

COUNTY OF



ALLEGHENY

RICH FITZGERALD  
COUNTY EXECUTIVE

January 28, 2022

**NOTICE OF DISAPPROVAL AND ORDER FOR COMPLIANCE**

**CERTIFIED MAIL - 9489 0090 0027 6037 9321 81**

Kurt A. Barshick  
US Steel Edgar Thomson  
U. S. Steel Mon Valley Works – Edgar Thomson Plant  
P.O. Box 878  
Dravosburg, PA 15122

**RE: Notice of Disapproval and Order for Modification of Mon Valley Air Pollution Mitigation Plan (Article XXI § 2106.06)**

Dear Kurt A. Barshick:

As you are aware, in September 2021, the Mon Valley Air Pollution Episode Rule (hereinafter “Episode Rule”), Article XXI § 2106.06, was passed by Allegheny County Council and signed by the County Executive. The Episode Rule requires that subject facilities submit to the Allegheny County Health Department (ACHD) a Mon Valley Air Pollution Mitigation Plan (hereinafter “Episode Mitigation Plan”) to reduce PM<sub>2.5</sub> and PM<sub>10</sub> emissions to be implemented during the Mon Valley Air Pollution Watch and Warning Phases. The Episode Mitigation Plan must include procedures to ensure that the source is operating in a manner consistent with good engineering practice and all air pollution control equipment is maintained in good working condition. The Episode Mitigation Plan is also required to include procedures for record keeping and reporting and procedures to ensure that the source has sufficient staff and resources available to implement the Mon Valley Air Pollution Warning Phase within 24 hours of the ACHD’s notification to the source of a Mon Valley Air Pollution Watch or Warning.

On December 27, 2021, the ACHD received the US Steel Edgar Thomson Plant’s Episode Mitigation Plan. The ACHD has determined that the Episode Mitigation Plan is unacceptable for the reasons set forth below. The US Steel Edgar Thomson Plant is hereby **ORDERED** to modify and resubmit the Episode Mitigation Plan which shall include the following changes and/or additions:

- a. The potential to emit from this facility for PM, PM<sub>10</sub>, and PM<sub>2.5</sub> are 1,325.14, 1,312.0, and 1,312.0 ton/yr respectively and the proposed 4% reduction in PM<sub>10</sub> and 1% reduction in PM<sub>2.5</sub> are insufficient. Source is required to resubmit a plan that will affect a greater reduction of its actual emissions such that said reduction will have an appreciable effect on air quality of the municipalities identified in §2106.06.d. during any air pollution episode;



DEBRA BOGEN, MD, FAAP, FABM, DIRECTOR  
**ALLEGHENY COUNTY HEALTH DEPARTMENT**  
**AIR QUALITY PROGRAM**

301 39<sup>TH</sup> STREET • CLACK HEALTH CENTER • BUILDING 7  
PITTSBURGH, PA 15201-1811  
PHONE (412) 578-8103 • FAX (412) 578-8144  
24-HR (412) 687-ACHD (2243)  
WWW.ALLEGHENYCOUNTY.US/HEALTHDEPARTMENT



- b. Source is required to resubmit a plan that lists specific actions it **will** take during the warning phase;
- c. Source is required to submit an estimate of the percentage emissions decrease based on maximum expected daily reductions for all processes considered and not just storage piles and roadways in Microsoft Excel or similar format;
- d. The source proposed in the plan that “Any non-essential plant or contractor activity contributing to airborne dust will be curtailed.” These include a. Dry vac truck services b. Sandblasting activity c. Other contractor activity as determined during the evaluation conducted in the Watch phase but failed to quantify or specify the emission reductions from these adjustments. Source must identify the control/reduction of specific emissions for each process, not just the activities listed above; and
- e. Plan shall include specific procedures for record keeping and reporting as detailed in §2106.06.e.

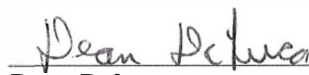
Pursuant to Article XXI, § 2106.06.g.2, US Steel Edgar Thomson Plant shall submit to the ACHD the modified Episode Mitigation Plan within **thirty (30)** days from receipt of this Notice and Order. **Please be aware that US Steel Edgar Thomson Plant’s Episode Mitigation Plan submitted on December 27, 2021, shall remain in effect until the modified Plan is received by the ACHD.** The modified Episode Mitigation Plan shall be effective upon submission to the ACHD.

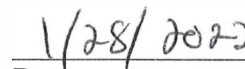
Please be advised that in the event that US Steel Edgar Thomson Plant fails to resubmit a modified Episode Mitigation Plan or fails to resubmit the Plan in accordance with the changes and/or additions specified above, the ACHD has the authority under Article XXI, § 2106.06.g.4, to issue an order to US Steel Edgar Thomson Plant detailing the procedures for a Mon Valley Air Pollution Watch or Warning Phase. Further, the failure to comply with this Order within the times specified herein is a violation of Article XXI giving rise to the remedies provided by Article XXI, § 2109.02, including civil penalties of up to \$25,000 per violation per day.

Pursuant to Article XI, § 1104.A (“Hearings and Appeals”), of the ACHD Rules and Regulations, you are notified that if you are aggrieved by this Order, a Notice of Appeal shall be filed no later than thirty (30) days after receipt of written notice or issuance of this Order. Such a Notice of Appeal shall be filed in the Office of the Director at 542 Fourth Avenue, Pittsburgh, PA 15219. This Order is enforceable upon issuance and any appeal of this Order shall not act as a stay unless the Director of the ACHD so orders. In the absence of a timely appeal, the terms of this Order shall become final. A copy of Article XXI and Article XI regulations may be found at <https://www.alleghenycounty.us/HealthDepartment/Health-Department-Regulations.aspx>.

If you have any questions concerning this Order, or if we can be of further assistance, please call Shannon Sandberg at 412-578-7969 or Dean DeLuca at 412-578-8188.

Regards,

  
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Dean DeLuca  
Air Quality Program Manager

  
\_\_\_\_\_  
Date