



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590

OCT 21 2015

REPLY TO THE ATTENTION OF:

Chris Hare  
Acting Upper Peninsula District Office  
Saginaw Bay District Office  
Michigan Department of Environmental Quality  
401 Ketchum Street, Suite B  
Bay City, Michigan 48708-5430

Dear Mr. Hare:

The U.S. Environmental Protection Agency has reviewed the draft Renewable Operating Permit (ROP), permit number MI-ROP-A0884-20XX, for Escanaba Paper Company and Omya, Incorporated located in Escanaba, Michigan. To ensure that the source meets Federal Clean Air Act requirements, that the permit will provide necessary information so that the basis of the permit decision is transparent and readily accessible to the public, and that the permit record provides adequate support for the decision, EPA has the following comments:

- 1) Section E. Non-applicable requirements. 40 CFR Part 70.6(f) provides that the permit may include a non-applicability permit shield, provided that the permit includes a complete determination regarding why the requirements do not apply. The non-applicability justification should clearly identify all units to be covered (i.e., no broad generalizations stating all emissions units with the exception of) and provide sufficient documentation and justification based on the specific applicability requirements of each standard. Please review each Section E justification to ensure that the non-applicability shield is only provided where there is sufficient information. Please see Appendix A for a list which includes some specific examples; please note the list is not exhaustive and all non-applicability justifications should be reviewed for completeness.
- 2) Section E. Non-applicable requirements. The non-applicability discussion of the 40 CFR 98 Federal Mandatory Greenhouse Gas Reporting Rule is outside the scope of the Title V permit program and the 40 CFR 70.6 permit content requirements. Therefore, Section E should not be used to address Part 98 reporting requirements.
- 3) Various Flexible Group Conditions, SC. IX.1 Special Conditions. The time period/operating scenario for particulate matter (PM) for various flexible group conditions (i.e., FG9B03, FGFAHS68, and FGTO33) reference an "approved plan". All information that is incorporated into the permit should be publicly available. See EPA White Paper Number 2 for Improved Implementation of Part 70 Operating Permits Programs, March 5, 1996. Please verify the plan is publically available.

- 4) EU8B13, SC. II. Material Limits. The material limits for fuel oil – sulfur content is designated as state enforceable; however the underlying requirement references the Michigan State Implementation Plan (SIP) which would make this material limit a federally enforceable condition. Please verify the underlying applicable requirement and include the appropriate enforceability footnote, as appropriate.
- 5) Various Emission Units and Flexible Group Conditions, SC. VIII. Stack/Vent Restrictions. The maximum exhaust dimensions and minimum height requirements for the stack and vent IDs for various emissions units and flexible group conditions should be reviewed to verify the underlying applicable requirement and the appropriate enforceability footnote, as appropriate. Please see Appendix B for a list which includes some specific examples; please note the list is not exhaustive and all stack/vent restrictions should be reviewed.
- 6) EUCOND, SC. I. Emission Limits for Total hazardous air pollutants (HAP) measured as methanol. The underlying requirement for Total HAP measured as methanol is listed as 40 CFR 63.44 (c)(e). EPA believes the correct citation is 40 CFR 63.446. Please verify the correct citation and revise the permit as appropriate.
- 7) EURF15, SC. I. Emission Limits. The footnote reference for PM emission limit has a formatting error for the final statement. The first two statements are designated as a. and b. Please designate the final statement as c.
- 8) FGLK29, SC. I. Emission Limits. The footnote reference for HAP Metals measured as PM has a formatting error due to the page break. Please revise this Flexible Group to clearly indicate both methods are appropriate and subject to federal enforcement.
- 9) FGCCPLANT, SC VI.2. Narrative concerning the status of the operations of EUCARBONATORS, EULIME, EUCOOLTWR, and EUROAD is presented in this section. Please review this condition to specify when the testing is required to begin.
- 10) FGCCPLANT, SC VI.3. Narrative concerning the status of the operation of EULK29 is not consistent with the narrative concerning the status of the operation of EULK29 in FGLK29, FGEVAPORATORMOD, and FGRFMOD. Please review this condition to specify when the testing is required to begin.
- 11) Please see Appendix C for comments related to typographical issues.

We appreciate the opportunity to provide comments on this permit. If you have any questions, please feel free to contact Sarah Rolfes, of my staff, at (312) 886-6551.

Sincerely,

A handwritten signature in cursive script that reads "Genevieve Damico". The signature is written in black ink and is positioned above the printed name.

Genevieve Damico  
Chief  
Air Permits Section

Appendix A  
Non-Applicability Justification Examples

40 CFR Part 70.6(f) provides that the permit may include a non-applicability permit shield, provided that the permit includes a complete determination regarding why the requirements do not apply. The non-applicability justification should clearly identify all units to be covered (i.e., no broad generalizations stating all emissions units with the exception of) and provide sufficient documentation and justification based on the specific applicability requirements of each standard. Please review each Section E justification to ensure that the non-applicability shield is only provided where there is sufficient information. The list below includes some specific examples; please note this list is not exhaustive and all non-applicability justifications should be reviewed for completeness.

- a. EU11B68. Non-applicable requirement 40 CFR Part 60, Subpart Y(c) or (d). The current justification indicates no modifications have been made to the coal preparation facilities after April 28, 2008 that would make them subject to the rule. The justification should address all applicability requirements in §60.250 as they relate to the coal preparation activities. Further, any justifications based on installation date or reconstruction should include sufficient detail.
- b. EU9B03. Non-applicable requirement 40 CFR Part 60, Subparts D and Db. The current justification indicates that the #9 Boiler did not meet the applicability criteria at the time the boiler was installed, but does not provide specific information pursuant to the applicability criteria in §60.40. The emission unit summary table provided in Section C. indicates the boiler was installed in 1972. 40 CFR Part 60, Subpart D states that any affected facility that commenced construction or modification after August 17, 1971, is subject to the requirements of this subpart. Please provide a complete discussion as to why the unit is not subject to 40 CFR Part 60, Subparts D.
- c. EU1PM32, EU3PM07, EU4PM64 - #1, #3, and #4 Paper Machine Systems  
EU2PD40 - #2 Pulp Dryer. Non-applicable requirement 40 CFR Part 63, Subpart JJJJ. The current justification indicates that EPA has interpreted that paper machine/size press operations are considered substrate formation and are not subject to Subpart JJJJ. Please provide a reference to the EPA guidance or regulation documenting this interpretation.
- d. Mobile and Non-Road Engines (e.g., compressors). Non-applicable requirement 40 CFR Part 63, Subpart ZZZZ. The current justification indicates that various reciprocating internal combustion engines (RICE) at the Mill are portable, making them not subject to Subpart ZZZZ. Please include a complete discussion including which various RICE engines will not be subject to this rule.
- e. All emission units except: EU9B03, EU11B68, EUOC33, EURF15, EUST15, EULK29, and EUS29. Non-applicable requirement 40 CFR Part 64. The current justification indicates that the emission units are not subject to Compliance Assurance Monitoring requirements based on the uncontrolled emission rate and/or existing

monitoring requirements. Please revise the list of emission units to indicate which units are not subject to 40 CFR Part 64 and a complete justification for each individual unit.

Appendix B  
Stack/Vent Restrictions Underlying Applicable Requirements and Appropriate Footnote  
Examples

The maximum exhaust dimensions and minimum height requirements for the stack and vent IDs for various emissions units and flexible group conditions should be reviewed to verify the underlying applicable requirement and the appropriate enforceability footnote, as appropriate. The list below includes some specific examples; please note this list is not exhaustive and all stack/vent restrictions should be reviewed.

- a. EU8B13. Maximum exhaust dimensions and minimum height above ground are designated as state enforceable, however the underlying emission limits are subject to federal enforcement under 40 CFR.52.21(c)(d). Please verify the underlying applicable requirement and include the appropriate enforceability footnote, as appropriate.
- b. EURF15. Maximum exhaust dimensions and minimum height above ground are designated as state enforceable, however the underlying requirement references 40 CFR.52.21(c)(d) and the Michigan SIP which designates this condition as federally enforceable. Please verify the underlying applicable requirement and include the appropriate enforceability footnote, as appropriate.
- c. FGPAPER. Maximum exhaust dimensions and minimum height above ground reference an underlying requirement that is not contained in the Michigan SIP. Several of the stack and vent IDs do not contain a reference to make them subject only to state enforcement. Please verify the underlying applicable requirement and include the appropriate enforceability footnote, as appropriate.
- d. FGCOATER. Maximum exhaust dimensions and minimum height above ground are designated as state enforceable for SV36024S, SV36025S, SV30626S, and SC36027S, however the underlying requirement references the Michigan SIP which would make this condition federally enforceable. Further, the remainder of the stack and vent IDs have an underlying requirement that is not contained in the Michigan SIP. Please verify the underlying applicable requirement and include the appropriate enforceability footnote, as appropriate.
- e. FGLK29, SC. VIII. Stack/Vent Restrictions. Maximum exhaust dimensions and minimum height above ground are designated as state enforceable, however the underlying emission limits are subject to federal enforcement under 40 CFR. 63.861, 40 CFR. 63.640, and 40 CFR 862. In addition, this appears to be a requirement of the Michigan SIP. Please verify that these conditions are only subject to state enforcement as currently written.

Appendix C  
Typographical Comments

The following comments are typographical in nature:

- a. EU11B68, SC V.2. Please revise the special condition to read – The permittee shall not operate EU11B68 unless the multiclone and electrostatic precipitator are operating properly.
- b. EU11B68, SC VII.9. The special condition references R336.12001(3). Please check reference is accurate.
- c. EUS29, SC V.2. Please revise the fourth sentence of the special condition to read – The permittee shall notify the Air Quality Division no less than 7 days prior to the anticipated test date.
- d. EUS29, SC VII.7. The special condition references R336.12001(3). Please check reference is accurate.
- e. FGRMP, SC. VII.9. The special condition references R336.12001(3). Please check reference is accurate.
- f. FGRMP, SC. I. Emission Limits. Please revise the reference for the PM Monitoring Testing Method to SC VI.1.
- g. FGB25, SC. VIII. Stack/Vent Restrictions. Please review the Minimum Height Above Ground (feet) for SV25039S to confirm that the height should read 175,6 feet as it is currently written.
- h. EULIME, please revise the title of the emission unit on page 149 of the draft permit to EULIME.
- i. EULIME, SC. I. Emission Limits. Please revise the reference for PM, PM10, and PM2.5 Monitoring Testing Method to General Condition 13.