CapSure™ + EasyFlo™

TOTAL CONTROL. MAXIMUM CAPTURE.

CapSure™ + EasyFlo™ Transitional Gas Collection Cover System

THE FUTURE OF LANDFILL GAS MANAGEMENT WITH CAPSURE™ AND EASYFLO™

Landfill operators face increasing pressure to improve gas collection efficiency, reduce methane emissions, control odors, and maintain compliance — all while controlling costs and preserving operational flexibility.

Traditional deep-well systems remain essential, but they are not designed to capture all landfill gas, especially in shallow waste zones, transitional lifts, and perimeter areas. The result is untapped recovery potential, fugitive emissions, odor complaints, and lost renewable natural gas (RNG) revenue.

A more effective strategy has evolved: integrating an engineered transitional cover system with a complementary shallow gas interception layer.

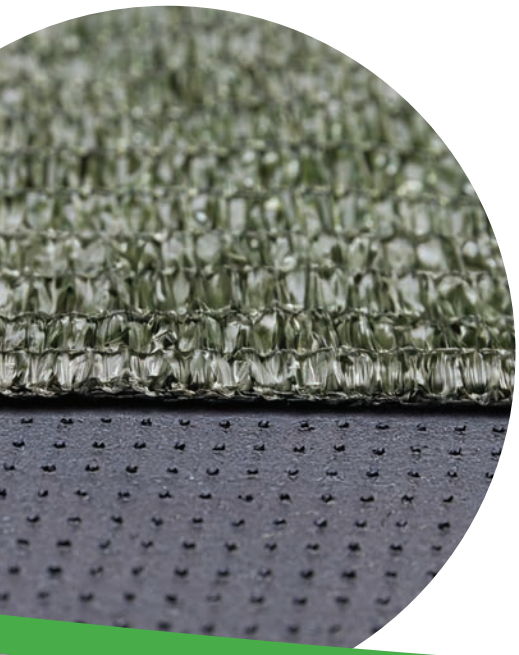
Together, CapSure™ and EasyFlo™ create a complete surface and subsurface solution that captures methane where conventional systems alone fall short.

CAPSURE™: THE COST-EFFECTIVE TRANSITIONAL COVER SOLUTION

Control emissions. Reduce infiltration. Protect operations.

CapSure™ is a two-component transitional landfill cover system engineered to control odors and fugitive methane emissions while minimizing water infiltration and erosion.

The system combines a UV-resistant structured geomembrane with an aerodynamic windbreak air layer to create a durable solution designed to perform for up to 15 years.



CapSure™ advantages include:

- Controls landfill gas emissions and odors
- Significantly reduces water infiltration and leachate generation
- Minimizes erosion and environmental risk
- Preserves valuable landfill airspace
- Provides safe, slip-resistant site access
- Reduces long-term operations and maintenance costs

Unlike traditional soil covers, CapSure provides rapid deployment, long-term durability, and the flexibility to support future waste placement when needed.

EASYFLO™: EXTENDING GAS CAPTURE BEYOND DEEP WELL INFLUENCE

Capture the methane deep wells leave behind.

EasyFlo is a patented shallow gas interception system designed to complement existing landfill gas infrastructure. It is designed for rapid deployment and performs as both a gas collection device and auto isolation valve. The isolation feature is critical to prevent backflow of gas from the existing header during periods of shutdown or malfunction of the primary gas control system to prevent damage to the cover system.

As waste settles and ages, methane migrates toward areas of least resistance — often outside the primary influence of deep wells.

EasyFlo intercepts this residual methane and directs it back into the landfill gas collection network, improving overall recovery while reducing surface emissions and odor risks.

System Benefits:

- Expands recovery footprint with additional collection
- Enhances system tuning capability
- Ensures system integrity with automatic isolation
- Supports compliance strategy
- Minimizes capital intensity

Scan here to see the technology behind EasyFlo®

PROVEN PERFORMANCE IN THE FIELD

Measured results. Measurable improvements.

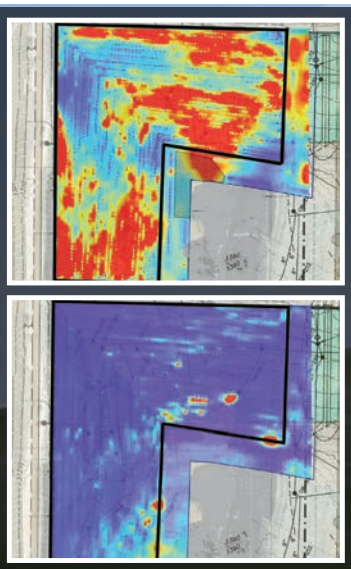
At an active landfill experiencing odor complaints and elevated surface emissions, operators implemented the integrated CapSure™ and EasyFlo™ system to strengthen gas collection performance. The entire system was installed on 6.7 acres in less than a week with minimal disturbance to the additional active cells.

Following deployment, extensive field monitoring was conducted, including:

- Applied vacuum measurements
- Gas flow rate analysis
- Methane concentration monitoring
- Drone-based aerial surface emission surveys

The results demonstrated that EasyFlo captured approximately 61.5% additional landfill gas that had not previously been collected by the deep-well system alone.

Independent aerial gas imaging also confirmed a measurable reduction in surface methane emissions after integration of the EasyFlo system. These findings validate the importance of addressing both surface and shallow subsurface gas migration pathways simultaneously.



Independent aerial gas imaging demonstrates measurable reduction in surface emissions following EasyFlo™ integration with the landfill gas collection system.

OPTIMIZE COMPLIANCE, OPERATIONS, AND RNG REVENUE

A smarter approach to landfill gas management.

Integrating CapSure™ and EasyFlo™ delivers benefits that extend beyond environmental compliance.

Operational advantages include:

- Improved landfill gas capture efficiency
- Reduced odor complaints and fugitive emissions
- Enhanced compliance confidence
- Improved flare and RNG feed consistency
- Lower capital intensity compared to installing additional deep wells
- Greater flexibility for active and transitional landfill areas

As more facilities pursue renewable natural gas (RNG) projects, additional methane recovery directly translates into greater revenue potential and stronger project economics.

By recovering gas that would otherwise escape into the atmosphere, operators can improve environmental performance while maximizing the value of existing infrastructure.

THE INTERMEDIATE SOLUTION YOU HAVE BEEN WAITING FOR

Complete landfill gas management with CapSure™ + EasyFlo™ when you're not ready to close.

CapSure and EasyFlo work together to create a comprehensive, in-between landfill gas management strategy that strengthens environmental protection, improves collection performance, and supports long-term operational success all at an affordable cost.

The complete system provides:

- Reduced emissions and odors
- Enhanced methane recovery
- Improved landfill gas collection efficiency
- Reduced water infiltration and leachate generation
- Long-term operational reliability
- Better economics for RNG development
- Rapid deployment and scalable implementation

CONTACT WATERSHED GEO TO LEARN HOW CAPSURE AND EASYFLO CAN STRENGTHEN YOUR LANDFILL GAS STRATEGY.

CapSure™ EasyFlo™

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