



State of Ohio Environmental Protection Agency

MJEC
064109023-
Correspondence

Southeast District Office

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Logan, Ohio 43138

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

September 10, 2007

Re: Jefferson County
Mingo Junction Energy Center, LLC
Facility ID # 0641090234
Warning Letter

Certified: 70063450000190560136

Mike Hatem
Mingo Junction Energy Center
PO Box 160
Mingo Junction, OH 43938

Dear Mr. Hatem:

On August 29, 2007, Sarah Harter and I visited the Mingo Junction Energy Center (MJEC) facility in Mingo Junction, Ohio. The inspection was conducted to determine the facility's compliance with State and federal air pollution rules and regulations as found under the Ohio Administrative Code and 40 CFR 60 subpart Db. I have enclosed a copy of the completed inspection form for your reference. Your cooperation and assistance were greatly appreciated during our visit.

During the inspection, we observed MJEC's four natural gas/blast furnace gas-fired boilers as well as the diesel-fired emergency generator. We also reviewed the records that MJEC is required to keep in accordance with the Title V permit, which became effective September 15, 2004 and will expire on September 15, 2009.

The following is a summary of the findings of the inspection:

1. The monthly totals for PM/PM10, CO, VOC, and SO₂, in tons, for the combined emissions units B001-B004 are not being maintained, as required by Part III. Section A.III.3.e of the Title V permit. Although the information is being used to calculate the rolling 12-month summations for PM/PM 10, CO, VOC, and SO₂, it is not in a format available to view.
2. The records for the three-hour average for NO_x on all four boilers (Part III. Section A.III.5) and the 3-hr average for SO₂ on Boiler 4 (Part III. Section A.III.6) are being maintained, but MJEC was not able to access the information due to unfamiliarity with that specific function of the database during the inspection. The information was received on 9/4/07 in an email attachment.
3. The quality assurance/control plan for the continuous NO_x monitoring systems on all four boilers (Part III. Section A.III.5) and the quality assurance/control plan for the

continuous SO₂ monitoring system on Boiler 4 (Part III. Section A.III.6) have not been developed. The quality assurance/control plans were to be developed within 180 days of the effective date of the Title V permit. These plans must follow the requirements of 40 CFR Part 60, Appendix F.

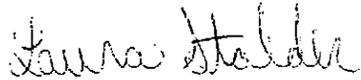
4. The stack tests for NO_x and SO₂, required by the Title V permit to have been completed by 9/15/05, do not appear to have been done. No records of these stack tests can be found at our office. During our follow-up call on September 7, 2007, you indicated that you could not find records of these stack tests at your office. NO_x and SO₂ testing needs to be completed as soon as possible. In addition to SO₂ and NO_x testing, we are also requesting that MJEC conduct VOC testing pursuant to Section A.V.2.
5. The information in items 3. and 4. above was not marked in the 2005 and 2006 Annual Title V compliance certifications as requirements showing intermittent compliance. These certifications should be revised.
6. During the inspection, I also requested copies of all of the correspondence MJEC has on file regarding the stack testing that has been completed for PM, CO, and opacity since the issuance of the Title V permit. Please make sure to include in this submittal the reasons for the particulate matter stack test failures on 10/25/04, 8/11/05, and 2/23/06.
7. The recordkeeping and reporting for days when MJEC burns a fuel other than natural gas or clean blast furnace gas is not being done. The Title V permit states in Part III. Section A.I.2a. that "clean blast furnace gas" is gas that has had particulate matter controlled by Wheeling Pittsburgh Steel's properly operating scrubber system on Blast Furnace #5. It was mentioned that the scrubber system does have malfunctions which cause a blue smoke to be emitted from the boiler stacks for several minutes. No recordkeeping or reporting is currently being done, but Part III. Section A.III.1 requires that each day when a fuel other than natural gas or a combination of natural gas and clean blast furnace gas is burned, it needs to be recorded, and Part III. Section A.IV.1 requires that a deviation report be submitted within 30 days after the deviation.
8. While preparing for the Title V inspection, it was found that MJEC has not submitted an annual compliance report for 2004, covering September through December of 2004. This report was due on 4/30/2005.

Within 15 days of receipt of this letter, please submit to this office a written compliance plan and schedule that outlines the steps you will take to comply with all applicable air regulations. Acceptance by the Ohio EPA of a schedule for compliance does not constitute a waiver of the Ohio EPA's authority to seek civil penalties as provided in section 3704.06 of the Ohio Revised Code. The determination to pursue or decline to pursue such penalties in this case will be made by the Ohio EPA at a later date.

Mike Hatem
Mingo Junction Energy Center
September 10, 2007
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If you are unable to respond to any part of this request within the time frame discussed above, please inform us and explain so that we may be of assistance. If you have any questions, feel free to contact me at (740) 380-5253 or email laura.stalder@epa.state.oh.us.

Sincerely,



Laura Stalder
Environmental Specialist 2
Division of Air Pollution Control
Southeast District Office

LS/mlm

Enclosures