

TABLE 2

SOLAR-SPARK VENT FLARE
 Calculated Maximum
 Criteria Pollutant Emissions

Landfill Gas Flow: 60 SCFM Landfill Gas

<u>Compound</u>	<u>Note</u>	<u>Emission Factor</u>	<u>Emission Rate (lb/hr)</u>
NO _x	1	40 lb/10 ⁶ DSCF methane	0.072
CO	2	0.168 lb/MMBTU	0.302
PM	1	17 lb/10 ⁶ DSCF methane	0.031
SO ₂	3	46.9 PPMV	0.014
VOC	4	4.6 PPMV	0.004

NOTES:

- 1) AP-42; assume LFG 50% methane
- 2) U.S. Department of Commerce. Methodologies for Quantifying Pollution Prevention Benefits from Landfill Gas Control and Utilization. U.S.E.P.A. Washington, July 1995.
- 3) AP-42 default value
- 4) AP-42; assume 98% destruction; assume VOC = 39% NMOC; assume raw NMOC = 595 PPMV