

More on LNG Facility Emissions

From Email from Wilma Subra in answer to follow-up questions.

If you add the LNG facility emissions to the TOTE barge emissions which are currently there, a large increase in toxic emissions will be added to the air quality burden currently impacting the people on the hill.

The enclosed flare will be the largest source of NO_x, CO, SO₂, PM₁₀, P_{2.5}, VOCs, Toxic Air Pollutants and Green House Gases. The enclosed flare is used to burn the impurities cleaned from the pipeline gas pretreatment process. The enclosed flare combust some of the VOCs to CO and water. The hydrogen sulfide, mercaptan and sulfur compounds are converted to sulfur dioxide and other sulfur oxides.

Once the materials are burned, the emissions are released into the ambient air. Toxic Air Pollutants include NO₂, CO₂, SO₂ and diesel particulate matter. The emission levels are sufficient to cause health impacts down wind.