

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

P093045497

FACILITY: Five O'Clock Brands		SRN / ID: P0930
LOCATION: 4210 Edgeland Avenue, ROYAL OAK		DISTRICT: Southeast Michigan
CITY: ROYAL OAK		COUNTY: OAKLAND
CONTACT: James Spear , President/CEO		ACTIVITY DATE: 07/23/2018
STAFF: Robert Joseph	COMPLIANCE STATUS: Unknown	SOURCE CLASS: MINOR
SUBJECT: Self-Initiated Inspection follow-up		
RESOLVED COMPLAINTS:		

On Monday, July 23, 2018, I, Michigan Department Environmental Quality-Air Quality Division staff Robert Joseph, conducted a follow self-initiated inspection of Five O' Clock Brands located at 4210 Edgeland Avenue, Royal Oak, MI 48073. The purpose of the inspection was to determine the facility's compliance with the requirements of the Federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 Public Act 451 and Michigan Department of Environmental Quality-Air Quality Division (MDEQ-AQD) Administrative Rules.

This was a follow-up from my visit to the facility on Thursday, June 21, 2018. On that day, I was investigating a burnt, smoky odor complaint that was alleged to be emanating from a nearby transformer facility on June 14, 2018, however, I detected the odor originating from Five O' Clock Brands that day. A full compliance inspection could not be performed that day due to the lack of personnel available at the facility.

Opening Introduction

I arrived at the facility at approximately 11am and I did not detect any odors outside of the facility's property, nor once inside. I met with the facility president, James Spear, and introduced myself and presented my identification and credentials and stated the purpose of my visit. I asked James to give me an overview of the facility. He indicated the facility name to be Five O' Clock Brands with a subsidiary name of King Coffee and Tea Services. Five O' Clock Brands operates at the 4210 Edgeland Avenue address and has been in business since 2011. The building that is adjoined to it is referred to as King Coffee and Tea Services. Its address is 4220 Edgeland Avenue and has been in business since 1999.

He indicated that the office building is named Five O' Clock Brands and the King Coffee and Tea Services' building is the working process and retail building. I asked him what processes occur at the facility and what is nature of the facility's business. He indicated the facility roasts green coffee beans. He indicated the coffee beans are sold under the name Crazy Fresh Coffee at retail stores such as Costco. In addition, he said the facility is a wholesaler of tea and wine to retail stores and restaurants. The facility also sells espresso machines to restaurants. James indicated their specialty is Italian wines and wanted to assure me they only sell wines to restaurants which possess a wine license.

I asked him the hours of operation and the number of employees employed by both facilities. He indicated the hours of operation to be 8:30am-5pm, Monday through Friday, and that approximately 15 employees are employed. I then asked James if he could provide me a tour of the facility.

Facility Inspection

Roasting Process

James led me into the King Coffee and Tea Services facility where the green coffee beans are roasted. They are roasted in a Diedrich Coffee Roaster model IR-24 with a natural gas heat capacity of 113,000 Btu. It holds approximately 40 lbs of coffee beans and James indicated that usually 20-30 lbs of coffee are roasted at a time. He indicated depending on retail orders, the roaster may operate several times during the day, but mostly during the morning hours on Tuesdays and Wednesdays. The beans are placed in the roaster once it is preheated to approximately 400-420 degrees Fahrenheit. There are options on the roaster which allow air flow to be adjusted. Once roasted, the beans are dropped in a bin and cooled. The ventilation process exits through a stack which appeared to measure about 5 feet in diameter at about 60 feet in height through the building roof.

I asked James if any other processes are performed by the facility which emit air contaminants, or if any air pollution control equipment are present at the facility. He indicated that no other processes occur at the facility. I asked him if there were any boilers, generators, or cold cleaners at the facility and he indicated there were not any.

Conclusion

I concluded my inspection and thanked James for his time and cooperation. I informed him that the facility would not receive a violation notice for the odor nuisance that was investigated last month, however, should the odors persist in the future the facility could be subject to a Rule 901 Odor Nuisance depending on intensity, frequency and duration. In addition, I informed him that the roasting process may require a permit to install (PTI) in-regards to Michigan's Air Quality Rule 201. I indicated to him I would provide a follow contact via email with this determination.

After having discussions with the AQD Supervisor, it has been determined that no exemptions exist within the Permit to Install Exemption Handbook regarding the roasting process of the coffee employed by the facility. I contacted James regarding this and provided him a link for a PTI application on Wednesday, August 1, 2018. He indicated that he mailed the application via express mail the next day on Thursday, August 2, 2018

NAME Robert Joseph DATE 08/01/18 SUPERVISOR SK