

Phase H: Landfill Gas Collection System Expansion

City Council | October 21, 2025

Presented by: Public Works

Camelot Landfill

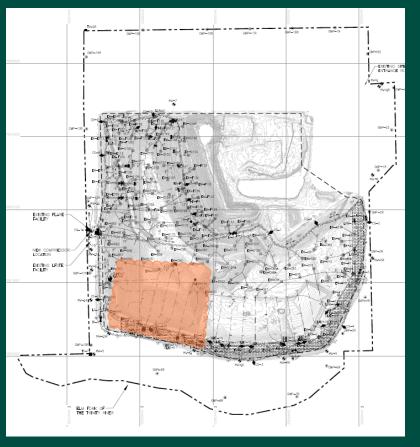
- City-owned Type I municipal solid waste landfill. The City is the permit holder of this facility
- Located in Lewisville
- Permit 1312B Amendment approved in August 2017
- Permitted disposal capacity:
 53,200,000 cubic yards
- Operated by Camelot Landfill, TX LP- a subsidiary of Republic Services



Landfill Gas (LFG) Basics

- Natural byproduct of decomposition of organic material
- Typically, 50% methane and 50% carbon dioxide
- Small percentage of landfill gas is nonmethane organics; responsible for the odor
- Methane is combustible and potent greenhouse gas
- Based on new source performance standards (NSPS), landfill owners <u>MUST</u> install landfill gas control systems
- As landfill accepts more garbage, this system will need to be expanded

Camelot LF: Location of Phase H



Questions

