

A Look at a Landfill

Directions: Match the components of the landfill with their corresponding function below.

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| A. <i>Ground Water</i> | G. <i>Cell</i> |
| B. <i>Compacted Clay</i> | H. <i>Leachate Pond</i> |
| C. <i>Plastic Liner</i> | I. <i>Soil Layer</i> |
| D. <i>Geotextile Mat</i> | J. <i>Grass</i> |
| E. <i>Leachate Collection Pipe</i> | K. <i>Cap</i> |
| F. <i>Methane</i> | |

- ___ Provides a water repellent base
- ___ Collects the contaminated water that runs through the landfills
- ___ Space where trash is stored.
- ___ Seals off the top of the landfill.
- ___ This prevents the trash from coming in contact with soil and groundwater
- ___ This helps the plastic liner from tearing on a nearby rock
- ___ Collection area for dissolved contaminants.
- ___ Gas formed during the decomposition of the trash.
- ___ Prevents litter and odor from developing and compacts trash.
- ___ Provides potable water for drinking.
- ___ Top layer of landfill.