

## Plain Language Summary for New Source Review (NSR) Initial Application for Air New Source Review Permit Number 176168

*The following summary is provided for this pending air permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.*

The Bridge Pet Memorial, LLC. (CN606256444) has submitted an application for initial permit number 176168. The The Bridge Pet Memorial (RN111962270) will produce/manufacture pet cremation at 402 Preston Ave, Bldg E, Pasadena, Harris County.

This permit will authorize pet cremation service cremating pets. The Bridge Pet Memorial, LLC. has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

<b>Pollutant</b>	<b>Proposed Emissions (tons per year)</b>
VOC	0.03
PM	0.44
PM <sub>10</sub>	0.44
PM <sub>2.5</sub>	0.44
NO <sub>x</sub>	0.33
CO	0.28
SO <sub>2</sub>	0.20
Pb	0.00

The new facilities will be controlled by a multi-chamber unit that can be fueled by either Natural Gas or LP Gas. The secondary chamber of each unit are preheated to 1600 °F. Once the secondary chamber has preheated, the remains are loaded into the primary chamber for cremation. The temperature in the secondary chamber is continuously monitored and recorded while the cremation unit is in operation. The cremation unit comes equipped with an opacity monitor on the stack which during the operation of the unit will monitor the opacity on the exhaust gases

The cremation unit will not have any emissions during maintenance and shutdown. Startup emissions would be similar to normal operation emissions.