According to OSHA many workplaces contain areas that are considered "confined spaces" because while they are not necessarily designed for people, they are large enough for workers to enter and perform certain jobs. A confined space also has limited or restricted means for entry or exit and is not designed for continuous occupancy. Confined spaces include, but are not limited to, tanks, vessels, silos, storage bins, hoppers, vaults, pits, manholes, tunnels, equipment housings, ductwork, pipelines, etc. More information on confined spaces go to https://www.osha.gov/confinedspaces/index.html.

Monitoring Program
LFG gas management includes two areas: environmental monitoring for regulatory compliance and operating methane systems for the collection and management of the LFG. Monitoring of LFG data is required throughout the life and into post closure for landfills. There are two main types of equipment used when monitoring LFG. The first is explosimeters, which are used to detect the presence of explosive gas (methane). They are best suited for methane gas monitoring where explosion hazard is of primary concern. Second is a gas meter which is relatively inexpensive and easy to use and tests for oxygen, carbon dioxide, nitrogen and hydrogen sulfide. In addition to using these types of monitoring equipment you can also use Tedlar bags or SUMMA canisters, flux boxes, and specialized lasers tuned to detect methane.

Drilling Operation
You must make sure your contractor is competent and understands safety issues when performing any work on-site. Drilling within the waste mass is an area of potential danger even if performed correctly (LFG, large open bore holes, cave-ins, etc.).