

Walker Industries

Renewable Natural Gas

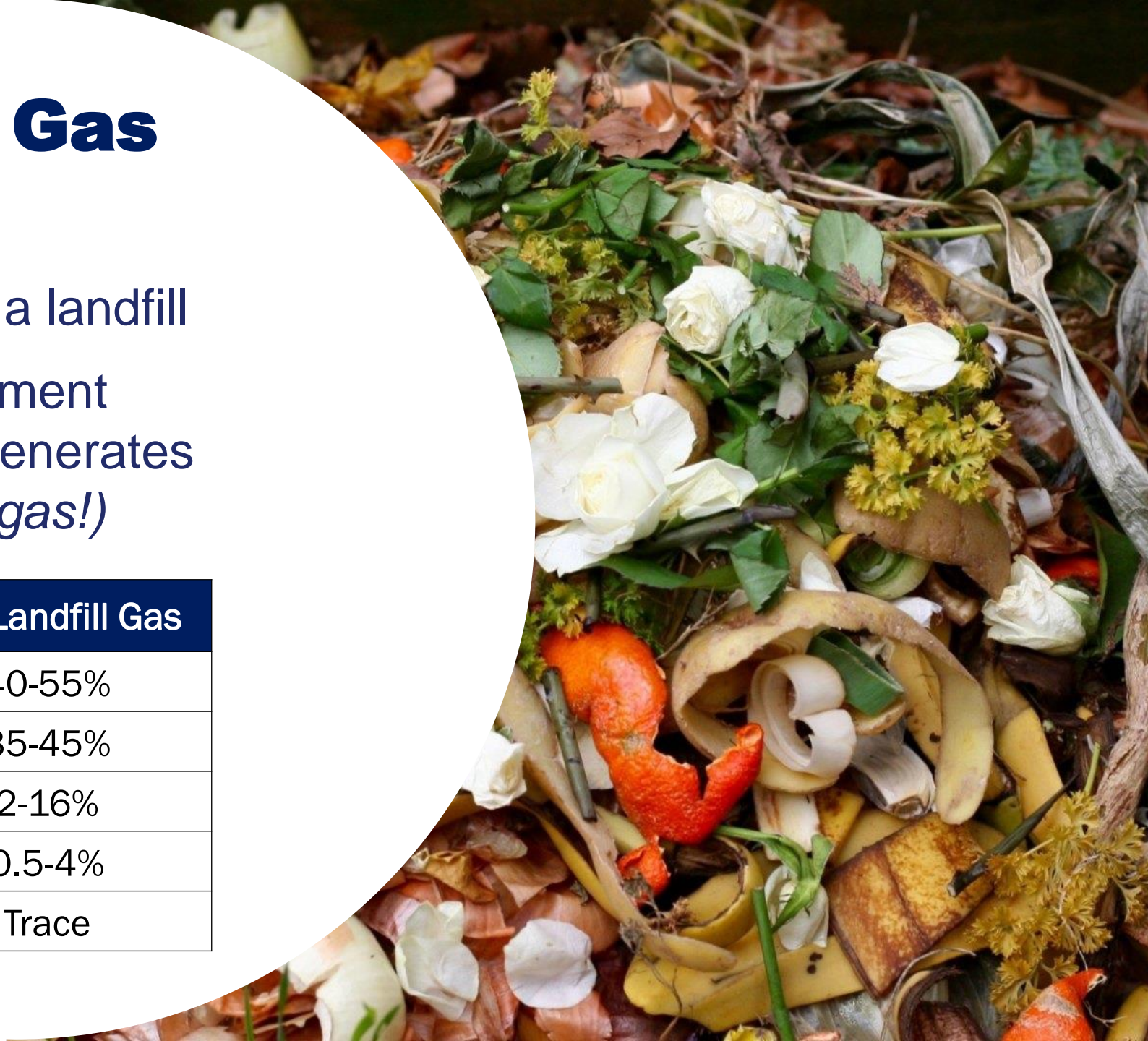
Graham A. Guest, C. Tech.,
General Manager, Energy & Technical Services



What is Landfill Gas (LFG)?

- ▶ Organics break down in a landfill
- ▶ The low-oxygen environment means the breakdown generates methane (*a.k.a. natural gas!*)

Constituents	% in Landfill Gas
Methane (CH ₄)	40-55%
Carbon Dioxide (CO ₂)	35-45%
Nitrogen (N ₂)	2-16%
Oxygen (O ₂)	0.5-4%
H ₂ S, Siloxanes, NMOCs	Trace



RNG PROJECT OVERVIEW



- ▶ Cleans up naturally occurring Landfill gas to RNG
- ▶ \$45M investment in Niagara
- ▶ Produces enough energy to heat 8,750 homes annually
- ▶ Reduces Greenhouse Gas emissions by 48,000 tonnes per year = 10,300 cars



The RNG Project

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- ½ Carbon-Intensity of Fossil-Natural Gas
- Distributed anywhere a pipeline connection is available
- RNG is a drop-in replacement for Fossil-Natural Gas

Thank You

Questions?

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