



What is it?

- Full or partial replacement of statutory required intermediate cover soil.
- Spray-Applied Posi-Shell® coating with durability enhancers, applied directly onto waste or over a thin layer of soil, serving as a leveling layer.

Benefits

- Reduces greenhouse gas emissions.
- Improves performance of existing landfill gas extraction systems.
- Saves airspace.
- Lowers operating costs.
- Reduces leachate generation.
- Reduces offsite odor problems.
- Prevents soil erosion.
- Eliminates need for soil removal.



An Innovative Intermediate Cover Option

- **Are you exceeding CA methane or stormwater discharge limits?**
- **Is your existing landfill gas extraction system underperforming?**
- **Is landfill gas creating offsite odor issues?**
- **Are you tired of constantly moving soil?**

If you answered yes to any of these questions, LSC's Posi-Shell® EC Formulation may be the solution you have been searching for.

The Posi-Shell® EC Option

Posi-Shell's® unique EC Formulation uses durability enhancers to achieve long-term coatings that are inexpensive, quick to apply, aesthetically pleasing, and durable enough to satisfy California's long-term cover requirements.

Our innovative intermediate cover solution provides a durable coating that seals the soil (or trash) surface allowing for increased vacuum, decreased leachate generation, stabilization of soil and complete elimination of dust on treated areas.



Posi-Shell Intermediate Cover on thin soil leveling layer



Posi-Shell Intermediate Cover directly on waste

**Can't do the installation yourself?
We can handle it!**





A long-term coating that is quick to apply, aesthetically pleasing, and durable enough to satisfy CA's long-term cover requirements.



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Case Study: Southern CA

Nearly complete elimination of methane surface emissions.

Two large Southern CA government entities along with the South Coast Air Quality Management District approved the use of Posi-Shell® EC-4 as an enhanced intermediate cover product to be placed over 6" of soil.

Technical Advisory Committee Synopsis:

LSC's Posi-Shell® enhanced intermediate cover:

- Improved the site's overall odor issues.
- Provided an improved barrier to ambient air which improved landfill gas extraction (less oxygen... more methane).
- Established an excellent walking surface, allowing for safe and efficient well field monitoring.
- Virtually eliminated airborne dust from treated areas.
- Significantly reduced leachate generation during the rainy season.
- Promoted waste-to-waste contact and allowed for desired and predictable movement of leachate and landfill gas.



Call us today to learn how easily you can implement Posi-Shell®:



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