

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

P097746944

FACILITY: Founders Brewing Company - Barrel House		SRN / ID: P0977
LOCATION: 900 Hynes Avenue SW, GRAND RAPIDS		DISTRICT: Grand Rapids
CITY: GRAND RAPIDS		COUNTY: KENT
CONTACT: Jared Vosler , Director of Quality, Safety & Environmental Mgt.		ACTIVITY DATE: 10/30/2018
STAFF: April Lazzaro	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Minor
SUBJECT: Unannounced, self-initiated inspection.		
RESOLVED COMPLAINTS:		

Staff, April Lazzaro arrived at the facility to conduct an unannounced, self-initiated inspection and met with Jared Vosler, Director of Quality, Safety & Environmental Management and Cody Green, Environmental, Health & Safety Manager. No odors were identified surrounding the facility at the time of the inspection.

FACILITY DESCRIPTION/ COMPLIANCE EVALUATION

Founders Brewing Company – Barrel House is the company's barrel aged products manufacturing and storage facility. First, raw materials like grains are brought in and stored in one of 5 silos. Each silo is equipped with a filter for particulate control and is exempt per Rule 284(2)(k). The raw materials are metered in the correct amounts and set to brew. All boiled vapor is redirected for heat recovery and then condensed. Any solids are removed before it goes to the drain. The system has 25 fermenters that are vented internally. All equipment utilizes a glycol cooling system.

Following the brewing processes the beer is placed in a barrel to age for 6-12 months. After the aging, the product will be carbonated and bottled for sale.

The keg washing station was also observed and discussed with Mr. Green. He stated that this internally vented process uses non-volatile cleaning solutions that are sprayed into a keg then drained out, followed by water rinse(s) and additional draining. The operation is internally vented, had little to no odor when observed at the facility and no toxic air contaminant emissions are anticipated.

Steam for this location is generated by a 5.02 million Btu/hr boiler that burns natural gas only. This boiler is exempt from permitting and from the federal NSPS.

A small inkjet printer is on site, emissions are minimal. No label printing is done here, and only a cold glue is used to adhere labels to bottles.

At the end of the inspection, we discussed recordkeeping and Mr. Green said it was up-to-date, and equipment on-site is exempt from permitting. He emailed emissions sheets and they are attached. Rule 290 is utilized, and the highest reported emissions were in February 2018 at 72.36 pounds. We also discussed that this location will not be hard piped to the City of Grand Rapids WWTP new digester when it is finished due to the distance.

CONCLUSION

Founders Brewing Company- Barrel House was in compliance at the time of the inspection.

NAME



DATE

11-16-18

SUPERVISOR

