



United States Steel Corporation  
Great Lakes Works  
Environmental Department  
No. 1 Quality Drive  
Ecorse, Michigan 48229



August 9, 2019

Mr. Jonathan Lamb  
State of Michigan, Department of Environment,  
Great Lakes, and Energy  
Air Quality Division, Detroit Office  
3058 W. Grand Blvd, Suite 2-300  
Detroit, MI 48202

**SENT VIA ELECTRONIC MAIL AND CERTIFIED MAIL**

**SUBJECT: United States Steel Corporation – Great Lakes Works  
D4 Blast Furnace  
Violation Notice dated July 19, 2019**

Dear Mr. Lamb:

On July 19, 2019, U. S. Steel – Great Lakes Works (U. S. Steel) received a violation notice (VN) dated July 19, 2019 from the Michigan Department of Environment, Great Lakes, and Energy (EGLE) regarding visible emissions observed by EGLE staff on June 11, 2019 from the D4 Blast Furnace. In the notice, EGLE alleges U. S. Steel exceeded the visible emission limitations required by ROP No. 199600132d, A-1, General Condition 2.a and MI Rule 336.1301(1)(a) on June 11, 2019.

On the morning of June 11, 2019, abnormal visible emissions were observed from the top of D4 Blast Furnace by U. S. Steel personnel. An investigation into the source of the abnormal emissions was immediately commenced. Due to the suspected location of the source of the emissions, safety precautions had to be taken to investigate the top of the furnace, delaying the inspection until that afternoon. During the inspection of the top of D4 Blast Furnace, leaks coming from the ductwork around the furnace uptakes and the furnace top lip ring were discovered and a plan for repairs was developed. D4 Blast Furnace was shut down on June 12, 2019 to make temporary repairs to patch the furnace uptakes and lip ring. On June 17, 2019, D4 was shut down again, so more permanent repairs could be performed to the furnace uptakes and lip ring. As we communicated with the Department on June 19, 2019, the furnace was successfully brought back to operation on June 18, 2019.

We would be pleased to address any questions or concerns the EGLE may have. If you have any questions regarding this matter or require additional information, please contact Alexis Piscitelli at 313-749-3900.

RECEIVED  
Mr. Jonathan Lamb, Department of Environment, Great Lakes, and Energy

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I certify that based off information and belief formed after reasonable inquiry, the information provided in this response is true and correct to the best of my knowledge and information.

Sincerely,



Daniel R. Brown  
General Manager  
U. S. Steel – Great Lakes Works



Alexis Piscitelli  
Director, Environmental Control  
U. S. Steel – Great Lakes Works

cc: Dave Hacker (U. S. Steel)  
Jenine Camilleri (EGLE)