

**New York State Department of Environmental Conservation
Facility DEC ID: 9140900053**



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

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 9-1409-00053/00003
Effective Date: 09/19/2006 Expiration Date: 09/18/2011

Permit Issued To: GREAT LAKES MDF LLC
300 COMMERCE DR
BUFFALO, NY 14218

Contact: GREGORY P MAHER
GREAT LAKES MDF
300 COMMERCE DR
BUFFALO, NY 14218
(716) 827-3008

Facility: GREAT LAKES MDF
300 COMMERCE DR
LACKAWANNA, NY 14218

Contact: GREGORY P MAHER
GREAT LAKES MDF
300 COMMERCE DR
BUFFALO, NY 14218
(716) 827-3008

Description:

The existing facility is a synthetic minor, capping the emissions under the Title V limits. The facility plans to increase their production levels. This will result in some emissions exceeding the cap limits. This application is for obtaining a Title V permit to replace the existing State Facility Permit. No specific modifications are planned for the existing emission units. The existing control technology meets BACT and the new MACT standards in 40CFR Part 63 - National Emission Standards for Hazardous Air Pollutants (NESHAP) for Plywood and Composite Wood Products (PCWP) facilities. Previous stack testing to establish the present facility emission factors was conducted at production levels consistent with the plant's anticipated increased production levels.

The major emission control device in the plant is a regenerative thermal oxidizer (RTO) which takes the emissions from both the two-stage flash tube dryer and the MDF board press and oxidizes them. The RTO destruction efficiency, based on previously submitted stack emission tests have demonstrated destruction efficiencies greater than 90%. A separate test conducted on the press hood to determine the hood collection efficiency resulted in a determination of 100% collection efficiency. Therefore the overall efficiency of the system is in excess of 90%.

The NESHAP rule for PCWP plants exempts the board cooler from control devices for existing

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installations.

Therefore, emissions from the cooler are based on AP-42 emission factors for this process.

The projected emissions from the RTO based on emission factors derived from stack test results and the new annual production rate of 120 msf/year of 3/4" board are as follows:

Formaldehyde - 15.4 tons/year
Particulate - 6.7 tons/year
PM-10 - 21.3 tons/year
CO - 106 tons/year
VOC - 40.1 tons/year

The new annual emissions from the board cooler based on the AP-42 emission factor is as follows:

Formaldehyde - 2.5 tons/year

Total annual formaldehyde emissions are therefore 17.9 tons/year

The annual emissions of NOx based on AP-42 emission factors for the gas fired equipment is as follows:

NOx - 21.3 tons/year

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: DAVID S DENK
 DIVISION OF ENVIRONMENTAL PERMITS
 270 MICHIGAN AVE
 BUFFALO, NY 14203-2999

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 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 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 and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 9
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 and Modifications
Applicable State Requirement: 6NYCRR 621.13

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:

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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 and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

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 Applications for Permit Modification or Renewal -REGION 9 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2999
(716) 851-7165



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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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BUFFALO, NY 14218

Facility: GREAT LAKES MDF
300 COMMERCE DR
LACKAWANNA, NY 14218

Authorized Activity By Standard Industrial Classification Code:
2493 - RECONSTITUTED WOOD PRODUCTS

Permit Effective Date: 09/19/2006

Permit Expiration Date: 09/18/2011



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 11 6NYCRR 201-1.7: Recycling and Salvage
- 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 200.3: False statement
- 24 6NYCRR 201-6: Emission Unit Definition
- 25 6NYCRR 201-7.1: Facility Permissible Emissions
- *26 6NYCRR 201-7.1: Capping Monitoring Condition
- *27 6NYCRR 201-7.1: Capping Monitoring Condition
- *28 6NYCRR 201-7.1: Capping Monitoring Condition
- *29 6NYCRR 201-7.1: Capping Monitoring Condition
- 30 6NYCRR 212.4(c): Compliance Certification
- 31 6NYCRR 212.5(a): Emissions from two or more devices through one emission point
- 32 6NYCRR 212.5(b): Emissions from a Single device through multiple emission points
- 33 6NYCRR 212.5(c): Emissions from two or more devices through one stack - Concentration Standard
- 34 6NYCRR 212.6(a): Compliance Certification
- 35 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 36 40CFR 60, NSPS Subpart Kb: Compliance Certification

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37 40CFR 63, Subpart A: General Provisions

Emission Unit Level

38 6NYCRR 201-6: Emission Point Definition By Emission Unit

39 6NYCRR 201-6: Process Definition By Emission Unit

EU=U-MP001,EP=PMP01

40 6NYCRR 212.9(b): Compliance Certification

41 6NYCRR 212.11(b)(1): Compliance Certification

EU=U-MP001,EP=PMP01,Proc=P01,ES=SMP01

42 40CFR 60.40c, NSPS Subpart Dc: Applicability of this Subpart to this emission source

EU=U-MP001,EP=PMP02,Proc=P15,ES=SMP37

43 40CFR 60.116b(b), NSPS Subpart Kb: Subpart Kb - Monitoring of Operations

EU=U-MP003

44 40CFR 63.2240(b), Subpart DDDD: Compliance Certification

45 40CFR 63.2261(a), Subpart DDDD: Deadline for conducting performance tests

46 40CFR 63.2262(a), Subpart DDDD: Conducting performance tests

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

47 ECL 19-0301: Contaminant List

48 6NYCRR 201-1.4: Unavoidable noncompliance and violations

49 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

EU=U-CS001

50 6NYCRR 211.2: Compliance Demonstration

51 6NYCRR 211.2: 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: 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 B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 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



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Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(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 D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(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 E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(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 F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(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 G: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR Part 201-6.5(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

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order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

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

Item I: Severability - 6 NYCRR Part 201-6.5(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 J: Permit Shield - 6 NYCRR Part 201-6.5(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

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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 K: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

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

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is 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 this 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 Part 201-6.7 and Part 621.

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



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

Item L: 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 M: 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 09/19/2006 and 09/18/2011**

Applicable Federal Requirement: 6NYCRR 200.6

Item 1.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit



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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.

Condition 2: Fees

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-6.5(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 72-0302.

Condition 3: Recordkeeping and reporting of compliance monitoring

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-6.5(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 201-6.3 of this Part 201.

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-6.5(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



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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 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-6.5(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 30 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.

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(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, 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 201-6.3(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.

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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 shall be submitted to the Administrator (or his or her representative) as well as two copies 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). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Monitoring Frequency: SEMI-ANNUALLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-6.5(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

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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 recordkeeping 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 compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies 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). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:



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USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

270 Michigan Avenue
Buffalo, NY 14203-2999

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 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. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

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



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Condition 8: Recordkeeping requirements
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 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 Prohibited at Industrial and Commercial Sites
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 215

Item 9.1:

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

**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 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 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.



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Condition 11: Recycling and Salvage
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-1.7

Item 11.1:

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 the ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 12.1:

No person shall 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 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 09/19/2006 and 09/18/2011

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

Item 13.1:

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 this Subpart. 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 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.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 09/19/2006 and 09/18/2011

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

Item 14.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. 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 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.

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Condition 15: Standard Requirement - Provide Information
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-6.5(a)(4)

Item 15.1:

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 16: General Condition - Right to Inspect
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-6.5(a)(8)

Item 16.1:

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 17: Standard Requirements - Progress Reports
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-6.5(d)(5)

Item 17.1:

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:



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(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, and any preventive or corrective measures adopted.

Condition 18: Off Permit Changes

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-6.5(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 201-6.6 shall not apply to any change made pursuant to this paragraph.

Condition 19: Required Emissions Tests

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 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. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 20: Visible Emissions Limited

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 211.3

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Item 20.1:

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.

Condition 21: Accidental release provisions.

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 40CFR 68

Item 21.1:

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 22: Recycling and Emissions Reduction

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 22.1:

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.

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Condition 23: False statement
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 200.3

Item 23.1:

No person shall make a false statement in connection with applications, plans, specifications and/or reports submitted pursuant to this Subchapter.

Condition 24: Emission Unit Definition
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-6

Item 24.1:

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

Emission Unit: U-CS001

Emission Unit Description:

Emission unit U-CS001 includes the wood yard processes such as wood chip feedstock delivery, sorting, hogging, and storage. The processes involving this emission unit are located in the chip storage yard and chip storage shed. The system includes the chip transfer cyclone/filter (CS001), a dedust system (CS002), an air density separating system, a fines storage system, and a chip washing process.

Item 24.2:

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

Emission Unit: U-MP001

Emission Unit Description:

Emission unit U-MP001 includes the following processes: Hot oil heat energy system, wood chip digesting/refining, wood fiber drying, MDF product pressing, and wax and resin binder addition. The emission points comprising this emission unit include an emergency stack for the hot oil heat energy system (PMP02), an emergency dump stack for the start up of the wood chip refining process (PMP03), and a primary stack for the emission unit (PMP01). The emergency stack for the hot oil heat energy system and the start-up cyclone are only used in emergency or upset conditions.

Item 24.3:

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

Emission Unit: U-MP002



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Emission Unit Description:

Emission unit U-MP002 includes the following processes: wood mat forming, mat trimming and cutting, and mat reject collection. There are three emission points associated with this emission unit including: mat clean up cyclone #1 (PMP04), mat clean up cyclone #2 (PMP4A), and mat reject cyclone (PMP4B).

Item 24.4:

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

Emission Unit: U-MP003

Emission Unit Description:

Emission unit U-MP003 involves the wood fiber metering to the mat forming station. The exhaust air from the baghouse is routed through the press exhaust fan, into the second stage dryer mixing chamber, and into the regenerative thermal oxidizer. Thus, there is no direct discharge point from this emission unit.

Item 24.5:

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

Emission Unit: U-MP004

Emission Unit Description:

Emission unit U-MP004 includes the following processes: medium density fiberboard cutting and sanding, and board trim waste hogging. There are two emission points. Trim waste baghouse (PMP06) and sander bleed off valve (PMP6A).

Condition 25: Facility Permissible Emissions

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-7.1

Item 25.1:

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: 000630-08-0 PTE: 490,000 pounds per year
Name: CARBON MONOXIDE

CAS No: 0NY075-00-0 PTE: 190,000 pounds per year
Name: PARTICULATES

CAS No: 0NY075-00-5 PTE: 190,000 pounds per year



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Permit ID: 9-1409-00053/00003

Facility DEC ID: 9140900053

Name: PM-10

CAS No: 0NY998-00-0

PTE: 90,000 pounds per year

Name: VOC

Condition 26: Capping Monitoring Condition
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-7.1

Item 26.1:

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:

40CFR 64

Item 26.2:

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

Item 26.3:

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 26.4:

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 26.5:

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 26.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 26.7:

Compliance Certification shall include the following monitoring:

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Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must operate and maintain particulate control equipment on all primary PM-10 emission sources to limit facility actual PM-10 emissions below 95 tons per year, as determined by summing the individual monthly emissions during any consecutive 12-month period.

The facility must prepare monthly PM-10 emission records.

The monthly PM-10 emissions shall be computed based on the sum of the emissions from all PM-10 sources. The PM-10 emissions shall be computed using emission factors obtained from the most current information available in USEPA AP-42, and/or data obtained from actual stack test results from this facility or similar sources, whichever is more appropriate.

The facility shall maintain production records, usage records, purchase records, or similar which are used to compute the actual PM-10 emissions. These records shall be kept on site for a minimum of three years to confirm the general accuracy of the emission records.

The facility shall submit to the New York State Department of Environmental Conservation an annual PM-10 emission report listing the monthly PM-10 emissions. The annual report shall be submitted on or before April 15 each year for the previous calendar year.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 27: Capping Monitoring Condition
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-7.1

Item 27.1:

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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40CFR 64

Item 27.2:

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

Item 27.3:

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 27.4:

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 27.5:

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 27.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 27.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must operate and maintain particulate control equipment to limit facility actual total particulate emissions below 95 tons per year, as determined by summing the individual monthly emissions during any consecutive 12-month period.

The facility must prepare monthly particulate emission records. The monthly particulate emissions shall be computed based on the sum of the emissions from all particulate sources. The particulate emissions shall be



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computed using emission factors obtained from actual stack test results completed at the facility and/or the most current information available in USEPA AP-42, whichever is more appropriate.

The facility shall maintain production records, usage records, purchase records, or similar which are used to compute the actual particulate emissions. These records shall be kept on site for a minimum of five years to confirm the general accuracy of the emission records.

The facility shall submit to the New York State Department of Environmental Conservation an annual particulate emission report listing the monthly particulate emissions.

The annual report shall be submitted on or before April 15 each year for the previous calendar year.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 28: Capping Monitoring Condition

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-7.1

Item 28.1:

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 231-2

Item 28.2:

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

Item 28.3:

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.

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Item 28.4:

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 28.5:

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 28.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 28.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must operate and maintain the regenerative thermal oxidizer (RTO) to limit facility actual volatile organic compound (VOC) emissions below 45 tons per year, as determined by summing the individual monthly emissions during any consecutive 12-month period.

The facility must prepare monthly VOC emission records. The monthly VOC emissions shall be computed based on the sum of the emissions from all VOC sources. The VOC emissions shall be computed using information obtained from actual stack test results completed at the facility and/or from the most current information available in USEPA AP-42, whichever is more appropriate. The emission factor for VOC emissions from the woodyard shall be obtained from the sources indicated on the permit application.

The facility shall maintain production records, usage records, purchase records, or similar which are used to compute the actual VOC emissions. These records shall be kept on site for a minimum of five years to confirm the general accuracy of the emission records.



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The facility shall submit to the New York State Department of Environmental Conservation an annual VOC emission report listing the monthly VOC emissions. The annual report shall be submitted on or before April 15 each year for the previous calendar year.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 29: Capping Monitoring Condition
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-7.1

Item 29.1:

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:

40CFR 52-A.21

Item 29.2:

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

Item 29.3:

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 29.4:

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 29.5:

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 29.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 29.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must operate and maintain the regenerative thermal oxidizer (RTO) to limit facility actual carbon monoxide (CO) emissions below 250 tons per year, as determined by summing the individual monthly emissions during any consecutive 12-month period.

The facility must prepare monthly CO emission records. The monthly CO emissions shall be computed based on the sum of the emissions from all CO sources. The CO emissions shall be computed using emission factors obtained from actual stack test results completed at the facility and/or obtained from the most current information available in USEPA AP-42, whichever is more appropriate.

The facility shall maintain production records, usage records, purchase records, or similar which are used to compute the actual CO emissions. These records shall be kept on site for a minimum of five years to confirm the general accuracy of the emission records.

The facility shall submit to the New York State Department of Environmental Conservation an annual CO emission report listing the monthly CO emissions. The annual report shall be submitted on or before April 15 each year for the previous calendar year.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 30: Compliance Certification



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Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 30.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Emissions from any process emission source shall not exceed 0.050 grains of solid particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. A performance test completed at the facility on May 16, 2001 for emission point PMP01 demonstrated compliance with this requirement. The test results using Reference Method 5 were 0.0016 grains of solid particulate per cubic foot of exhaust gas. Additional compliance testing will be conducted at the discretion of the Department.

Great Lakes MDF will develop and implement standard operating procedures for the scheduled inspection, maintenance, and monitoring of the baghouses. These procedures should be used to prevent any predictable equipment maintenance and bag failures. Records must be maintained to document completion of inspection and maintenance activities.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 31: Emissions from two or more devices through one emission

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point

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 212.5(a)

Item 31.1:

Where air contaminants from two or more devices or contrivances are emitted to the outdoor atmosphere through a single emission point, the permissible emission rate or degree of air cleaning required is determined by using the sum of the process weights or emission rate potentials for all such devices or contrivances

Condition 32: Emissions from a Single device through multiple emission points

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 212.5(b)

Item 32.1:

Where air contaminants from a single device or contrivance are emitted to the outdoor atmosphere through more than one emission point, the sum of the emissions from all such emission points shall not exceed the quantity that would be permitted if said emissions were through a single emission point

Condition 33: Emissions from two or more devices through one stack - Concentration Standard

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 212.5(c)

Item 33.1:

Where air contaminants from two or more devices or contrivances are emitted to the outdoor atmosphere through a single emission point and the applicable emission standard for one or more of such devices or contrivances if vented separately to the outdoor atmosphere is a concentration standard (grains per standard cubic foot), the permissible emission rate through such emission point shall not exceed the quantity that would be allowed if said emissions were through separate emission points

Condition 34: Compliance Certification

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 34.2:

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Facility DEC ID: 9140900053



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 having an average opacity during any six consecutive minutes of 20 percent or greater from any emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the facility on a daily basis. The permittee will immediately investigate any instance where there is cause to believe that visible emissions above those that are normal and in compliance are occurring or have occurred.

If visible emissions above those that are normal and in compliance (this may be zero percent opacity for many or all emission sources), the permittee shall determine the cause, make the necessary correction, and verify that the excess visible emissions problem has been corrected.

If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the permittee will immediately notify the Department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: DAILY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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



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Condition 35: EPA Region 2 address.

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 35.1:

All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

Director, Division of Enforcement and Compliance Assistance
USEPA Region 2
290 Broadway, 21st Floor
New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

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

Condition 36: Compliance Certification

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 40CFR 60, NSPS Subpart Kb

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

40CFR60.110b(a): This subpart applies to each storage vessel with a capacity greater than or equal to 40 cubic meters that is used to store volatile organic liquids (VOL's) for which construction, reconstruction, or modification is commenced after July 23, 1984.

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40CFR60.110b(b): Except as specified in paragraphs (a) and (b) of 40CFR60.116b, storage vessels with a design capacity less than 75 cubic meters are exempt from the General Provisions (Part 60, subpart A) and from the provisions of this subpart.

40CFR60.116b(a) and (b): Great Lakes MDF shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 cubic meters is subject to no provision of this subpart other than those required by this paragraph. Great Lakes MDF shall keep copies of these records for the life of the source.

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 1/30/2007.

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

Condition 37: General Provisions

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 40CFR 63, Subpart A

Item 37.1:

This emission source is subject to the applicable provisions of 40 CFR 63 Subpart A. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

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

Condition 38: Emission Point Definition By Emission Unit

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-6

Item 38.1:

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

Emission Unit: U-CS001

Emission Point: CS001

Height (ft.): 61

Diameter (in.): 24



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Emission Point: CS002
Height (ft.): 40 Diameter (in.): 24

Item 38.2:

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

Emission Unit: U-MP001

Emission Point: PMP01
Height (ft.): 90 Diameter (in.): 48
NYTMN (km.): 4749.12 NYTME (km.): 185.929

Emission Point: PMP02
Height (ft.): 65 Diameter (in.): 10
NYTMN (km.): 4749.12 NYTME (km.): 185.929

Emission Point: PMP03
Height (ft.): 65 Diameter (in.): 18
NYTMN (km.): 4749.12 NYTME (km.): 185.929

Item 38.3:

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

Emission Unit: U-MP002

Emission Point: PMP04
Height (ft.): 70 Diameter (in.): 24
NYTMN (km.): 4749.12 NYTME (km.): 185.929

Emission Point: PMP4A
Height (ft.): 28 Diameter (in.): 24

Emission Point: PMP4B
Height (ft.): 70 Diameter (in.): 24

Item 38.4:

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

Emission Unit: U-MP003

Emission Point: PMP05
Height (ft.): 90 Diameter (in.): 24
NYTMN (km.): 4749.12 NYTME (km.): 185.929

Item 38.5:

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



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Emission Unit: U-MP004

Emission Point: PMP06

Height (ft.): 70

Diameter (in.): 24

NYTMN (km.): 4749.12 NYTME (km.): 185.929

Emission Point: PMP6A

Height (ft.): 20

Diameter (in.): 24

Condition 39: Process Definition By Emission Unit
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 201-6

Item 39.1:

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

Emission Unit: U-CS001

Process: P11

Source Classification Code: 3-07-999-98

Process Description:

Process P11 involves the truck delivery of wood chips to the facility. After unloading, the material is moved by front end loader into the chip storage area, primary hog infeed conveyor, or the reclaim conveyor.

Emission Source/Control: SCS01 - Process

Design Capacity: 41,000 pounds per hour

Item 39.2:

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

Emission Unit: U-CS001

Process: P12

Source Classification Code: 3-07-999-98

Process Description:

Process P12 includes the chip preparation system. Wood chips enter the chip preparation system either through the primary hog or the reclaim conveyor. The material is conveyed to a disc screen. At the disc screen, material of acceptable size is passed through and travels towards the oscillating screen. Material that is too large to pass through the disc screen enters the secondary hog and then conveyed towards the oscillating screen. At the outfeed of the oscillating screen, the acceptable material is separated from the fines and oversize material. The acceptable material is conveyed into the chip storage area where it is stored before use. The oversize material is



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sent back to the hog. The fines are removed from the process and hauled away.

Emission Source/Control: SCS02 - Process

Design Capacity: 55,000 pounds per hour

Item 39.3:

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

Emission Unit: U-CS001

Process: P13

Source Classification Code: 3-07-999-98

Process Description:

Process P13 includes the dedust system and the air density separating system. The dedust system has multiple places to pick up dust from conveyors to reduce the fugitive emissions in the chip preparation building.

The air density separating equipment is used to remove additional fines, paper, and plastic contaminants from the wood.

The fines storage system is the final collection location for the dedust system and the air density system. The equipment consists of a bin to hold the collected material. The bin is used to load trucks with the collected fines and hauled off-site.

Emission Source/Control: SCS03 - Process

Design Capacity: 30,000 pounds per hour

Item 39.4:

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

Emission Unit: U-CS001

Process: P14

Source Classification Code: 3-07-999-98

Process Description:

Process P14 takes cleaned chips that have been stored outside in piles or in the chip storage building and meters the chips into the process. Chips are placed by a front end loader onto the live floor reclaimer. The chips are then moved by conveyor to the chip transport system.

Emission Source/Control: SCS04 - Process

Design Capacity: 7,000 tons

Emission Source/Control: SCS05 - Process

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Design Capacity: 7,000 tons

Emission Source/Control: SCS06 - Process

Design Capacity: 55,000 pounds per hour

Item 39.5:

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

Emission Unit: U-MP001

Process: P01

Source Classification Code: 1-02-006-02

Process Description:

Process P01 includes a natural gas combustion unit to heat oil for the press platens. In addition, the combustion unit produces steam for input to the wood chip digester and press.

Emission Source/Control: SMP01 - Combustion

Design Capacity: 50.3 million Btu per hour

Emission Source/Control: SMP06 - Control

Control Type: MULTIPLE CYCLONE W/ FLY ASH INJECTION

Emission Source/Control: SMP12 - Control

Control Type: DIRECT FLAME AFTERBURNER WITH HEAT EXCHANGER

Item 39.6:

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

Emission Unit: U-MP001

Process: P02

Source Classification Code: 3-07-007-30

Process Description:

Process P02 involves wood chip digesting/refining in which steam is added to wood chip feedstocks to soften and break them down. The softened chips are then sent through a pressurized, disc refiner to reduce them to more uniform size wood fibers.

Emission Source/Control: SMP07 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: SMP02 - Process

Design Capacity: 41,800 pounds per hour

Emission Source/Control: SMP03 - Process

Design Capacity: 41,800 pounds per hour

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Item 39.7:

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

Emission Unit: U-MP001

Process: P03

Source Classification Code: 3-07-007-03

Process Description:

Process P03 involves wood fiber drying in two stage flash tube dryer. The primary heat source for the dryer is a natural gas burner. The heat for the dryer is also supplemented with heat from the thermal oil system.

Emission Source/Control: SMP08 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: SMP09 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: SMP10 - Control

Control Type: FABRIC FILTER

Emission Source/Control: SMP12 - Control

Control Type: DIRECT FLAME AFTERBURNER WITH HEAT EXCHANGER

Emission Source/Control: SMP04 - Process

Design Capacity: 49 million Btu per hour

Item 39.8:

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

Emission Unit: U-MP001

Process: P04

Source Classification Code: 3-07-007-07

Process Description:

Process P04 involves medium density fiberboard product pressing. In this process, a formed wood fiber/resin mat is sent through a single opening press.

Emission Source/Control: SMP12 - Control

Control Type: DIRECT FLAME AFTERBURNER WITH HEAT EXCHANGER

Emission Source/Control: SMP13 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: SMP05 - Process

Design Capacity: 11,059 grains per dscf

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Item 39.9:

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

Emission Unit: U-MP001

Process: P15

Source Classification Code: 3-07-007-01

Process Description:

Process P15 involves the application of resin binder to the wood fiber product stream. The resin is stored in two separate 10,000 gallon storage tanks whose vents are routed to the flash tube dryer.

Emission Source/Control: SMP37 - Process

Design Capacity: 10,000 gallons

Emission Source/Control: SMP38 - Process

Design Capacity: 10,000 gallons

Item 39.10:

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

Emission Unit: U-MP001

Process: P16

Source Classification Code: 3-07-007-01

Process Description:

Process P16 involves the application of wax emulsion to the wood fiber product stream. The wax emulsion is stored in one 10,000 gallon tank whose vent is routed to the flash tube dryer.

Emission Source/Control: SMP39 - Process

Design Capacity: 10,000 gallons

Item 39.11:

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

Emission Unit: U-MP002

Process: P05

Source Classification Code: 3-07-007-07

Process Description:

Process P05 involves forming the wood fiber mat for subsequent pressing into medium density fiberboard. The mat is first formed in the forming head and then pre-pressed to prepare the mat for final pressing.

Emission Source/Control: SMP21 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: SMP22 - Control

Control Type: FABRIC FILTER

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Emission Source/Control: SMP14 - Process

Emission Source/Control: SMP16 - Process

Emission Source/Control: SMP17 - Process

Item 39.12:

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

Emission Unit: U-MP002

Process: P06

Source Classification Code: 3-07-007-10

Process Description:

Process P06 includes the trimming and cutting of the pre-pressed wood fiber mat into sheets before entering the main medium density fiberboard press.

Emission Source/Control: SMP21 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: SMP22 - Control

Control Type: FABRIC FILTER

Emission Source/Control: SMP18 - Process

Emission Source/Control: SMP19 - Process

Item 39.13:

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

Emission Unit: U-MP002

Process: P07

Source Classification Code: 3-07-007-01

Process Description:

Process P07 includes the collection of wood fiber mat pieces that are rejected from the input to the press.

Emission Source/Control: SMP22 - Control

Control Type: FABRIC FILTER

Emission Source/Control: SMP23 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: SMP20 - Process

Item 39.14:

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



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Emission Unit: U-MP003

Process: P08

Source Classification Code: 3-07-007-01

Process Description:

Process P08 involves the metering of stored wood fiber to the wood mat forming station.

Emission Source/Control: SMP26 - Control

Control Type: FABRIC FILTER

Emission Source/Control: SMP24 - Process

Emission Source/Control: SMP25 - Process

Item 39.15:

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

Emission Unit: U-MP004

Process: P09

Source Classification Code: 3-07-007-01

Process Description:

Process P09 includes cutting newly made medium density fiberboard to desired dimensions. The boards are allowed to cool in a wicket cooler prior to the finish sanding for product specifications.

Emission Source/Control: SMP33 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: SMP34 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: SMP35 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: SMP36 - Control

Control Type: FABRIC FILTER

Emission Source/Control: BOARD - Process

Emission Source/Control: SMP27 - Process

Emission Source/Control: SMP28 - Process

Emission Source/Control: SMP29 - Process

Emission Source/Control: SMP31 - Process

Emission Source/Control: SMP32 - Process

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Item 39.16:

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

Emission Unit: U-MP004

Process: P10

Source Classification Code: 3-07-007-01

Process Description:

Process P10 involves the grinding of waste medium density fiberboard to be reused in the facility or hauled away.

Emission Source/Control: SMP33 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: SMP36 - Control

Control Type: FABRIC FILTER

Emission Source/Control: SMP30 - Process

Condition 40: Compliance Certification

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-MP001 Emission Point: PMP01

Regulated Contaminant(s):

CAS No: 000050-00-0 FORMALDEHYDE

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In accordance with 6NYCRR Part 212.9(b), various levels of air pollution control are required based on the environmental rating of the emitted compound and the source's Emission Rate Potential (ERP). Formaldehyde has been assigned an environmental rating of "A". As such, uncontrolled formaldehyde emissions greater than 1.0 pound per hour (lb/hr) require a 99 percent control efficiency. Alternatively, Part 212.9(b) allows the emission source to apply Best Available Control Technology (BACT).

Great Lakes MDF submitted a BACT analysis dated January



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21, 2000. In addition, Great Lakes MDF has demonstrated during a performance test the Regenerative Thermal Oxidizer (RTO) in combination with the permanent total enclosure qualifies as BACT by having an overall reduction of formaldehyde emissions of 90 percent.

The facility must conduct performance tests at least once during the permit term. The performance tests shall be performed at least 180 days prior to expiration of the permit. A test protocol shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at least 60 days prior to the proposed test date. Department staff will be afforded the opportunity to witness the performance test by notifying the RAPCE of the actual test date. A test report shall be submitted to the RAPCE within 60 days of test completion.

Parameter Monitored: FORMALDEHYDE

Lower Permit Limit: 90 percent

Reference Test Method: 40 CFR Part 60 Appendix A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 41: Compliance Certification

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 6NYCRR 212.11(b)(1)

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-MP001 Emission Point: PMP01

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 41.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:



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The exhaust gas temperature must be monitored continuously from thermal incinerators. Reports shall be provided to the Department upon request.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1400 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

**Condition 42: Applicability of this Subpart to this emission source
Effective between the dates of 09/19/2006 and 09/18/2011**

Applicable Federal Requirement: 40CFR 60.40c, NSPS Subpart Dc

Item 42.1:

This Condition applies to Emission Unit: U-MP001 Emission Point: PMP01
Process: P01 Emission Source: SMP01

Item 42.2:

This emission source is subject to the applicable General Provisions of 40 CFR 60 Subpart Dc. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

**Condition 43: Subpart Kb - Monitoring of Operations
Effective between the dates of 09/19/2006 and 09/18/2011**

Applicable Federal Requirement: 40CFR 60.116b(b), NSPS Subpart Kb

Item 43.1:

This Condition applies to Emission Unit: U-MP001 Emission Point: PMP02
Process: P15 Emission Source: SMP37

Item 43.2:

The owner or operator of each storage vessel as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 cubic meters is subject to no provisions of this subpart other than those required by this paragraph.

**Condition 44: Compliance Certification
Effective between the dates of 09/19/2006 and 09/18/2011**

Applicable Federal Requirement: 40CFR 63.2240(b), Subpart DDDD



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Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-MP003

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must use an emissions control system and demonstrate that the emissions control system reduces emissions of formaldehyde by 90%. The facility must also meet the operating requirements in Table 2 which apply to the control device being used.

Initial compliance must be determined according to the provisions in §63.2262(h). Continuous compliance will be determined based on the control device used to meet the 90% reduction limit.

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 1/30/2007.

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

Condition 45: Deadline for conducting performance tests

Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 40CFR 63.2261(a), Subpart DDDD

Item 45.1:

This Condition applies to Emission Unit: U-MP003

Item 45.2:

The facility must conduct performance tests upon initial startup or no later than 180 calendar days after the compliance date that is specified for the affected source in §63.2233 and according to §63.7(a)(2), whichever is later. The RTO was tested on November 13 and 14, 2002. An acceptable test report was received by the RAPCE on January 23, 2003.

The facility must conduct performance tests at least once during the permit term. The performance tests



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shall be performed at least 180 days prior to expiration of the permit. A test protocol shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at least 60 days prior to the proposed test date. Department staff will be afforded the opportunity to witness the performance test by notifying the RAPCE of the actual test date. A test report shall be submitted to the RAPCE within 60 days of test completion.

Condition 46: Conducting performance tests
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable Federal Requirement: 40CFR 63.2262(a), Subpart DDDD

Item 46.1:

This Condition applies to Emission Unit: U-MP003

Item 46.2:

The facility must conduct each performance test according to the provisions in §63.7(e)(1), the requirements in §63.2262(b)-(o), and according to the methods specified in Table 4 of Subpart DDDD.



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: 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 47: Contaminant List
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable State Requirement: ECL 19-0301

Item 47.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this



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permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 000050-00-0

Name: FORMALDEHYDE

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 0NY998-00-0

Name: VOC

Condition 48: Unavoidable noncompliance and violations
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable State Requirement: 6NYCRR 201-1.4

Item 48.1:

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



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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 49: Air pollution prohibited
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable State Requirement: 6NYCRR 211.2

Item 49.1:

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 50: Compliance Demonstration
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable State Requirement: 6NYCRR 211.2

Item 50.1:

The Compliance Demonstration activity will be performed for:



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Permit ID: 9-1409-00053/00003

Facility DEC ID: 9140900053

Emission Unit: U-CS001

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 50.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Limit fugitive dust emissions, whenever necessary, using such techniques as proper operating procedures, covering unused wood chip piles with water or canvas, watering roadways and cleaning up discarded wood waste promptly.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 51: Compliance Demonstration
Effective between the dates of 09/19/2006 and 09/18/2011

Applicable State Requirement: 6NYCRR 211.2

Item 51.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CS001

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 51.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

During the unloading, transfer, grinding, and sorting of raw material wood chips or waste material, fugitive dust may be generated. Great Lakes MDF is required to limit fugitive dust emissions, whenever necessary, by using such techniques as containment, water sprays, or improved operating procedures. Watering roadways and good housekeeping practices are also required to limit the potential of fugitive dust emissions.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY