

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility

Permit ID: 5-5336-00012/00001

Effective Date: 03/20/2008

Expiration Date: No expiration date

Permit Issued To: HAMPTON BIOFUELS INDUSTRIES INC
1500 BROADWAY - STE 2003
NEW YORK, NY 10036

Contact: CHUCK FEINBERG
HAMPTON BIOFUELS INDUSTRIES INC
1500 BROADWAY - STE 2003
NEW YORK, NY 10036
(212) 609-3509

Facility: INNOVATION FUELS
CO RTE 11 - S SIDE - W OF GOLF COURSE LN
HAMPTON, NY 12887

Description:

The facility is a new, 50 million gallon per year biodiesel production facility. Low moisture vegetable oils, delivered by rail, will serve as the raw feedstock for the production process. The process involves combining the oils with excess alcohol (methanol) and a catalyst (sodium methylate) to produce biodiesel and a glycerin byproduct that will be refined and sold.

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: THOMAS W HALL
DIVISION OF ENVIRONMENTAL PERMITS
1115 ST RTE 86 PO BOX 296
RAY BROOK, NY 12977-0296

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

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and
Determinations

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

Permit modifications, suspensions or revocations by the Department

Facility Level

Submission of application for permit modification or renewal-REGION 5
SUBOFFICE - WARRENSBURG

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

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 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 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: 6NYCRR 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 expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for 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 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6NYCRR 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 expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

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

Condition 4: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6NYCRR 621.13

Item 4.1:

The Department reserves the right 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.

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

Item 4.1:

The Department reserves the right 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 5
SUBOFFICE - WARRENSBURG
Applicable State Requirement: 6NYCRR 621.6(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits
232 Golf Course Road, PO Box 220
Warrensburg, NY 12885-0220
(518) 623-1281

Permit ID: 5-5336-00012/00001

Facility DEC ID: 5533600012

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: HAMPTON BIOFUELS INDUSTRIES INC
1500 BROADWAY - STE 2003
NEW YORK, NY 10036

Facility: INNOVATION FUELS
CO RTE 11 - S SIDE - W OF GOLF COURSE LN
HAMPTON, NY 12887

Authorized Activity By Standard Industrial Classification Code:
2869 - INDUSTRIAL ORGANIC CHEMICALS, NEC

Permit Effective Date: 03/20/2008

Permit Expiration Date: No expiration date.

LIST OF CONDITIONS**DEC GENERAL CONDITIONS****General Provisions**

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

Facility Level

- Submission of application for permit modification or renewal-REGION 5 SUBOFFICE - WARRENSBURG

FEDERALLY ENFORCEABLE CONDITIONS**Facility Level**

- 1 6NYCRR 201-7.2: Facility Permissible Emissions
- *2 6NYCRR 201-7.2: Capping Monitoring Condition
- 3 6NYCRR 212.6(a): Compliance Demonstration
- 4 6NYCRR 229.3(e)(1): Compliance Demonstration
- 5 6NYCRR 236.5: Compliance Demonstration
- 6 40CFR 60.482-1, NSPS Subpart VV: Compliance Demonstration

Emission Unit Level**EU=1-1FBDP,Proc=BLR**

- 7 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 8 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration

EU=1-1FBDP,Proc=ETS

- 9 6NYCRR 236.3(a): Compliance Demonstration
- 10 6NYCRR 236.3(c): Compliance Demonstration
- 11 40CFR 60.487, NSPS Subpart VV: Compliance Demonstration
- 12 40CFR 60.662(a), NSPS Subpart NNN: Compliance Demonstration
- 13 40CFR 60.665(a), NSPS Subpart NNN: Notifications
- 14 40CFR 60.665(g), NSPS Subpart NNN: Compliance Demonstration
- 15 40CFR 60.665(l), NSPS Subpart NNN: Compliance Demonstration
- 16 40CFR 60.705(r), NSPS Subpart RRR: Compliance Demonstration

EU=1-1FBDP,Proc=MTH

- 17 40CFR 60.112b(a)(3), NSPS Subpart Kb: Compliance Demonstration
- 18 40CFR 60.113b(c), NSPS Subpart Kb: Testing and Procedures

STATE ONLY ENFORCEABLE CONDITIONS**Facility Level**

- 19 ECL 19-0301: Contaminant List
- 20 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 21 6NYCRR 201-5: Emission Unit Definition
- 22 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 23 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 24 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.

FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6NYCRR Part 200.5

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

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

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

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

Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6

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

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

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

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

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

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

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

Item E: Emergency Defense - 6NYCRR Part 201-1.5

An emergency constitutes an affirmative defense to an action brought 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 and/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;
- (3) During the period of the emergency the facility owner and/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 and/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 and/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 F: Recycling and Salvage - 6NYCRR Part 201-1.7

Where practical, any person who owns or operates an air

contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

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

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

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

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Required Emission Tests - 6 NYCRR Part 202-1.1

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

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

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.

Item L: Open Fires - 6 NYCRR Part 215

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

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

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

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Facility Permissible Emissions
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-7.2

Item 1.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000067-56-1 PTE: 19,000 pounds per year
Name: METHYL ALCOHOL

**Condition 2: Capping Monitoring Condition
Effective between the dates of 03/20/2008 and Permit Expiration Date****Applicable Federal Requirement:6NYCRR 201-7.2****Item 2.1:**

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:

6NYCRR 201-6.1(a)

Item 2.2:

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

Item 2.3:

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 2.4:

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 2.5:

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 2.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000067-56-1 METHYL ALCOHOL

Item 2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility- wide emissions of Methanol shall not exceed 9.5 tons per year as determined by summing monthly methanol emissions during any 12 month period. This caps the facility below the Title V threshold.

Records shall be maintained on-site which demonstrate compliance with the cap. These records shall include the mass emissions totaled over each month and the total mass emissions over each rolling 12 month period. Calculations are based on mass balance - Methanol emitted equals methanol used minus methanol removed from the site (contained in biodiesel, glycerin or waste).

Concentration of methanol in the products leaving the site will be measured 60 days after reaching full production of Phase One of the project and additionally as directed by the Department.

Monitoring Frequency: MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2009.
Subsequent reports are due every 12 calendar month(s).

Condition 3: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 212.6(a)

Item 3.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 3.2:
Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:
No person will cause or allow emissions having an average opacity during any 6 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 (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 4: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 229.3(e)(1)

Item 4.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000067-56-1 METHYL ALCOHOL

Item 4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emissions from methanol storage tanks shall be captured and vented to a control device used for emissions control from the production equipment. The collection system will be inspected monthly for leaks.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 5: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 236.5

Item 5.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall develop and implement a leak detection and repair plan consistent with the provisions of Part 236. The plan must contain as a minimum a list of process components subject to the provisions of this part, a copy of the log book format, and the make and model of the monitoring equipment to be used.

Quarterly reports must be submitted to the Department for the preceding quarterly monitoring period. These reports must be submitted within 15 days from the close of the quarter and shall consist of:

- (1) number and type of leaking components located, but not repaired within 15 days;
- (2) number and type of leaking components awaiting process unit shutdown for repair;

(3) number and type of leaking components inspected;

(4) number and type of leaking components repaired;

(5) elapsed time to repair each leaking component; and

(6) a signed statement by a duly authorized representative of the facility attesting to the fact that, with the exception of those components listed in 236.6(e)(1) and (2), all inspections and repairs were performed in accordance with the leak detection and repair plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 15 days after the reporting period.

The initial report is due 4/15/2008.

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

Condition 6: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.482-1, NSPS Subpart VV

Item 6.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Sec. 60.482-1 Standards: General.

1. Each owner or operator subject to the provisions of this subpart shall demonstrate compliance with the requirements of Secs. 60.482-1 through 60.482-10 for all equipment within 180 days of initial startup.

2. Compliance with Secs. 60.482-1 to 60.482-10 will be determined by review of records and reports, review of performance test results, and inspection using the methods and procedures specified in Sec. 60.485.

3. Equipment that is in vacuum service is excluded from the requirements of Secs. 60.482-2 to 60.482-10 if it is identified as required in Sec. 60.486(e)(5).

4. Reporting as required by Sec. 60.487.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
The initial report is due 7/30/2008.
Subsequent reports are due every 6 calendar month(s).

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

Condition 7: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date
Applicable Federal Requirement:40CFR 60.48c(a), NSPS Subpart Dc

Item 7.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 1-1FBDP
Process: BLR

Item 7.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator of an affected facility shall submit notification of the date of construction, anticipated startup, and actual startup, as provided by 40CFR60.7. The notification shall include the design heat input capacity of the affected facility and identification of fuels to be combusted.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 8: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date
Applicable Federal Requirement:40CFR 60.48c(g), NSPS Subpart Dc

Item 8.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 1-1FBDP
Process: BLR

Item 8.2:
Compliance Demonstration 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

Condition 9: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 236.3(a)

Item 9.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-1FBDP

Process: ETS

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator of a synthetic organic chemical manufacturing facility must monitor each of the following process unit components for leaks, on a quarterly schedule:

- (1) each pump in light liquid service;
- (2) each compressor in gas/vapor service;
- (3) each valve in light liquid service; and
- (4) each valve in gas/vapor service.

Leaks detected in any of the monitored components must be repaired in accordance with the provisions set forth in section 236.4.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 15 days after the reporting period.

The initial report is due 4/15/2008.

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

Condition 10: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 236.3(c)

Item 10.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-1FBDP

Process: ETS

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator of a synthetic organic chemical manufacturing facility must also comply with the following component standards:

(1) Pumps in light liquid service must be visually inspected each calendar week for evidence of liquids dripping. Any leaks detected during visual inspection must be repaired in accordance with Part 236.4.

(2) Pressure relief devices in gas/vapor service must be monitored for leaks within 5 days of an over-pressure release. Any leaks detected during monitoring must be repaired in accordance with Part 236.4.

(3) Open-ended valves or lines in gas/vapor or light liquid service must be sealed with either a second valve, blind flange, cap, or plug. The sealing device may only be removed while a sample is being taken or during maintenance operations:

(i) When a second valve is used, each open-ended line or valve equipped with a second valve shall be operated in such a manner that the valve on the process fluid end is closed before the second valve is closed, and

(ii) When a double block-and-bleed system is used, the bleed valve or line may remain open only during operations that require venting of the line between the block valves, but shall be closed at all other times.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 11: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.487, NSPS Subpart VV

Item 11.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-1FBDP

Process: ETS

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) Each owner or operator subject to the provisions of this subpart shall submit semiannual reports to the

Administrator beginning six months after the initial startup date.

(b) The initial semiannual report to the Administrator shall include the following information:

- (1) Process unit identification.
- (2) Number of valves subject to the requirements of Sec. 60.482-7, excluding those valves designated for no detectable emissions under the provisions of Sec. 60.482-7(f).
- (3) Number of pumps subject to the requirements of Sec. 60.482-2, excluding those pumps designated for no detectable emissions under the provisions of Sec. 60.482-2(e) and those pumps complying with Sec. 60.482-2(f).
- (4) Number of compressors subject to the requirements of Sec. 60.482-3, excluding those compressors designated for no detectable emissions under the provisions of Sec. 60.482-3(i) and those compressors complying with Sec. 60.482-3(h).

(c) All semiannual reports to the Administrator shall include the following information, summarized from the information in Sec. 60.486:

- (1) Process unit identification.
- (2) For each month during the semiannual reporting period,
 - (i) Number of valves for which leaks were detected as described in Sec. 60.482(7)(b) or Sec. 60.483-2,
 - (ii) Number of valves for which leaks were not repaired as required in Sec. 60.482-7(d)(1),
 - (iii) Number of pumps for which leaks were detected as described in Sec. 60.482-2(b) and (d)(6)(i),
 - (iv) Number of pumps for which leaks were not repaired as required in Sec. 60.482-2(c)(1) and (d)(6)(ii),
 - (v) Number of compressors for which leaks were detected as described in Sec. 60.482-3(f),
 - (vi) Number of compressors for which leaks were not repaired as required in Sec. 60.482-3(g)(1), and
 - (vii) The facts that explain each delay of repair and, where appropriate, why a process unit shutdown was technically infeasible.
- (3) Dates of process unit shutdowns which occurred within the semiannual reporting period.
- (4) Revisions to items reported according to paragraph (b) if changes have occurred since the initial report or subsequent revisions to the initial report.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

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

Condition 12: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.662(a), NSPS Subpart NNN

Item 12.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-1FBDP
Process: ETS

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

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Within 60 days of achieving the maximum production rate at which the affected facility [as defined in 40CFR, Subpart NNN, Sec.60.660(b)] will be operated, the owner or operator shall perform a stack test to demonstrate compliance with one of the following options:

(1) Reduce emissions of TOC (less methane and ethane) by 98 percent (by weight) or;

(2) Reduce emissions of TOC (less methane and ethane) to a concentration of 20 ppmv or less, on a dry basis corrected to 3 percent oxygen.

Additional testing may be required at the direction of the permitting authority.

Parameter Monitored: DESTRUCTION EFFICIENCY

Lower Permit Limit: 98 percent

Reference Test Method: method 18

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 13: Notifications
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.665(a), NSPS Subpart NNN

Item 13.1:

This Condition applies to Emission Unit: 1-1FBDP
Process: ETS

Item 13.2:

DEC shall be notified of the specific provisions of §60.662 with which the facility has elected to comply. Notification shall be submitted with the notification of initial start-up required by §60.7(a)(3). If the facility elects to use an alternative provision of §60.662 to comply, DEC shall be notified 90 days before implementing a change and, upon implementing the change, a performance test shall be performed as specified by §60.664 within 180 days.

**Condition 14: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date****Applicable Federal Requirement:40CFR 60.665(g), NSPS Subpart NNN****Item 14.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-1FBDP
Process: ETS

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall keep up-to-date , readily accessible continuous records of absorbing liquid temperature and absorbing liquid specific gravity as well as up-to-date and readily accessible records of periods of operation where the 3 hour block average of temperature was more than 20 degrees F above the temperature during the most recent stack test and when the 3 hour block average of specific gravity was more than 0.1 unit above or 0.1 unit below the specific gravity during the most recent stack test.

The Administrator may at any time require a report of these data.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 15: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date****Applicable Federal Requirement:40CFR 60.665(l), NSPS Subpart NNN****Item 15.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-1FBDP
Process: ETS

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator required to install a continuous monitoring device shall submit excess emissions and monitoring systems performance report and-or summary report form [see paragraph (d) 40CFR60.7] to the Administrator semiannually. All reports shall be postmarked by the 30th day following the end of each six-month period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

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

Condition 16: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.705(r), NSPS Subpart RRR

Item 16.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-1FBDP

Process: ETS

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner/operator whose reactor process vent stream is routed to a distillation unit subject to subpart NNN and who seeks to demonstrate compliance with §60.700(c)(5) shall submit to the New York State DEC a process design description as part of the initial report. This process design description must be retained for the life of the process. No other records or reports would be required unless process changes are made.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 17: Compliance Demonstration
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.112b(a)(3), NSPS Subpart Kb

Item 17.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-1FBDP

Process: MTH

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In order to comply with Subpart Kb by use of a closed vent system and control device, the control device shall be designed and operated to reduce inlet VOC emissions by 95 percent or greater. The owner or operator is to submit an operating plan containing the following information:

1. Documentation demonstrating that the control device will achieve the required control efficiency during maximum loading conditions.
2. A description of the parameter or parameters to be monitored to ensure that the control device will be operated in conformance with its design, and an explanation of the criteria used for selection of that parameter (or parameters).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 18: Testing and Procedures**Effective between the dates of 03/20/2008 and Permit Expiration Date****Applicable Federal Requirement:40CFR 60.113b(c), NSPS Subpart Kb****Item 18.1:**This Condition applies to Emission Unit: 1-1FBDP
Process: MTH**Item 18.2:**

A control device as required in Section 60.112b(a)(3) or (b)(2) (other than a flare) is exempt from Section 60.8 of the General Provisions and shall meet the following requirements:

(1) Submit for approval by the Administrator as an attachment to the notification required by Section 60.7(a)(1) an operating plan containing the information listed below:

(i) Documentation demonstrating that the control device will achieve the required control efficiency during maximum loading conditions. This documentation is to include a description of the gas stream which enters the control device, including flow and VOC content under varying liquid level conditions and manufacturer's design specification for the control device. If the control device or the closed vent capture system receives vapors, gases or liquids other than fuels from sources that are not designated sources under this subpart, the efficiency demonstration is to include consideration of all vapors, gases and liquids received by the closed vent capture system and control device. If an enclosed combustion device with a minimum residence time of 0.75 seconds and a minimum temperature of 816 degrees C is used to meet the 95% requirement, documentation that these conditions will exist is sufficient to meet the requirements of this paragraph.

(ii) A description of the parameter to be monitored to ensure that the control device will be operated

in conformance with its design and an explanation of the criteria used for selection of that parameter.

(2) Operate the closed vent system and control device and monitor the parameters of the closed vent system and control device in accordance with the operating plan submitted to the Administrator in accordance with paragraph (c)(1) of this section, unless the plan was modified by the Administrator during the review process. In this case, the modified plan applies.

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

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1), and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

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 only enforceable.

Condition 19: Contaminant List

Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 19.1:

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

CAS No: 000067-56-1
Name: METHYL ALCOHOL

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

Condition 20: Unavoidable noncompliance and violations
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-1.4

Item 20.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment 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 commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) 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.

Condition 21: Emission Unit Definition
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 21.1:

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

Emission Unit: 1-1FBDP

Emission Unit Description:

This emission unit consists of biodiesel production plant operations.

Building(s): PH1PB

PH1TF

PH2PB

PH2TF

Condition 22: Air pollution prohibited
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 211.2

Item 22.1:

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.

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

Condition 23: Emission Point Definition By Emission Unit
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 23.1:

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

| | | | |
|------------------------|-------------------|--|-----------------|
| Emission Unit: 1-1FBDP | | | |
| Emission Point: SV001 | | | |
| Height (ft.): 30 | Diameter (in.): 6 | | Building: PH1PB |
| Emission Point: SV002 | | | |
| Height (ft.): 30 | Diameter (in.): 6 | | Building: PH2PB |
| Emission Point: SV003 | | | |
| Height (ft.): 30 | Diameter (in.): 6 | | Building: PH1PB |
| Emission Point: SV004 | | | |
| Height (ft.): 30 | Diameter (in.): 6 | | Building: PH2PB |
| Emission Point: SV005 | | | |
| Height (ft.): 30 | Diameter (in.): 6 | | Building: PH2PB |
| Emission Point: SV006 | | | |
| Height (ft.): 30 | Diameter (in.): 4 | | Building: PH1TF |
| Emission Point: SV007 | | | |
| Height (ft.): 30 | Diameter (in.): 4 | | Building: PH2TF |
| Emission Point: SV008 | | | |
| Height (ft.): 30 | Diameter (in.): 4 | | Building: PH1TF |
| Emission Point: SV009 | | | |
| Height (ft.): 30 | Diameter (in.): 4 | | Building: PH1TF |
| Emission Point: SV010 | | | |
| Height (ft.): 30 | Diameter (in.): 4 | | Building: PH1TF |
| Emission Point: SV011 | | | |
| Height (ft.): 30 | Diameter (in.): 4 | | Building: PH1TF |
| Emission Point: SV012 | | | |
| Height (ft.): 30 | Diameter (in.): 4 | | Building: PH2TF |
| Emission Point: SV013 | | | |
| Height (ft.): 30 | Diameter (in.): 4 | | Building: PH2TF |
| Emission Point: SV014 | | | |

| | | |
|---|-------------------|-----------------|
| Height (ft.): 30 | Diameter (in.): 4 | Building: PH2TF |
| Emission Point: SV015 Height (ft.): 30 | Diameter (in.): 4 | Building: PH2TF |
| Emission Point: SV016 Height (ft.): 30 | Diameter (in.): 4 | Building: PH1TF |
| Emission Point: SV017 Height (ft.): 30 | Diameter (in.): 4 | Building: PH1TF |
| Emission Point: SV018 Height (ft.): 30 | Diameter (in.): 4 | Building: PH1TF |
| Emission Point: SV019 Height (ft.): 30 | Diameter (in.): 4 | Building: PH1TF |
| Emission Point: SV020 Height (ft.): 30 | Diameter (in.): 4 | Building: PH1TF |
| Emission Point: SV021 Height (ft.): 30 | Diameter (in.): 4 | Building: PH1TF |
| Emission Point: SV022 Height (ft.): 30 | Diameter (in.): 4 | Building: PH1TF |
| Emission Point: SV023 Height (ft.): 30 | Diameter (in.): 4 | Building: PH1TF |
| Emission Point: SV024 Height (ft.): 30 | Diameter (in.): 4 | Building: PH2TF |
| Emission Point: SV025 Height (ft.): 30 | Diameter (in.): 4 | Building: PH2TF |
| Emission Point: SV026 Height (ft.): 30 | Diameter (in.): 4 | Building: PH2TF |
| Emission Point: SV027 Height (ft.): 30 | Diameter (in.): 4 | Building: PH2TF |

| | | |
|---|-------------------|------------------------------------|
| Emission Point: SV028 Height (ft.): 30 | Diameter (in.): 4 | Building: PH2TF |
| Emission Point: SV029 Height (ft.): 30 | Diameter (in.): 4 | Building: PH2TF |
| Emission Point: SV030 Height (ft.): 30 | Diameter (in.): 4 | Building: PH2TF |
| Emission Point: SV031 Height (ft.): 30 | Diameter (in.): 4 | Building: PH2TF |
| Emission Point: SV032 Height (ft.): 30 | Diameter (in.): 4 | Building: PH2TF |
| Emission Point: SV033 Height (ft.): 30 | Diameter (in.): 4 | Building: PH1TF |
| Emission Point: SV034 Height (ft.): 30 | Diameter (in.): 4 | Building: PH2TF |
| Emission Point: SV035 Height (ft.): 30 | Diameter (in.): 6 | Building: PH1PB |
| Emission Point: SV036 Height (ft.): 30 | Diameter (in.): 6 | Building: PH2PB |
| Emission Point: SV037 Height (ft.): 30 | Diameter (in.): 4 | Building: PH1TF |
| Emission Point: SV038 Height (ft.): 30 | Diameter (in.): 4 | Building: PH2TF |
| Emission Point: SV039 Height (ft.): 30 | Length (in.): 36 | Width (in.): 36 Building: PH1PB |
| Emission Point: SV040 Height (ft.): 30 | Length (in.): 36 | Width (in.): 36 Building: PH2PB |

Condition 24: Process Definition By Emission Unit
Effective between the dates of 03/20/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 24.1:

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

Emission Unit: 1-1FBDP

Process: BDT

Process Description:

Biodiesel storage tanks and blending tanks. 8 Biodiesel tanks in phase 1 and 9 in phase 2. One blending tank in each phase.

Emission Source/Control: BDT17 - Process

Emission Source/Control: BPT02 - Process

Item 24.2:

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

Emission Unit: 1-1FBDP

Process: BLR

Process Description:

Two propane boilers. One in Phase 1 process building and one in Phase 2 process building.

Emission Source/Control: PBLR1 - Combustion

Design Capacity: 14 million Btu per hour

Emission Source/Control: PBLR2 - Combustion

Design Capacity: 20 million Btu per hour

Item 24.3:

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

Emission Unit: 1-1FBDP

Process: CAT

Process Description:

Catalyst: Sodium Methylate Storage Tanks. (One in each phase).

Emission Source/Control: SMTT2 - Process

Item 24.4:

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

Emission Unit: 1-1FBDP

Process: ETS

Process Description:

Two Direct Esterification Systems and five Transesterification System Lines. (One Direct Esterification system per phase and two Transesterification Systems in phase one and three in phase 2).

Emission Source/Control: CE01A - Control

Control Type: TUBE AND SHELL CONDENSER

Emission Source/Control: CE01B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: CE02A - Control
Control Type: TUBE AND SHELL CONDENSER

Emission Source/Control: CE02B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: CE03A - Control
Control Type: TUBE AND SHELL CONDENSER

Emission Source/Control: CE03B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: CE04A - Control
Control Type: TUBE AND SHELL CONDENSER

Emission Source/Control: CE04B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: CE05A - Control
Control Type: TUBE AND SHELL CONDENSER

Emission Source/Control: CE05B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: DEST1 - Process

Emission Source/Control: DEST2 - Process

Emission Source/Control: TEST1 - Process

Emission Source/Control: TEST2 - Process

Emission Source/Control: TEST3 - Process

Emission Source/Control: TEST4 - Process

Emission Source/Control: TEST5 - Process

Item 24.5:

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

Emission Unit: 1-1FBDP
Process: FGE
Process Description: Interior and exterior fugitive emissions.

Emission Source/Control: EFGEM - Process

Emission Source/Control: IFPB1 - Process

Emission Source/Control: IFPB2 - Process

Item 24.6:

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

Emission Unit: 1-1FBDP

Process: GST

Process Description:

Glycerin Storage Tanks. (Four tanks in phase 1 and four tanks in phase 2).

Emission Source/Control: GLCT8 - Process

Item 24.7:

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

Emission Unit: 1-1FBDP

Process: MTH

Process Description:

Methanol Storage Tanks - one in phase 1 and one in phase 2.

Emission Source/Control: CE01A - Control

Control Type: TUBE AND SHELL CONDENSER

Emission Source/Control: CE01B - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: CE02A - Control

Control Type: TUBE AND SHELL CONDENSER

Emission Source/Control: CE02B - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: MTHT1 - Process

Emission Source/Control: MTHT2 - Process

Item 24.8:

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

Emission Unit: 1-1FBDP

Process: PDT

Process Description:

Petrodiesel tanks. (One tank in phase 1 and one tank in phase 2).

Emission Source/Control: PDST2 - Process

