



**LANDFILL CAP SYSTEM**

- COVER VEGETATION**
- TOP SOIL**
- PROTECTIVE COVER**
- FLEXIBLE MEMBRANE LINER**
- COMPACTED CLAY**
- DAILY OR INTERMEDIATE COVER**

**FUNCTIONS OF A GAS COLLECTION WELL**

1. COLLECTION OF LANDFILL GAS FOR BENEFICIAL USE (ELECTRIC GENERATION)
2. PREVENT GAS MIGRATION AWAY FROM LIMITS OF WASTE
3. REDUCE POTENTIAL ODORS
4. REDUCE LANDFILL EMISSIONS

**TYPICAL LANDFILL GAS COLLECTION WELL**