

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

N791149636

FACILITY: JACKSON NATIONAL LIFE INS		SRN / ID: N7911
LOCATION: 5913 EXECUTIVE DR, LANSING		DISTRICT: Lansing
CITY: LANSING		COUNTY: INGHAM
CONTACT: Mary Bainbridge , Sr. EHS Coordinator		ACTIVITY DATE: 07/11/2019
STAFF: Samantha Braman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced, scheduled inspection for compliance with PTI No. 362-07.		
RESOLVED COMPLAINTS:		

N7911– Jackson National Life**Facility Contacts:**

Mary Bainbridge – EHS Coordinator, 517-420-5948, mary.bainbridge@jackson.com
 Tim Dooling – Facilities Manager – 517-367-3381,
 Murray Bainbridge – Electrical Services Manager – 517-896-3715, murray.bainbridge@jackson.com

MDEQ AQD Personnel:

Samantha Braman – (517) 282-1373, bramans1@michigan.gov

Facility Description:

Jackson National Life is a life insurance company who has two general permits with the air quality division for emergency engine generators at two separate locations.

SRN: N7911 is located at 5913 Executive Drive, Lansing, MI has General PTI No. 362-07 for 2 emergency generators (originally 4).

Safety Equipment Required:

Eye protection, vest, hard hat, ear plugs, steel toed boots if the

Location:

This site was the original headquarters and it located just North of I-96. North of Edgewood Towne Center off of Miller and Pennsylvania in a small industrial park.

Previous Complaints:

None.

Inspection Summary:

This was an unannounced, scheduled inspection for compliance with PTI No. 362-07.

I arrived at 11:10am.

I checked in at the security desk and found out that Tim and Mary were away that day at a training. Murray Bainbridge, electrical services manager, was able to show me around the facility.

I first did an inspection of the engines at One Corporate Way (SRN N7780), before heading to inspect the engines at 5913 Executive Drive.

Two of the exiting units (Caterpillar SR4B with CAT 3412 Diesel Engines) were sold approximately 3 years ago when the data center was removed. I witnessed that the engine houses along with the engines were no longer on site.

Unit	Description	Hours (as of 7/11)	Last Oil Change	Next Oil Change	Compliance (Y/N)
5	Caterpillar SR4B with CAT C32 Diesel Engine rated at 1 MW. Installed 2007.	354.5	3/22/17	3/22/20	Y
6	Caterpillar SR4B with CAT	355.4	3/22/17	3/22/20	Y

	C32 Diesel Engine rated at 1 MW. Installed 2007.				
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Murray and I then went to collect records. I learned as a part of their maintenance plan; they do 20-minute runs each week for both generators as well as monthly testing where they run each engine for 30-40 minutes. I asked for the July 2018 monthly maintenance records. I received them for both generators.

I left the site at 1:15pm.

On Monday, July 15th, I received the fuel usage records for all the generators for the year of 2017 from Mary Bainbridge. Condition 1.4 of the permit limits the fuel usage of all the generators to 136,000 gallons per 12 month rolling. The fuel usage in 2017 for the two engines was 950.8 which is considerably low the permit limit.

Maintenance and fuel usage records can be found attached to the hard copy of this report.

Based on the information I received, it appears that Jackson National Life (N7911) is in compliance with PTI No. 362-07.

NAME *Samuel H. Brown* DATE *7/24/19* SUPERVISOR *S. J.*