

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

P075144797

FACILITY: Surrey Veterinary Clinic		SRN / ID: P0751
LOCATION: 3598 S. Clare Ave., CLARE		DISTRICT: Saginaw Bay
CITY: CLARE		COUNTY: CLARE
CONTACT: Stephen Siegert , Veterinary/Operator		ACTIVITY DATE: 06/19/2018
STAFF: Meg Sheehan	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Follow-up inspection conducted to determine if the violation notice from 2/28/2018 could be resolved.		
RESOLVED COMPLAINTS:		

On June 19, 2018, Meg Sheehan and Chris Hare conducted a follow-up inspection at Surrey Veterinary Clinic to determine the compliance status of the crematory permitted under PTI 165-16. During the initial inspection on February 28, 2018, the crematory was found to be out of compliance with permit conditions III.1 and VI.6. and a subsequent Violation Notice was sent to the facility. The response to the VN, which details what was done to bring the crematory back into compliance, can be found in the district file.

Mrs. Peggy Siegert began by showing us the improved record keeping system. The facility has installed an automatic monitoring system, which feeds temperature information directly from the crematory to an office computer. Mrs. Siegert then prints out the reports and files them in the designated record keeping binder.

Dr. Stephen Siegert turned on the crematory so we could view it in operation. He placed a charge (a small cat) inside and turned the crematory on. It goes through a 30 second purge cycle, then a 20 minute pre-burn where the upper chamber begins to heat up before firing the lower chamber. During the 20 minute pre-burn, slight emissions were noted, but remained at or below 20% opacity and decreased over time. After 20 minutes, the burn cycle began and the lower chamber fired. The temperature of the upper chamber at the beginning of the 1 hour, 30 minute burn cycle was approximately 700 C (1,292 F). After 8 minutes into the burn cycle, the upper chamber reached approximately 871 C (1,600 F). The opacity continued to remain well below 20%.

Due to the small amount of emissions and minimal opacity observed coming out of the crematory's stack, as well as the improved record keeping system, district staff determined that the violation notice sent on February 28, 2018 may be resolved, and no further action is required.

NAME Meg Sheehan      DATE 6/20/18      SUPERVISOR Chris Hare