.1(From Mod 1):**

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

Emission Unit: 1-WWTMP

Emission Point: STK27			
Height (ft.): 22	Diameter (in.): 24		
NYTMN (km.): 4583.87	NYTME (km.): 586.38	Building: HIP	
Emission Point: STK28			
Height (ft.): 13	Diameter (in.): 6		
NYTMN (km.): 4583.9	NYTME (km.): 586.34	Building: PTF	
Emission Point: STK29			
Height (ft.): 17	Diameter (in.): 20		
NYTMN (km.): 4583.91	NYTME (km.): 586.41	Building: SHB	
Emission Point: STK31			
Height (ft.): 12	Diameter (in.): 4		
NYTMN (km.): 4583.99	NYTME (km.): 586.4	Building: PRC	

**Item 48.2(From Mod 1):**

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

Emission Unit: U-706GN

Emission Point: 0706C			
Height (ft.): 19	Diameter (in.): 24		
NYTMN (km.): 4582.521	NYTME (km.): 586.381	Building: 706	
Emission Point: 0706D			
Height (ft.): 19	Diameter (in.): 24		
NYTMN (km.): 4582.521	NYTME (km.): 586.381	Building: 706	

**Item 48.3(From Mod 0):**

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

Emission Unit: U-0GOLF

Emission Point: STK18			
Height (ft.): 8	Diameter (in.): 2		
NYTMN (km.): 4581.8	NYTME (km.): 584.44		





**Item 48.4(From Mod 0):**

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

Emission Unit: U-1202G  
Emission Point: STK13  
Height (ft.): 20 Diameter (in.): 2  
NYTMN (km.): 4582.088 NYTME (km.): 585.575

**Item 48.5(From Mod 0):**

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

Emission Unit: U-1940G  
Emission Point: STK20  
Height (ft.): 20 Diameter (in.): 2  
NYTMN (km.): 4578.5 NYTME (km.): 579.89

**Item 48.6(From Mod 0):**

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

Emission Unit: U-1940P  
Emission Point: STK21  
Height (ft.): 47 Diameter (in.): 48  
NYTMN (km.): 4578.5 NYTME (km.): 579.89  
Emission Point: STK22  
Height (ft.): 47 Diameter (in.): 48  
NYTMN (km.): 4578.5 NYTME (km.): 579.89

**Item 48.7(From Mod 0):**

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

Emission Unit: U-604BL  
Emission Point: STK02  
Height (ft.): 144 Diameter (in.): 120  
NYTMN (km.): 4582.558 NYTME (km.): 587.374 Building: 604

**Item 48.8(From Mod 0):**

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

Emission Unit: U-604GN  
Emission Point: STK01  
Height (ft.): 125 Diameter (in.): 16  
NYTMN (km.): 4582.531 NYTME (km.): 587.371 Building: 604

**Item 48.9(From Mod 0):**

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

New York State Department of Environmental Conservation  
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Emission Unit: U-700SC

Emission Point: 700GN  
Height (ft.): 8 Diameter (in.): 8  
NYTMN (km.): 4582. NYTME (km.): 586.6 Building: 700

Emission Point: 700PT  
Height (ft.): 53 Diameter (in.): 24  
NYTMN (km.): 4582. NYTME (km.): 586.6 Building: 700

Emission Point: 701GN  
Height (ft.): 8 Diameter (in.): 8  
NYTMN (km.): 4582.3 NYTME (km.): 586.5 Building: 700

Emission Point: 701PT  
Height (ft.): 53 Diameter (in.): 8  
NYTMN (km.): 4582.1 NYTME (km.): 586.5 Building: 700

Emission Point: 727GN  
Height (ft.): 8 Diameter (in.): 12  
NYTMN (km.): 4582.6 NYTME (km.): 586.8 Building: 727

Emission Point: CCSPT  
Height (ft.): 23 Diameter (in.): 6  
NYTMN (km.): 4582.546 NYTME (km.): 587.452 Building: 806

**Item 48.10(From Mod 0):**

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

Emission Unit: U-714BL

Emission Point: STK05  
Height (ft.): 54 Diameter (in.): 39  
NYTMN (km.): 4582.166 NYTME (km.): 586.467 Building: 714

**Item 48.11(From Mod 0):**

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

Emission Unit: U-753GN

Emission Point: STK24  
Height (ft.): 81 Diameter (in.): 9  
NYTMN (km.): 4582.694 NYTME (km.): 587.318 Building: 753

Emission Point: STK25  
Height (ft.): 81 Diameter (in.): 10  
NYTMN (km.): 4582.658 NYTME (km.): 587.332 Building: 753

**Item 48.12(From Mod 0):**

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

Emission Unit: U-845BL



Emission Point: STK03  
Height (ft.): 50 Diameter (in.): 40  
NYTMN (km.): 4583.569 NYTME (km.): 585.263 Building: 845

Emission Point: STK04  
Height (ft.): 50 Diameter (in.): 40  
NYTMN (km.): 4583.575 NYTME (km.): 585.27 Building: 845

**Item 48.13(From Mod 0):**

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

Emission Unit: U-847SC

Emission Point: 2101G  
Height (ft.): 13 Diameter (in.): 10  
NYTMN (km.): 4580.618 NYTME (km.): 586.726 Building: 2101

Emission Point: 847GN  
Height (ft.): 5 Diameter (in.): 5  
NYTMN (km.): 4582.217 NYTME (km.): 587.333 Building: 847

**Item 48.14(From Mod 0):**

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

Emission Unit: U-907GS

Emission Point: STK19  
Height (ft.): 12 Diameter (in.): 2  
NYTMN (km.): 4583.8 NYTME (km.): 585.28

**Item 48.15(From Mod 0):**

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

Emission Unit: U-950LF

Emission Point: STK23  
Height (ft.): 20 Diameter (in.): 2  
NYTMN (km.): 4583.8 NYTME (km.): 585.317

**Item 48.16(From Mod 0):**

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

Emission Unit: U-KELL1

Emission Point: KELL1  
Height (ft.): 80 Diameter (in.): 15  
NYTMN (km.): 4583.864 NYTME (km.): 585.447 Building: 900D

**Condition 49: Process Definition By Emission Unit**  
**Effective between the dates of 03/07/2017 and 03/06/2022**



**Applicable Federal Requirement:6 NYCRR Subpart 201-6**

**Item 49.1(From Mod 1):**

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

Emission Unit: 1-WWTMP

Process: CGN

Source Classification Code: 2-03-007-02

Process Description:

This process includes a 150 KW cogen operation used to burn the biogas generated from the digesters. The cogen is used to produce electricity with the reject heat being used to heat the digesters. If the biogas is not used in the cogen or if there is excess, it is directed to two boilers or to a flare.

Emission Source/Control: COGEN - Combustion

Design Capacity: 150 kilowatts

Emission Source/Control: DIG01 - Process

Emission Source/Control: DIG02 - Process

Emission Source/Control: DIG03 - Process

Emission Source/Control: DIG04 - Process

**Item 49.2(From Mod 1):**

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

Emission Unit: 1-WWTMP

Process: FLR

Source Classification Code: 5-01-007-89

Process Description:

A flare is used to burn excess digester biogas that is not consumed by the generator or digester boilers.

Emission Source/Control: FLAR1 - Combustion

Design Capacity: 1.5 million Btu per hour

**Item 49.3(From Mod 1):**

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

Emission Unit: 1-WWTMP

Process: MCS

Source Classification Code: 1-03-006-03

Process Description:

This process consists of miscellaneous combustion sources associated with the wastewater treatment plant, including two 1.0 MMBTU/hr natural gas/biogas boilers, two 2.0 MMBTU/hr HVAC heating units, two 1.5 MMBTU/hr tank heaters, eighteen hot water heaters, and a 1250 KW emergency diesel generator.

Emission Source/Control: DBLR1 - Combustion

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Design Capacity: 1 million Btu per hour

Emission Source/Control: DBLR2 - Combustion

Design Capacity: 1 million Btu per hour

Emission Source/Control: HVAC1 - Combustion

Design Capacity: 2 million Btu per hour

Emission Source/Control: HVAC2 - Combustion

Design Capacity: 2 million Btu per hour

Emission Source/Control: HWHTR - Combustion

Emission Source/Control: SHBT1 - Combustion

Design Capacity: 1.5 million Btu per hour

Emission Source/Control: SHBT2 - Combustion

Design Capacity: 1.5 million Btu per hour

Emission Source/Control: WWEDG - Combustion

Design Capacity: 1,250 kilowatts

**Item 49.4(From Mod 1):**

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

Emission Unit: 1-WWTMP

Process: OC1

Source Classification Code: 5-01-007-07

Process Description:

This process includes sources associated with the headworks operations and its associated odor control system. Headworks operations include two grit washers, two screenings washer/compactors, two screens, two grit removal units, and two wet wells.

Emission Source/Control: OCU01 - Control

Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: GRU01 - Process

Emission Source/Control: GRU02 - Process

Emission Source/Control: GWC01 - Process

Emission Source/Control: GWC02 - Process

Emission Source/Control: SCRE1 - Process

Emission Source/Control: SCRE2 - Process

Emission Source/Control: SWC01 - Process

Emission Source/Control: SWC02 - Process



Emission Source/Control: WEL01 - Process

Emission Source/Control: WEL02 - Process

**Item 49.5(From Mod 1):**

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

Emission Unit: 1-WWTMP

Process: OC2

Source Classification Code: 5-01-007-99

Process Description:

This process includes sources associated with the primary treatment operations and its associated odor control system. Primary treatment operations include a primary sludge well, influent distribution box, two primary filters, primary clarifiers, and biological distribution box.

Emission Source/Control: OCU02 - Control

Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: BDBOX - Process

Emission Source/Control: IDBOX - Process

Emission Source/Control: PCINF - Process

Emission Source/Control: PCLR1 - Process

Emission Source/Control: PFIL1 - Process

Emission Source/Control: PFIL2 - Process

Emission Source/Control: PSWEL - Process

**Item 49.6(From Mod 1):**

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

Emission Unit: 1-WWTMP

Process: OC3

Source Classification Code: 5-01-007-71

Process Description:

This process includes sources associated with solids handling and its odor control system. Solids handling operations include three unthickened sludge storage tanks, two thickeners, thickened sludge storage tank, sidestream EQ/digested sludge storage tank, two dewatering presses, a dump station, solid waste slurry tank, and a liquid waste slurry tank.

Emission Source/Control: OCU03 - Control

Control Type: ACTIVATED CARBON ADSORPTION



- Emission Source/Control: DSST1 - Process
- Emission Source/Control: DUMP1 - Process
- Emission Source/Control: DWAT1 - Process
- Emission Source/Control: DWAT2 - Process
- Emission Source/Control: LWST1 - Process
- Emission Source/Control: SWST1 - Process
- Emission Source/Control: THIC1 - Process
- Emission Source/Control: THIC2 - Process
- Emission Source/Control: TSST1 - Process
- Emission Source/Control: USST1 - Process
- Emission Source/Control: USST2 - Process
- Emission Source/Control: USST3 - Process

**Item 49.7(From Mod 1):**

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

Emission Unit: U-706GN  
Process: 052 Source Classification Code: 2-01-001-07  
Process Description:  
Combustion of diesel fuel in the generators at the  
Athletic Department Maintenance Building.

Emission Source/Control: 0706C - Combustion  
Design Capacity: 1,975 kilowatts

Emission Source/Control: 0706D - Combustion  
Design Capacity: 1,975 kilowatts

**Item 49.8(From Mod 0):**

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

Emission Unit: U-0GOLF  
Process: 028 Source Classification Code: 4-06-003-01  
Process Description:  
Filling and storing gasoline in a 500 gallon aboveground  
storage tank and refueling of golf carts and grounds  
maintenance equipment.

Emission Source/Control: 00172 - Control  
Control Type: VAPOR COLLECTION (STAGE 1)

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Emission Source/Control: 00163 - Process  
Design Capacity: 500 gallons

Emission Source/Control: 00164 - Process

**Item 49.9(From Mod 0):**

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

Emission Unit: U-1202G

Process: 016

Source Classification Code: 4-06-003-06

Process Description:

The filling of and storage of gasoline in three underground storage tanks and the fueling of motor vehicles from the dispensing pumps at the Army Air Force Exchange.

Emission Source/Control: 00125 - Control

Control Type: VAPOR COLLECTION (STAGE 1)

Emission Source/Control: 00126 - Control

Control Type: VAPOR COLLECTION (STAGE 1)

Emission Source/Control: 00127 - Control

Control Type: VAPOR COLLECTION (STAGE 1)

Emission Source/Control: 00122 - Process

Design Capacity: 12,000 gallons

Emission Source/Control: 00123 - Process

Design Capacity: 12,000 gallons

Emission Source/Control: 00124 - Process

Design Capacity: 12,000 gallons

Emission Source/Control: 00128 - Process

**Item 49.10(From Mod 0):**

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

Emission Unit: U-1900C

Process: 049

Source Classification Code: 2-03-002-01

Process Description:

The combustion of natural gas used in the emergency generator for backup electric power at the US Military Academy Prep School.

Emission Source/Control: 00187 - Combustion

Design Capacity: 200 horsepower (electric)

**Item 49.11(From Mod 0):**

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



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Emission Unit: U-1940G

Process: 020

Source Classification Code: 4-06-003-06

Process Description:

The loading and storage of gasoline in one 10,000 gallon underground storage tank and the fueling of motor vehicles from the dispensing pumps at the Transportation Motor Pool.

Emission Source/Control: 00133 - Control

Control Type: VAPOR COLLECTION (STAGE 1)

Emission Source/Control: 00136 - Control

Control Type: VAPOR COLLECTION (STAGE 2)

Emission Source/Control: 00131 - Process

Design Capacity: 10,000 gallons

Emission Source/Control: 00135 - Process

**Item 49.12(From Mod 0):**

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

Emission Unit: U-1940P

Process: 009

Source Classification Code: 4-02-999-95

Process Description:

Spray painting of motor vehicles and motor vehicle parts in the spray booth at the Transportation Motor Pool by Area V.

Emission Source/Control: 0171A - Control

Control Type: FIBERGLASS FILTER

Emission Source/Control: 0171B - Control

Control Type: FIBERGLASS FILTER

Emission Source/Control: 00170 - Process

**Item 49.13(From Mod 0):**

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

Emission Unit: U-293CS

Process: 045

Source Classification Code: 1-03-010-02

Process Description:

The combustion of propane in the boilers used for heating the buildings located at the Transportation Motor Pool along Route 293.

Emission Source/Control: 00176 - Combustion

Design Capacity: 0.5 million Btu per hour

Emission Source/Control: 00177 - Combustion

Design Capacity: 0.5 million Btu per hour



Emission Source/Control: 00178 - Combustion  
Design Capacity: 1.5 million Btu per hour

Emission Source/Control: 00179 - Combustion  
Design Capacity: 1.5 million Btu per hour

Emission Source/Control: 00180 - Combustion  
Design Capacity: 1.5 million Btu per hour

**Item 49.14(From Mod 0):**

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

Emission Unit: U-293CS  
Process: 046 Source Classification Code: 2-03-001-02

Process Description:  
The combustion of diesel oil in the generators used for emergency power backup at the Transportation Motor Pool.

Emission Source/Control: 00181 - Combustion  
Design Capacity: 755 horsepower (electric)

Emission Source/Control: 00182 - Combustion  
Design Capacity: 2,200 horsepower (electric)

Emission Source/Control: 00183 - Combustion  
Design Capacity: 1,220 horsepower (electric)

Emission Source/Control: 00184 - Combustion  
Design Capacity: 755 horsepower (electric)

Emission Source/Control: 00185 - Combustion  
Design Capacity: 48 horsepower (electric)

**Item 49.15(From Mod 0):**

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

Emission Unit: U-604BL  
Process: 003 Source Classification Code: 1-01-006-02

Process Description:  
Natural gas combustion associated with the operation of Boilers #1, #2, and #3 at the Central Power Plant.

Emission Source/Control: 00102 - Combustion

Emission Source/Control: 00103 - Combustion

Emission Source/Control: 00104 - Combustion

**Item 49.16(From Mod 0):**

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



Emission Unit: U-604BL  
Process: 006 Source Classification Code: 1-03-005-01  
Process Description:  
Combustion of no.2 fuel oil associated with Boilers #1, #2, and #3 at the Central Power Plant. No. 2 fuel oil is used only during testing and during a gas supply emergency.

Emission Source/Control: 00102 - Combustion

Emission Source/Control: 00103 - Combustion

Emission Source/Control: 00104 - Combustion

**Item 49.17(From Mod 0):**

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

Emission Unit: U-604GN  
Process: 001 Source Classification Code: 2-02-004-01  
Process Description:  
Combustion of diesel fuel during the operation of the emergency generator at the Central Power Plant.

Emission Source/Control: 00101 - Combustion

**Item 49.18(From Mod 0):**

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

Emission Unit: U-700SC  
Process: 037 Source Classification Code: 1-03-005-01  
Process Description:  
The combustion of no. 2 fuel oil in the boiler in the Cadet Crew & Sailing Center.

Emission Source/Control: 00157 - Combustion  
Design Capacity: 1.232 million Btu per hour

**Item 49.19(From Mod 0):**

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

Emission Unit: U-700SC  
Process: 039 Source Classification Code: 1-03-005-01  
Process Description:  
The combustion of diesel fuel in the emergency generators located in Kimsey Athletic Center, the Arvin Cadet Physical Development Center, and the Press Box.

Emission Source/Control: 00158 - Combustion  
Design Capacity: 533 horsepower (electric)

Emission Source/Control: 00159 - Combustion  
Design Capacity: 1,340 horsepower (electric)

**New York State Department of Environmental Conservation**

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Emission Source/Control: 00160 - Combustion  
Design Capacity: 536 horsepower (electric)

**Item 49.20(From Mod 0):**

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

Emission Unit: U-700SC  
Process: 040 Source Classification Code: 1-03-006-03  
Process Description:  
The combustion of natural gas in the boilers in the  
Kimsey Athletic Center.

Emission Source/Control: 00154 - Combustion  
Design Capacity: 8.165 million Btu per hour

Emission Source/Control: 00155 - Combustion  
Design Capacity: 8.165 million Btu per hour

**Item 49.21(From Mod 0):**

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

Emission Unit: U-714BL  
Process: 008 Source Classification Code: 1-03-005-02  
Process Description:  
Combustion of no. 2 fuel oil in the two Holleder Center  
boilers.

Emission Source/Control: 00107 - Combustion  
Design Capacity: 14.47 million Btu per hour

Emission Source/Control: 00108 - Combustion  
Design Capacity: 14.47 million Btu per hour

**Item 49.22(From Mod 0):**

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

Emission Unit: U-714BL  
Process: 042 Source Classification Code: 1-03-006-02  
Process Description:  
The combustion of natural gas in the two boilers at the  
Holleder Center.

Emission Source/Control: 00107 - Combustion  
Design Capacity: 14.47 million Btu per hour

Emission Source/Control: 00108 - Combustion  
Design Capacity: 14.47 million Btu per hour

**Item 49.23(From Mod 0):**

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

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Emission Unit: U-753GN  
Process: 050 Source Classification Code: 2-03-001-02  
Process Description:  
The combustion of diesel oil in the generators used for emergency power at the Science Center.

Emission Source/Control: 00192 - Combustion  
Design Capacity: 1,474 brake horsepower

Emission Source/Control: 00193 - Combustion  
Design Capacity: 2,205 brake horsepower

**Item 49.24(From Mod 0):**

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

Emission Unit: U-845BL  
Process: 004 Source Classification Code: 1-03-006-02  
Process Description:  
Natural gas combustion from the operation of two commercial boilers at the Laundry Boiler Plant.

Emission Source/Control: 00105 - Combustion

Emission Source/Control: 00106 - Combustion

**Item 49.25(From Mod 0):**

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

Emission Unit: U-845BL  
Process: 005 Source Classification Code: 1-03-005-02  
Process Description:  
No. 2 fuel oil combustion from the operation of two commercial boilers at the Laundry Boiler Plant.

Emission Source/Control: 00105 - Combustion

Emission Source/Control: 00106 - Combustion

**Item 49.26(From Mod 0):**

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

Emission Unit: U-845P3  
Process: 011 Source Classification Code: 4-01-001-13  
Process Description:  
The use of perchloroethylene in the operation of four fourth generation drycleaning machines in a stand-alone facility. The design capacity of each machine is 150 pounds per load. Perchloroethylene emissions from each machine are controlled by a built-in refrigerated condenser and carbon adsorber.

Emission Source/Control: 00113 - Process



Emission Source/Control: 00114 - Process

Emission Source/Control: 00115 - Process

Emission Source/Control: 00116 - Process

**Item 49.27(From Mod 0):**

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

Emission Unit: U-847SC

Process: 041

Source Classification Code: 2-03-001-02

Process Description:

The combustion of diesel fuel in the emergency generators located at the South Dock and Spellman Hall.

Emission Source/Control: 00161 - Combustion

Design Capacity: 300 horsepower (electric)

Emission Source/Control: 00162 - Combustion

Design Capacity: 1,030 horsepower (electric)

**Item 49.28(From Mod 0):**

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

Emission Unit: U-907GN

Process: 047

Source Classification Code: 2-03-001-02

Process Description:

The combustion of diesel oil in the generator used for emergency power backup at the Secondary Refueling Station.

Emission Source/Control: 00186 - Combustion

Design Capacity: 49 horsepower (electric)

**Item 49.29(From Mod 0):**

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

Emission Unit: U-907GS

Process: 043

Source Classification Code: 4-06-003-06

Process Description:

The loading and storage of gasoline in one 10,000 gallon underground storage tank and the refueling of motor vehicles from the dispensing pumps at the Secondary Refueling Station.

Emission Source/Control: 00168 - Control

Control Type: VAPOR COLLECTION (STAGE 1)

Emission Source/Control: 00169 - Control

Control Type: VAPOR COLLECTION (STAGE 2)

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Emission Source/Control: 00166 - Process  
Design Capacity: 10,000 gallons

Emission Source/Control: 00167 - Process

**Item 49.30(From Mod 0):**

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

Emission Unit: U-950LF  
Process: 044 Source Classification Code: 5-01-004-10  
Process Description:  
Landfill gas from the former Transportation Motor Pool site is collected, and is sent to a flare to be burned or is vented directly to the atmosphere.

Emission Source/Control: 00175 - Control  
Control Type: FLARING

Emission Source/Control: 00174 - Process

**Item 49.31(From Mod 0):**

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

Emission Unit: U-KELL1  
Process: 051 Source Classification Code: 2-01-001-07  
Process Description:  
Combustion of diesel fuel in the emergency generators at the Keller Hospital.

Emission Source/Control: KELL1 - Combustion  
Design Capacity: 563 kilowatts

**Condition 50: Emission Unit Permissible Emissions  
Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-7.1**

**Item 50.1:**

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: U-604BL  
  
CAS No: 007446095 (From Mod 0)  
Name: SULFUR DIOXIDE  
PTE(s): 183,800 pounds per year  
  
CAS No: 0NY210000 (From Mod 0)  
Name: OXIDES OF NITROGEN  
PTE(s): 154,200 pounds per year



Emission Unit: U-604GN

CAS No: 0NY210000 (From Mod 0)  
Name: OXIDES OF NITROGEN  
PTE(s): 48,000 pounds per year

Emission Unit: U-847SC

CAS No: 0NY210000 (From Mod 0)  
Name: OXIDES OF NITROGEN  
PTE(s): 3,959 pounds per year

Emission Unit: U-706GN

CAS No: 0NY210000 (From Mod 1)  
Name: OXIDES OF NITROGEN  
PTE(s): 4,955 pounds per year

**Condition 1-1: Compliance Certification**  
**Effective between the dates of 11/30/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 1-1.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-WWTMP

**Item 1-1.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall submit a plan to evaluate performance of the three carbon adsorption units prior to startup of the new wastewater treatment plant. The plan must specify what parameters, such as differential pressure or breakthrough, will be monitored, and at what parameter level the carbon filters will be replaced.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-2: Compliance Certification**  
**Effective between the dates of 11/30/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.2 (d) (3) (xi)**

**Item 1-2.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-WWTMP



**New York State Department of Environmental Conservation**

Permit ID: 3-3336-00022/00055

Facility DEC ID: 3333600022



**Item 1-2.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall provide stack (STK30) information associated with the biogas generator, when it becomes available.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-3: Compliance Certification**  
**Effective between the dates of 11/30/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 227-1.3 (a)**

**Item 1-3.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-WWTMP

**Item 1-3.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation. This condition applies to the combustion sources associated with the wastewater treatment plant.

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

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-4: Compliance Certification**  
**Effective between the dates of 11/30/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 231-6.2**

**Item 1-4.1:**

**New York State Department of Environmental Conservation**

Permit ID: 3-3336-00022/00055

Facility DEC ID: 3333600022



The Compliance Certification activity will be performed for:

Emission Unit: 1-WWTMP

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 1-4.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Total NOx emissions from the emission sources associated with the wastewater treatment plant shall not exceed 5.7 tons per year. The potential NOx emissions from these sources have been calculated, and a record of the calculations must be kept by the facility.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-5: Compliance Certification**

**Effective between the dates of 11/30/2017 and 03/06/2022**

**Applicable Federal Requirement:40CFR 60, NSPS Subpart JJJJ**

**Item 1-5.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-WWTMP

Process: CGN

Emission Source: COGEN

**Item 1-5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The biogas generator at the Wastewater Treatment Plant is subject to applicable portions of 40 CFR 60 Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines. The Department has not accepted delegation of this regulation. Any questions concerning compliance or enforcement of this regulation should be directed to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866, (212) 637-4080.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 1-6: Compliance Certification**

**Effective between the dates of 11/30/2017 and 03/06/2022**

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**Applicable Federal Requirement:6 NYCRR 201-6.4 (b)**

**Item 1-6.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-WWTMP

Process: FLR

Emission Source: FLAR1

**Item 1-6.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Flare operation is limited to 876 hours per year. An hour meter and a log book will be maintained to demonstrate compliance with this limit.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 876 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 1-7: Compliance Certification**

**Effective between the dates of 11/30/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (b)**

**Item 1-7.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-WWTMP

Process: MCS

Emission Source: WWEDG

**Item 1-7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Operation of the emergency diesel generator is limited to 200 hours per year. An hour meter and a log book will be maintained to demonstrate compliance with this limit.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 200 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**New York State Department of Environmental Conservation**

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Facility DEC ID: 3333600022



**Condition 1-8: Compliance Certification**  
Effective between the dates of 11/30/2017 and 03/06/2022

**Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII**

**Item 1-8.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-WWTMP

Process: MCS

Emission Source: WWEDG

**Item 1-8.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The diesel emergency generator at the Wastewater Treatment Plant is subject to applicable portions of 40 CFR 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. The Department has not accepted delegation of this regulation. Any questions concerning compliance or enforcement of this regulation should be directed to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866, (212) 637-4080.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 51: Compliance Certification**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:40CFR 63.11118, Subpart CCCCCC**

**Item 51.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-1202G

**Item 51.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must comply with the following:  
(1) the requirements in 63.11116(a) and 63.11117(b);  
(2) each management practice in Table 1 of Subpart CCCCCC that applies;  
(3) recordkeeping as specified in 63.11125; and  
(4) reporting requirements as specified in 63.11126.

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Facility DEC ID: 3333600022



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 52: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:40CFR 63.11120, Subpart CCCCCC**

**Item 52.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-1202G

**Item 52.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must comply with the following testing requirements:

- (1) leak rate and cracking pressure requirements, specified in item 1(g) in Table 1 of Subpart CCCCCC, for pressure-vacuum vent valves installed on the gasoline storage tanks; and
- (2) static pressure performance requirement, specified in item 1(h) in Table 1 of Subpart CCCCCC, for the vapor balance system by conducting a static pressure test on the gasoline storage tanks.

A Notification of Performance Test, as specified in 63.9(e), must be submitted prior to the test.

Monitoring Frequency: Once every three years

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 53: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 228-1.3 (b) (1)**

**Item 53.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-1940P

**Item 53.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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Permit ID: 3-3336-00022/00055

Facility DEC ID: 3333600022



The owner or operator of any coating line must maintain and, upon request, provide the Department with a certification from the coating supplier or manufacturer which lists the parameters used to determine the actual VOC content of each coating used. In addition, purchase, usage, or production records of the coating material must be maintained.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 54: Surface Coating - Handling, storage and disposal**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement: 6 NYCRR 228-1.3 (d)**

**Item 54.1:**

This Condition applies to Emission Unit: U-1940P

**Item 54.2:**

Within the work area(s) associated with a coating line, the owner or operator of a facility must:

- (1) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;
- (2) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;
- (3) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;
- (4) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to: spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;
- (5) not use open containers to store or dispose of spent surface coatings, or spent VOC solvents;
- (6) minimize spills during the handling and transfer of coatings and VOC solvents; and
- (7) clean hand held spray guns by one of the following:
  - (i) an enclosed spray gun cleaning system that is kept closed when not in use;
  - (ii) non-atomized discharge of VOC solvent into a paint waste container that is kept closed when not in use;
  - (iii) disassembling and cleaning of the spray gun in a vat that is kept closed when not in use; or



(iv) atomized spray into a paint waste container that is fitted with a device designed to capture atomized VOC solvent emissions.

**Condition 55: Surface Coating- application requirements**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 228-1.3 (e)**

**Item 55.1:**

This Condition applies to Emission Unit: U-1940P

**Item 55.2:**

Facilities operating coating lines must use one or more of the following application techniques to apply the coating:

- (i) flow/curtain coating;
- (ii) dip coating;
- (iii) cotton-tipped swab application;
- (iv) electro-deposition coating;
- (v) high volume low pressure spraying;
- (vi) electrostatic spray;
- (vii) airless spray, (including air assisted);
- (viii) airbrush application methods for stenciling, lettering, and other identification markings; or
- (ix) other coating application methods approved by the department which can demonstrate transfer efficiencies equivalent to or greater than high volume low pressure spray.

**Condition 56: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 228-1.4 (a)**

**Item 56.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-1940P

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Regulated Contaminant(s):  
CAS No: 0NY998-00-0    VOC

**Item 56.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

The VOC content in any automotive primer-surfacer used shall not exceed 4.8 pounds of VOC per gallon of coating (minus water and excluded compounds) at application.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 4.8 pounds per gallon

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL  
CHANGE

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 57: Compliance Certification**

**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement: 6 NYCRR 228-1.4 (a)**

**Item 57.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-1940P

Regulated Contaminant(s):  
CAS No: 0NY998-00-0    VOC

**Item 57.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

The VOC content in any automotive primer-sealer used shall not exceed 4.6 pounds of VOC per gallon of coating (minus water and excluded compounds) at application.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 4.6 pounds per gallon

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL  
CHANGE





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Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 58: Compliance Certification**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:6 NYCRR 228-1.4 (a)**

**Item 58.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-1940P

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 58.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

The usage of topcoats on motor vehicles, as applied, that exceeds 5.0 pounds of volatile organic compounds (VOC) per gallon, minus water and excluded compounds, is prohibited. The VOC content in each topcoat used shall be calculated with Equation A from Part 228-1.4(a).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 5.0 pounds per gallon

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL  
CHANGE

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 59: Compliance Certification**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:6 NYCRR 228-1.6 (a)**

**Item 59.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-1940P

**Item 59.2:**

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Upon request by the Department, the owner or operator of an emission source subject to 6 NYCRR Part 228-1 must determine the actual VOC content of an as applied coating by measuring the volatile content, water content, density, volume of solids, and weight of solids in accordance with EPA Reference Test Method 311 or Method 24, included in Appendix A of 40 CFR parts 63 and 60 respectively, to demonstrate compliance with the requirements of Part 228-1.

An alternate sampling method that has been approved by both the Department and the Administrator may be used when Method 311 and/or Method 24 are not appropriate.

Reference Test Method: EPA Reference Test Method 311 or 24

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 60: Capping Monitoring Condition**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-7.1**

**Item 60.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40 CFR 52.21

**Item 60.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 60.3:**

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.

**Item 60.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an

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applicable requirement.

**Item 60.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 60.6:**

The Compliance Certification activity will be performed for:

Emission Unit: U-604BL

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 60.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Sulfur dioxide (SO<sub>2</sub>) emissions from Emission Unit U-604BL shall not exceed 91.9 tons in any consecutive 12 month period.

The following AP-42 emission factors shall be used to determine SO<sub>2</sub> emissions:

Boilers #1 and #2

0.6 pounds of SO<sub>2</sub> per million cubic feet of natural gas burned  
78.5 pounds per SO<sub>2</sub> per 1000 gallons of number 2 oil burned

Boiler #3

0.6 pounds of SO<sub>2</sub> per million cubic feet of natural gas burned  
71.0 pounds of SO<sub>2</sub> per 1000 gallons of number 2 oil burned

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 91.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 11/29/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 61:      Capping Monitoring Condition**  
**Effective between the dates of 03/07/2017 and 03/06/2022**



**Applicable Federal Requirement:6 NYCRR 201-7.1**

**Item 61.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-2

**Item 61.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 61.3:**

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.

**Item 61.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 61.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 61.6:**

The Compliance Certification activity will be performed for:

Emission Unit: U-604BL

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 61.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

NOx emissions from Emission Unit U-604BL shall not exceed  
77.1 tons in any consecutive 12 month period.

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The following AP-42 emission factors shall be used to determine NOx emissions:

Boilers #1 and #2

140 pounds of NOx per million cubic feet natural gas burned

24 pounds of NOx per 1000 gallons of number 2 oil burned

Boiler #3

50 pounds of NOx per million cubic feet of natural gas burned

29 pounds of NOx per 1000 gallons of number 2 oil burned

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 77.1 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 11/29/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 62: Compliance Certification**

**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:40CFR 60.44b(a)(1), NSPS Subpart Db**

**Item 62.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-604BL

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 62.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOx emissions from Boiler #1 or #2 shall not exceed 0.20 pounds per million BTU. Compliance with this emission limit is determined on a 30 day rolling average basis.

The facility must utilize a continuous emission monitoring system to measure NOx emissions and demonstrate compliance with the limit. NOx shall be measured directly with a stack sampling system and a chemiluminescence detector as well as a paramagnetic detector for oxygen. The integrity

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of the excess oxygen data must be evaluated using oxygen calibration gases. Quality assurance and quality control procedures must also be followed. NOx emissions will be determined on a hourly basis.

Manufacturer Name/Model Number: Thermo Fisher Model 42iLS NOx/O2  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 0.20 pounds per million Btus  
Reference Test Method: 40 CFR 60 Appendix B PS-2 and Appendix F  
Monitoring Frequency: HOURLY  
Averaging Method: 30-DAY ROLLING AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 60 days after the reporting period.  
The initial report is due 5/30/2017.  
Subsequent reports are due every 3 calendar month(s).

**Condition 63: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement: 40CFR 60.46b(e), NSPS Subpart Db**

**Item 63.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-604BL

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 63.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

To determine compliance with the NOx emission limit, pursuant to 60.44b, the owner or operator of Boilers #1 and #2 shall conduct a performance test as required under 60.8 using the continuous system for monitoring NOx. For this initial test, NOx from either boiler is monitored for 30 successive operating days and a 30 day average is used to determine compliance. The 30 day average is calculated as the average of all hourly emissions data recorded by the monitoring system during the 30 day test period. Test results shall be submitted to the Department within 60 days after the completion of the test.

Manufacturer Name/Model Number: Thermo Fisher Model 42iLS NOx/O2  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 0.20 pounds per million Btus  
Reference Test Method: 40 CFR 60 Appendix B PS-2 and Appendix F  
Monitoring Frequency: SINGLE OCCURRENCE  
Averaging Method: 30-DAY AVERAGE



Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 64: Use of alternative methods for measuring NO<sub>x</sub> during CEMS downtime**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:40CFR 60.48b(f), NSPS Subpart Db**

**Item 64.1:**

This Condition applies to Emission Unit: U-604BL

**Item 64.2:**

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

**Condition 65: Compliance Certification**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:40CFR 60.49b(g), NSPS Subpart Db**

**Item 65.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-604BL

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 65.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

- 1) Calendar date.
- 2) The average hourly nitrogen oxides emission rates (expressed as NO<sub>2</sub>) (ng/J or lb/million Btu heat input) measured or predicted.
- 3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceding 30 steam generating unit operating days.



- 4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
- 5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
- 6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
- 7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
- 8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
- 9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
- 10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 66: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement: 40CFR 60.48c(g), NSPS Subpart Dc**

**Item 66.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-604BL

**Item 66.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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**Condition 67: Compliance Certification**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:6 NYCRR 227-1.3 (a)**

**Item 67.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-604BL

Emission Point: STK02

**Item 67.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average utilizing a continuous opacity monitor (COM).

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2017.

Subsequent reports are due every 3 calendar month(s).

**Condition 68: Compliance Certification**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable Federal Requirement:6 NYCRR 227-1.4 (b)**

**Item 68.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-604BL

Emission Point: STK02

**Item 68.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary combustion installation which utilizes a continuous opacity monitoring system (COMS) shall include the following in their quarterly excess emission reports:

1) Magnitude, date, and time of each exceedence;

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- 2) For each period of excess emissions, specific identification of the cause and corrective action taken;
- 3) Date, time, and duration of each period of COMS downtime, and the corrective action for each period of downtime;
- 4) Total time the COMS is required to record data during the reporting period;
- 5) The total number of exceedences and the duration of exceedences expressed as a percentage of the total time in which the COMS are required to record data; and
- 6) Such other requirements as the Department may deem necessary in order to enforce Article 19 of the Environmental Conservation Law (ECL).

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2017.

Subsequent reports are due every 3 calendar month(s).

**Condition 69: Compliance Certification**

**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement: 6 NYCRR 227-1.2 (a) (1)**

**Item 69.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-604BL

Emission Point: STK02

Process: 006

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 69.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow an emission into the outdoor atmosphere of particulates in excess of 0.10 pounds per million BTU heat input from any stationary combustion installation with a total heat input capacity exceeding 250 million BTU per hour using oil.

If oil becomes the primary fuel, emission testing will be required to ascertain compliance with the particulate

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limit. Testing will be performed while Boiler #3 is operating simultaneously with Boiler #1 or #2. Within 180 days after deciding to burn oil, the facility shall submit to the Department a test protocol of the methods and procedures to be used. After approval of the test protocol, the facility shall perform the test and then submit the test results.

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 70: Capping Monitoring Condition**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-7.1**

**Item 70.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-2

**Item 70.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 70.3:**

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.

**Item 70.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 70.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

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**Item 70.6:**

The Compliance Certification activity will be performed for:

Emission Unit: U-604GN

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 70.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

NOx emissions from the emergency generator shall not exceed 24.0 tons in any consecutive 12 month period. An emission factor, based on generator manufacturer specifications, of 29.35 pounds of NOx per hour of generator operation will be used to determine NOx emissions.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 24.0 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 11/29/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 71: Compliance Certification**

**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 231-2.2 (b) (2)**

**Item 71.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-700SC

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 71.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To achieve the 1.3 to 1 emission offset and LAER requirements, total NOx emissions from Emission Unit U-700SC shall not exceed 6.35 tons per year on a rolling

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12 month basis.

The following emission factors (from AP-42) shall be used to calculate NOx emissions:

for boilers burning no.2 fuel oil: 20 pounds per 1000 gallons

for boilers burning propane: 14 pounds per 1000 gallons

for boilers burning natural gas: 100 pounds per million cubic feet

for emergency generators >600 HP: 0.024 pounds per HP-hour

for emergency generators <600 HP: 0.031 pounds per HP-hour

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 72: Compliance Certification**

**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 231-2.5**

**Item 72.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-700SC

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 72.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A Lowest Achievable Emission Rate (LAER) must be achieved for NOx emissions from the boilers and is established to be an 80 percent reduction in potential NOx emissions.

The following limitations apply in any consecutive 12 month period:

1. Kimsey Athletic Center boilers

NOx emissions: 4386 pounds

Natural gas usage: 43.86 million cubic feet

2. Cadet Crew & Sailing Center boiler

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NOx emissions: 308 pounds  
No. 2 oil usage: 15,400 gallons

A record of monthly NOx emissions and fuel usage shall be maintained.

Monitoring Frequency: MONTHLY  
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 73: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 231-2.5**

**Item 73.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-700SC

**Item 73.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

A Lowest Achievable Emission Rate (LAER) must be achieved for NOx emissions from the generators. The following limitations on the hours of operation shall apply in any consecutive 12 month period:

Kimsey Athletic Center generator: 150 hours  
Press Box generator: 150 hours  
Arvin Gym generator: 90 hours

Each generator will be equipped with a clock gauge to measure and display the elapsed run time (in hours). A record of the run time shall be maintained.

Monitoring Frequency: MONTHLY  
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 74: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 231-2.6**

**Item 74.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-700SC

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Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 74.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In order to construct and operate the emission sources comprising Emission Unit U-700SC and as stated in 6NYCRR Part 231-2.12, the facility must comply with a NOx emission offset ratio of 1.3 to 1. To satisfy this requirement, the facility has obtained and shall use Emission Reduction Credits (ERCs) from the following sources:

Facility: Crown Cork & Seal Co., Inc.  
Philadelphia, PA

Contaminant: NOx

Quantity: 8.26 tons per year

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-9: Capping Monitoring Condition**

**Effective between the dates of 11/30/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-7.1**

**Item 1-9.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-6

**Item 1-9.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 1-9.3:**

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.

**Item 1-9.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the

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facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 1-9.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 1-9.6:**

The Compliance Certification activity will be performed for:

Emission Unit: U-706GN

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 1-9.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The total operating time of the two diesel generators at the Athletic Department Maintenance Building shall not exceed 1700 hours per year. Operating time from a non re-settable engine clock will be recorded in a log book. This limit results in potential NOx emissions from the generators being less than the significant project threshold of 2.5 tons per year.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 1700 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 11/29/2018.

Subsequent reports are due every 12 calendar month(s).

**Condition 76: Compliance Certification**

**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 227-2.4 (d)**

**Item 76.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-714BL



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Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 76.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 11/29/2017.

Subsequent reports are due every 12 calendar month(s).

**Condition 77: Compliance Certification**

**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:40CFR 60.48c(g)(2), NSPS Subpart Dc**

**Item 77.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-714BL

**Item 77.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall maintain a record of the amount of fuel combusted each month.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 78: Capping Monitoring Condition**

**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-7.1**

**Item 78.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

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6 NYCRR Subpart 231-2

**Item 78.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 78.3:**

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.

**Item 78.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 78.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 78.6:**

The Compliance Certification activity will be performed for:

Emission Unit: U-847SC

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 78.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The hours of operation of the South Dock and Spellman Hall emergency generators shall be monitored and recorded monthly, in order to assure that NOx emissions from Emission Unit U-847SC are within the stated permit limit.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 1.98 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)



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Reports due 60 days after the reporting period.  
The initial report is due 11/29/2017.  
Subsequent reports are due every 12 calendar month(s).

**Condition 79: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (b)**

**Item 79.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-950LF                      Emission Point: STK23  
Process: 044

**Item 79.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Potential emissions from the landfill gas and flare are based on a maximum gas collection rate of 40.0 cubic feet per minute. Process operation is limited to this flow rate. To assure compliance, the facility shall install, operate, and maintain a flow meter for monitoring the flow rate of the gas collected from the landfill. The flow rate shall be read and recorded on a monthly basis.

Parameter Monitored: FLOW RATE  
Upper Permit Limit: 40.0 cubic feet per minute  
Monitoring Frequency: MONTHLY  
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 80: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

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

**Item 80.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-950LF                      Emission Point: STK23  
Process: 044                                      Emission Source: 00175

**Item 80.2:**

Compliance Certification shall include the following monitoring:

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

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**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 process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 81: Compliance Certification**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable Federal Requirement:6 NYCRR 231-11.2**

**Item 81.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-KELL1

**Item 81.2:**

Compliance Certification shall include the following monitoring:

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

**Monitoring Description:**

Operation of the emergency generators at Keller Hospital is limited to 250 hours per year each. A record shall be kept of generator monthly run time. This limit results in potential NOx emissions from these generators being less than the significant project threshold of 2.5 tons per year.

Parameter Monitored: HOURS OF OPERATION

Upper Permit Limit: 250 hours per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

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: 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 applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.**

**Condition 82: Contaminant List**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:ECL 19-0301**

**Item 82.1:**  
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000127-18-4  
Name: PERCHLOROETHYLENE

CAS No: 007446-09-5  
Name: SULFUR DIOXIDE

CAS No: 007783-06-4  
Name: HYDROGEN SULFIDE

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

CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0  
Name: VOC

**Condition 83: Malfunctions and start-up/shutdown activities**  
**Effective between the dates of 03/07/2017 and 03/06/2022**



**Applicable State Requirement:6 NYCRR 201-1.4**

**Item 83.1:**

(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 84: Visible Emissions Limited**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 84.1:**

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.

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**Condition 1-10: Compliance Demonstration**  
Effective between the dates of 11/30/2017 and 03/06/2022

**Applicable State Requirement:6 NYCRR 212-2.3 (b)**

**Item 1-10.1:**

The Compliance Demonstration activity will be performed for the facility:  
The Compliance Demonstration applies to:

Emission Unit: 1-WWTMP                      Emission Point: STK27

Emission Unit: 1-WWTMP                      Emission Point: STK28

Emission Unit: 1-WWTMP                      Emission Point: STK29

Regulated Contaminant(s):  
CAS No: 007783-06-4                      HYDROGEN SULFIDE

**Item 1-10.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Air dispersion modeling must demonstrate that hydrogen sulfide emissions do not exceed annual and short-term guideline concentrations. The modeling has been completed and the results must be kept at the facility.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 85: Compliance Demonstration**  
Effective between the dates of 03/07/2017 and 03/06/2022

**Applicable State Requirement:6 NYCRR 225-3.3**

**Item 85.1:**

The Compliance Demonstration activity will be performed for the facility:  
The Compliance Demonstration applies to:

Emission Unit: U-1202G

Emission Unit: U-1940P

Emission Unit: U-907GS

**Item 85.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) No person shall sell or supply gasoline having a Reid



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vapor pressure (RVP) greater than 9.0 pounds per square inch (psi) as sampled and tested by methods acceptable to the Department, during the period May 1st through September 15th of each year.

(b) The facility shall maintain the following records pertaining to the gasoline delivered:

(1) A certification that the Reid vapor pressure of the gasoline for each delivery from May 1st through September 15th conforms to the maximum allowable value of 9.0 psi.

(2) Documentation, as provided by the supplier, of the highest value of the RVP of all gasoline received from May 1st through September 15th of each year.

(3) Documentation of the shipment quantity and date of each gasoline delivery.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 86: Leak check requirements.**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 232.7 (a)**

**Item 86.1:**

This Condition applies to:

Emission Unit: U845P3

**Item 86:**

The trained operator must inspect the dry cleaning system for perceptible liquid and vapor leaks and other fugitive emissions. The trained operator, or a designee, must record the status of each component on a checklist supplied by the New York State Department of Environmental Conservation (NYSDEC). Completed checklists must be kept for at least five years from the date of the inspection.

**Item 86.2:**

The dry cleaning system must be inspected at least weekly for vapor leaks using one the following devices or methods for detecting vapor leaks:

- (1) a halogenated-hydrocarbon detector;
- (2) a portable gas analyzer;
- (3) an air sampling pump and colorimetric tube; or
- (4) an alternative method approved by the NYSDEC.

**Item 86.3.4:**

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The equipment referenced above must be properly calibrated prior to use.

**Condition 87: System components which must be inspected weekly.  
Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 232.7 (b)**

**Item 87.1:**

This Condition applies to:

Emission Unit: U845P3

**Item 87.2:**

The following components of the dry cleaning system must be inspected weekly for perceptible liquid and vapor leaks and for proper operation as required by 6 NYCRR Part 232.8 while the dry cleaning system is in operation:

- (1) hose and pipe connections, fittings, couplings, and valves;
- (2) door gaskets and seatings;
- (3) filter gaskets and seatings;
- (4) pumps;
- (5) solvent (including spent solvent) tanks and containers;
- (6) water/solvent separators;
- (7) muck cookers;
- (8) stills;
- (9) exhaust dampers;
- (10) diverter valves; and
- (11) cartridge filter housings.

**Condition 88: Leak inspection and self monitoring requirements --  
monitoring carbon adsorber vents.  
Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 232.7 (c)**

**Item 88.1:**

This Condition applies to:

Emission Unit: U845P3

**Item 88.2:**

Carbon adsorber vents must be tested weekly using colorimetric detector tubes or portable halogen detectors as required by reference method 21 or equivalent, and the test results must be noted on the checklist.

**Condition 89: Leak detection and self monitoring requirements --  
equipment repair.  
Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 232.7 (g)**

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**Item 89.1:**

This Condition applies to:

Emission Unit: U845P3

**Item 89.2:**

Any liquid leak, vapor leak, or malfunction that is detected by the operator must be noted on the checklist, and if at all possible, repaired immediately.

If the leak cannot be repaired at the time of detection, then the leaking component must be physically marked or tagged in a manner that is readily observable by an inspector and must be repaired within 24 hours of detection unless repair parts are unavailable.

If repair parts are not available at the dry cleaning facility, then the parts must be ordered within two working days of detecting such a leak. Such repair parts must be installed within five working days after receipt.

Equipment with a leak that has not been repaired by the end of the 15th working day after detection must not be operated until the leak is repaired, unless the dry cleaning facility owner or operator receives a leak-repair extension from the New York State Department of Environmental Conservation.

Once a repair is completed, the completion date must be recorded on the checklist.

Where a hazard is imminent or has already occurred, remedial action must be taken immediately.

**Condition 90: Operation and maintenance requirements that are applicable to all dry cleaning facilities that use perchloroethylene are incorporated into this condition. Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement: 6 NYCRR 232.8**

**Item 90.1:**

This Condition applies to:

Emission Unit: U845P3

**Item 90:**

Dry cleaning facilities must be maintained and operated to minimize the release of perchloroethylene to the environment.

**Item 90.2:**

The operator must operate and maintain all components of the dry cleaning system in accordance with the requirements of 6 NYCRR Part 232 and the conditions set forth in this permit. For operations not specifically addressed, the components must be operated and maintained in accordance with the manufacturer's recommendations. The facility operator must retain on site a copy of the design specifications and the operating manuals for each dry cleaning system and each emission control device located at the dry cleaning facility.

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**Item 90.3.4:**

Each operation and maintenance function and the date performed must be recorded on the checklist provided by the New York State Department of Environmental Conservation. Completed checklists must be maintained on site for at least five years from the date of each respective checklist.

**Condition 91: Compliance Demonstration**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 232.8 (d) (7)**

**Item 91.1:**

The Compliance Demonstration activity will be performed for the facility:  
The Compliance Demonstration applies to:

Emission Unit: U-845P3

**Item 91.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Preparedness and prevention.

(i) All dry cleaning operations must be equipped with the following:

(a) adequate spill control equipment including sorbent materials, or alternative method for absorbing spills;

(b) vapor-proof containers for storing spill-contaminated material; and

(c) fire control equipment.

(ii) The facility owner must maintain aisle space to allow proper inspection of the dry cleaning equipment.

(iii) A reasonable supply of spare parts for repairing dry cleaning equipment must be available at the dry cleaning facility.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 92: Recording and record keeping.**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 232.12**



**Item 92.1:**

This Condition applies to:

Emission Unit: U845P3

**Item 92:**

Operators of all dry cleaning facilities or their designees must record the following:

- (1) the date, duration, and nature of any malfunction, spill, incident, or emergency response at the facility as outlined in 6 NYCRR Part 232.11;
- (2) the date of maintenance on any air cleaning component or exhaust system (such as the regeneration and/or replacement of the carbon in a carbon adsorber);
- (3) The number of loads between regeneration of the carbon in a carbon adsorber, cleaning and replacement of lint filters and carbon adsorber pre-filters, and repair or replacement of exhaust fans;
- (4) the amount of activated carbon in carbon adsorbers (dry weight in pounds);
- (5) the date of maintenance of drying sensors;
- (6) the date and volume of hazardous waste shipments; and
- (7) the dates when the carbon cartridge on the wastewater treatment unit was replaced.

**Item 92.2:**

Each owner or operator of a dry cleaning facility must keep receipts of perchloroethylene (perc) purchases, a log of the following information, maintain such information on site, and provide it upon request for a period of five years:

- (1) the volume of perc purchased each month by the dry cleaning facility as recorded from perc purchases (if no perc was purchased during a given month, the amount entered into the log would be zero); and
- (2) the owner must perform the following calculation on the first day of every month:
  - (i) sum the volume of all perc purchases made in each of the previous twelve months as recorded in the aforementioned log;
  - (ii) if no perc purchases were made in a given month, then the perc consumption for that month was zero;
  - (iii) the sum total calculated is the yearly perc consumption at the facility.

**Item 92.3:**

Each owner or operator of a dry cleaning facility must record the following information on an inspection checklist as described in 6 NYCRR Part 232.7:

- (1) the dates when the dry cleaning system components are inspected for perceptible leaks and the name and location of dry cleaning system components where perceptible leaks were detected;

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(2) the dates of repair and records of written or verbal orders for repair parts.

**Item 92.4:**

Each owner or operator of a dry cleaning facility must retain on site copies of the operation and maintenance checklists and compliance inspection reporting forms.

**Item 92.5:**

Each owner or operator of a dry cleaning facility must retain on site a copy of the design specifications and the operating manuals for each dry cleaning system and each emission control device located at the facility.

**Item 92.6.7:**

All records must be maintained on site for at least five years and must be made available to the New York State Department of Environmental Conservation upon written or verbal request.

**Condition 93: Posting notice -- applicable for all dry cleaning facilities which use perchloroethylene.  
Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 232.18**

**Item 93.1:**

The facility owner must post a notice prepared and supplied by the New York State Department of Environmental Conservation. This notice must be posted in a conspicuous location in the dry cleaning facility in order to inform building tenants and/or customers of the substances used in the dry cleaning system and the potential health effects associated with exposure to these substances.

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

**Condition 94: Compliance Demonstration  
Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 227-1.4 (a)**

**Item 94.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-604BL

Emission Point: STK02

**Item 94.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The continuous opacity monitoring system must maintained in accordance with the performance specifications in appendix B of title 40, part 60 of the Code of Federal Regulations.



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Reference Test Method: Appendix B, 40 CFR 60

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2017.

Subsequent reports are due every 3 calendar month(s).

**Condition 95: Compliance Demonstration**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 232.6 (a)**

**Item 95.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-845P3

**Item 95.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall comply with the following:

- (1) Each dry cleaning machine must have a primary emission control system consisting of a refrigerated condenser or an equivalent closed-loop vapor recovery system.
- (2) Each dry cleaning machine must have a secondary control system. Any integral carbon adsorber used as a secondary control system must be capable of reducing the perc concentration in the drum to 300 ppm or less. The perc concentration in the drum must be measured at least once per week.
- (3) Each dry cleaning machine must be equipped with a spill containment system capable of containing 125 percent of the capacity of the largest dry cleaning perc tank or vessel associated with the dry cleaning machine.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 96: Compliance Demonstration**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

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**Applicable State Requirement:6 NYCRR 232.6 (b) (1)**

**Item 96.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-845P3

Regulated Contaminant(s):

CAS No: 000127-18-4 PERCHLOROETHYLENE

**Item 96.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: AMBIENT AIR MONITORING

Monitoring Description:

Fugitive perc emissions from any part of the drycleaning system must not exceed 50 ppm at any time.

Parameter Monitored: PERCHLOROETHYLENE

Upper Permit Limit: 50 parts per million (by volume)

Reference Test Method: None

Monitoring Frequency: WEEKLY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 97: Compliance Demonstration**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 232.8 (d) (1)**

**Item 97.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-845P3

**Item 97.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The difference between the temperature of the air-perc vapor stream entering and exiting the refrigerated condenser must be greater than or equal to 20 degrees Fahrenheit. The temperature differential must determined and recorded at least weekly.

Parameter Monitored: TEMP. DIFF. BETWEEN INTAKE AND DISCHARGE

Lower Permit Limit: 20 degrees Fahrenheit

Monitoring Frequency: WEEKLY

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED



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VALUE - SEE MONITORING DESCRIPTION  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 98: Compliance Demonstration**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 232.8 (d) (1)**

**Item 98.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-845P3

**Item 98.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Refrigerated condensers must be operated to ensure that exhaust gases are recirculated until the air-vapor stream is 45 degrees Fahrenheit or less at the outlet. The outlet temperature shall be recorded on the weekly checklist.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 45 degrees Fahrenheit

Monitoring Frequency: WEEKLY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 99: Compliance Demonstration**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 232.14**

**Item 99.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-845P3

**Item 99.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) Except for the conditions stated in item (b) below, it is unlawful for any person to operate a dry cleaning facility subject to 6NYCRR Part 232 unless:

(1) the facility manager and/or owner has a current

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and valid Dry Cleaning Owner/Manager Certification;  
and

(2) the person operating the dry cleaning machine has a current and valid Dry Cleaning Operator Certification.

(b) In the event that an unforeseen or unpredictable situation occurs, the owner/manager will be allowed to continue operation with a non-certified operator for a period not to exceed three days per occurrence. Under no circumstances may an uncertified operator operate dry cleaning equipment at the facility for a total of more than ten days in any calendar year. If the use of an uncertified operator would cause nonperformance of required maintenance and leak detection, the facility must suspend dry cleaning operations until a certified operator is available. Vacations or other scheduled absences are not considered to be unforeseen or unpredictable situations.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 100: Compliance Demonstration**  
**Effective between the dates of 03/07/2017 and 03/06/2022**

**Applicable State Requirement:6 NYCRR 232.16**

**Item 100.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-845P3

**Item 100.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The dry cleaning system must be inspected at least annually by an inspector registered with the New York State Department of Environmental Conservation or by an individual working under the supervision of a registered inspector. A report of the inspection must be submitted to the Department within 45 days of the inspection. The facility must repair any leak or malfunction found by the inspector within the time frames set forth in 6NYCRR Part 232.7, and must be reinspected within one month.

Monitoring Frequency: ANNUALLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION