

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: Off-site Inspection

P108863461

<b>FACILITY:</b> Northfork Construction	<b>SRN / ID:</b> P1088
<b>LOCATION:</b> 5665 W Hwy US2, MANISTIQUE	<b>DISTRICT:</b> Marquette
<b>CITY:</b> MANISTIQUE	<b>COUNTY:</b> SCHOOLCRAFT
<b>CONTACT:</b> Ryan Knoph , Supervisor	<b>ACTIVITY DATE:</b> 06/17/2022
<b>STAFF:</b> Lauren Luce	<b>COMPLIANCE STATUS:</b> Compliance
<b>SUBJECT:</b> Targeted Inspection FY22	<b>SOURCE CLASS:</b>
<b>RESOLVED COMPLAINTS:</b>	

**Facility:** Northfork Construction (SRN P1088)

**Location:** 5665W US Highway 2, Manistique, Schoolcraft County, MI

**Contacts:** Ryan Knoph, Supervisor; Michelle Yurk, Office Manager

### Regulatory Authority

*Under the Authority of Section 5526 of Part 55 of NREPA, The Department of Environment, Great Lakes, and Energy (EGLE) may upon the presentation of their card, and stating the authority and purpose of the investigation, enter and inspect any property at reasonable times for the purpose of investigating either an actual or suspected source of air pollution or ascertaining compliance or noncompliance with NREPA, Rules promulgated thereunder, and the federal Clean Air Act.*

### Facility Description

Northfork Construction is a construction company based in Manistique, MI. The company does initial ground-breaking, grading, septic systems, digging basements, and rough-in construction.

### Process Description

A crushing plant produces smaller size aggregate from larger size rock. The final product can be used for a variety of applications from infrastructure projects to residential landscape purposes. A crushing plant can consist of loaders, haul trucks, generators, crushers, screens, conveyors, and stockpiles. The plant is normally located within a quarry, crushing stone that was generated from blasting. The process begins with large size rocks being fed into the primary crusher via loader, producing an initial size product. From the primary crusher, the product can be conveyed into a screen plant that separates the crushed aggregate into various sized products. Smaller size material is filtered out and leaves on separate conveyors to stockpiles, while larger size material continues into the secondary crusher. A secondary crusher will break the aggregate down into smaller sizes before it enters the screen plant again or continues down the line to a tertiary screen and crusher. A crushing plant may have several crushers, screens, and conveyors depending on how many sizes of aggregate are to be produced.

### Emissions

Stone crushing and processing operations can cause point and fugitive emissions of PM, PM10, and PM2.5. Emissions from process operations should be considered fugitive unless the source of emissions is vented through a force-air vent or stack. Fugitive sources of emissions are generated from machine movement and wind erosion. Emission sources can include hauling, crushing,

screening, and transferring of material. The primary factors affecting PM emissions are wind and moisture content of the material. Spray bars on crushers and screens, along with the use of dust suppressants on roadways reduces fugitive dust emissions from activity by 60% to 85%. Moisture on the surface of the material can cause fine particles to adhere resulting in a dust suppression effect.

**Emissions Reporting**

Northfork Construction did not report to MAERS for 2021. It appears the facility did operate in 2021.

**Regulatory Analysis**

Northfork Construction is subject to Permit to Install (PTI No. 173-19) for a portable non-metallic crushing plant. The facility is subject to NSPS Subpart OOO by having a portable crushing plant with a crushing capacity of greater than 150 tons/hr and equipment that has been constructed after August 31, 1983.

**Compliance History**


The facility has not received any violation notices in the past five years.

**Inspection**

On 6/13/22, AQD Staff (Lauren Luce) sent an email and left a voicemail at Northfork Construction regarding the location and operating status of their crushing equipment. On 6/17/22, a follow-up phone call was made. A conversation was had with Michelle Yurk, Office Manager at Northfork Construction, regarding the equipment. Michelle noted they no longer had the equipment and wished to void their permit. She then sent an email requesting the permit be voided. AQD Staff also spoke to Ryan Knoph, Supervisor at Northfork Construction, who stated that they did not purchase their own equipment and were previously using equipment that was rented out of Wisconsin. The equipment has since been returned to Wisconsin. Staff spoke with Ryan Knoph regarding some additional information needed to void their permits (PTI No. 173-19 and PTI No. 29-21). An email was sent requesting this information on 6/17/22. A follow-up email was sent on 6/22/22. An additional follow-up email and phone call was made on 6/29/22. At the time of this report, a response has not been received.

**Compliance**

Based on this inspection, it appears that Northfork Construction is in compliance with PTI No. 173-19.

NAME 

DATE 07-06-2022

SUPERVISOR 