

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

P050024855

FACILITY: SEBEWAING LIGHT AND WATER DEPARTMENT-BLUB CRUSHER		SRN / ID: P0500
LOCATION: 350 PINE STREET, SEBEWAING		DISTRICT: Saginaw Bay
CITY: SEBEWAING		COUNTY: HURON
CONTACT: Pete Smith ,		ACTIVITY DATE: 04/09/2014
STAFF: Gina McCann	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: New PTI 16-14 inspection. glm		
RESOLVED COMPLAINTS:		

I (glm) conducted an inspection at Sebewaing Light and Water Department for the Village of Sebewaing on April 9, 2014. Sebewaing Light and Water holds two active permits with AQD, one for a fluorescent light bulb crusher (PTI 16-14) and one for 12-power generating engines (PTI 27-94).

Facility Description

Sebewaing Light and Water Department supplies the Village of Sebewaing with electric, water and internet utilities. They are currently working through and energy optimization plan, which requires the Village to replace less energy efficient fluorescent light bulbs with more energy efficient bulbs. I met with Melanie McCoy, Superintendent, Eric Kelly and Pete Smith. Mr. Smith gave me a tour of the facility and the bulb crusher.

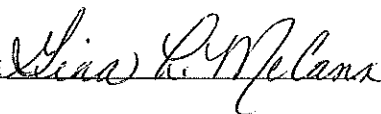
Compliance Description

The bulb crusher is one 55-gallon drum-top crusher, controlled by a bag filter followed in series by a HEPA filter and an activated carbon filter. The sealed lid contains the crushing unit and associated filter. When the facility has collected a bundle of bulbs they run through the crusher and when the 55-gallon drum is full, the equipment lid is replaced with a sealed shipping lid and Air Cycle Services picks up the spent drum and replaces it with an empty 55-gallon drum.

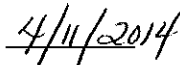
Mr. Smith was able to provide the appropriate records to demonstrate compliance with PTI 16-14. For the month of February 2014 the facility crush six 4-foot bulbs and thirty 8-foot bulbs. For the month of March 2014 the facility crushed one hundred twenty-five 4-foot bulbs. The facility had replacement HEPA filters on hand and was recording the appropriate data. Additionally, the equipment was placed within the confines defined within the permit.

At the time of my inspection the facility was in compliance with PTI 16-14.

NAME



DATE



SUPERVISOR

