



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
DETROIT



C. HEIDI GREYER  
DIRECTOR

September 28, 2018

Mr. Robert Suida, Plant Manager  
Detroit Renewable Power, LLC  
5700 Russell St.  
Detroit, MI 48211-2545

SRN: M4148, Wayne County

Dear Mr. Suida:

**VIOLATION NOTICE**

On September 15, 2018, the Department of Environmental Quality (DEQ), Air Quality Division (AQD), received the Subpart Cb Semiannual Report (1<sup>st</sup> half 2018) pursuant to 40 CFR 60.59b(g), 40 CFR 60.59b(h), and Renewable Operating Permit No. MI-ROP-M4148-2011a for Detroit Renewable Power (DRP) located at 5700 Russell, Detroit, Michigan. During review of the 1<sup>st</sup> half 2018 Subpart Cb Report in conjunction with the 1<sup>st</sup> Quarter 2018 Continuous Emissions Monitoring Systems (CEMS) Report received April 30, 2018 and associated CEMS data, the AQD evaluated compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Air Pollution Control Rules; and MI-ROP-M4148-2011a.

During the review of the 2017 Subpart Cb Report dated on September 15, 2018 and 1<sup>st</sup> Quarter 2018 CEMS data the following violations were identified:

Process Description	Rule/Permit Condition Violated	Comments
Boiler 12 and 13	MI-ROP-M4148-2011a, FGBOILERS011-013, SC VII. 7.a.ii 40 CFR 60.39b 40 CFR 60.59b(g)(1)(ii) 40 CFR 62.14109	Failure to list the highest emission level recorded for Boiler 12 (Sulfur dioxide [SO <sub>2</sub> ] at 38 ppmv on 1/15/2018 and carbon monoxide [CO] at 283 ppmv on 1/30/18) and Boiler 13 (SO <sub>2</sub> at 33 ppmv on 1/23/2018).

Per ROP No. MI-ROP-M4148-2011a, FGBOILERS011-013, Special Condition (SC) VII. 7.a.ii and 40 CFR 60.59b(g)(1)(ii) the annual and semi-annual report shall include "a list of the highest emission level recorded for sulfur dioxide, nitrogen oxides, carbon monoxide...".

Within Appendix A of the Subpart Cb Report dated September 15, 2018, DRP reports the highest emission levels for the 1st half 2018 as follows.

- Boiler 12 – SO<sub>2</sub> 24-hour geometric mean of 30 parts per million (ppm) at 7% oxygen (O<sub>2</sub>)
- Boiler 12 – CO 24-hour daily average of 174 ppm at 7% O<sub>2</sub>
- Boiler 13 – SO<sub>2</sub> 24-hour geometric mean of 22 ppm at 7% O<sub>2</sub>

CEMS data provided as part of the 1<sup>st</sup> CEMS Report indicates that actual highest emissions levels as follows.

- Boiler 12 on January 15, 2018 – SO<sub>2</sub> 24-hour geometric mean of 38 ppm at 7% O<sub>2</sub>
- Boiler 12 on January 30, 2018 – CO 24-hour daily average of 283 ppm at 7% O<sub>2</sub>
- Boiler 13 on January 23, 2018 – SO<sub>2</sub> 24-hour geometric mean of 33 ppm at 7% O<sub>2</sub>

Failure to list the highest emission level recorded listed above is a violation of ROP No. MI-ROP-M4148-2011a, FGBOILERS011-013, SC VII. 7.a.ii, 40 CFR 60.39b, 40 CFR 60.59b(g)(1)(ii), and 40 CFR 62.14109.

On July 20, 2018, a Violation Notice was issued for the above listed exceedances. On August 10, 2018 DRP's Response to Violation Notice dated July 20, 2018 was received. Within that response DRP claims that above listed emissions are not exceedances due to "partial block period" definition included in Appendix 1b (definitions) of MI-ROP-M4148-2011a. The AQD disagrees with this assertion and provided additional guidance to DRP on September 26, 2018, regarding the calculation of 24-hour SO<sub>2</sub> and CO emissions (please see the attached enclosure).

Please initiate actions necessary to correct the cited violation and submit a written response to this Violation Notice by October 19, 2018 (which coincides with 21 calendar days from the date of this letter). The written response should include: the dates the violation occurred; an explanation of the causes and duration of the violation; whether the violation is ongoing; a summary of the actions that have been taken and are proposed to be taken to correct the violation and the dates by which these actions will take place; and what steps are being taken to prevent a reoccurrence.

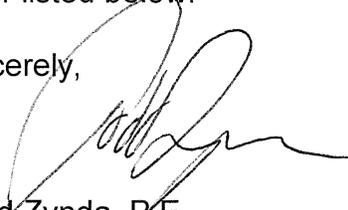
Please submit the written response to the DEQ, AQD, Detroit District, at 3058 West Grand Boulevard, Suite 2-300, Detroit, Michigan 48202 and submit a copy to Ms. Jenine Camilleri, Enforcement Unit Supervisor, at the DEQ, AQD, P.O. Box 30260, Lansing, Michigan 48909-7760.

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If DRP believes the above observations or statements are inaccurate or do not constitute violations of the applicable legal requirements cited, please provide appropriate factual information to explain your position.

Thank you for your attention to resolving the violations cited above. If you have any questions regarding the violations or the actions necessary to bring this facility into compliance, please contact me at the number listed below.

Sincerely,

A handwritten signature in black ink, appearing to read 'Todd Zynda', written over a large, faint circular stamp or watermark.

Todd Zynda, P.E.  
Senior Environmental Engineer  
Air Quality Division  
313-456-2761

Enclosure

cc: Mr. Mark Fletcher, DRP  
Mr. Paul Max, City of Detroit BSEED  
Ms. Mary Ann Dolehanty, DEQ  
Mr. Craig Fitzner, DEQ  
Mr. Christopher Ethridge, DEQ  
Ms. Jenine Camilleri, DEQ  
Ms. Wilhemina McLemore, DEQ  
Mr. Jeff Korniski, DEQ