



VisionLink Landfill

MAXIMIZE THE LIFE OF YOUR LANDFILL

VisionLink® Landfill tracks the compaction and fill processes at your site when coupled with landfill compactors installed with Trimble® CCS900 Compaction Control Systems. VisionLink Landfill tracks the compaction efforts of GPS-equipped compactors, and calculates the waste volumes placed and the compaction densities achieved in active cells. Optimize compaction and maximize landfill life with VisionLink Landfill.



Key Features

Developed for the Landfill Manager

An easy-to-use solution for greater efficiency and productivity in the office and on the site.

Manage and optimize landfill performance with:

- ▶ Volume and density calculations
- ▶ Compaction mapping
- ▶ Compaction density
- ▶ Multi-site tracking
- ▶ Landfill life estimates
- ▶ Scale weight entries
- ▶ Comprehensive reporting
- ▶ Configurable dashboard

Volume and Weight

Volume and Weight are required to calculate density, and are also important metrics for good landfill management.

- ▶ Weight values are entered or imported by the user
- ▶ Volumes are calculated from the difference of the current surface and previous day's final surface
- ▶ Both volume and weight are displayed on the graph daily

Volume and Time

The Volume and Time widget offers a snapshot of volume history to project landfill life.

- ▶ Running summary of weekly and monthly volume totals
- ▶ Estimates the airspace remaining for the landfill based on design top of waste and current elevation
- ▶ Estimates landfill life remaining using the volume remaining and average volumes added calculations



Density

The Density chart provides a comprehensive overview of your density data on a timeline.

You can also use it to identify:

- ▶ Upward or downward trends in daily values for weights brought into the landfill or site (cell) within the landfill
- ▶ Daily volume calculations
- ▶ Daily density values
- ▶ Average density over time



The machine control system surveys the exact elevation of each pass and calculates material deflection, how much the elevation changed, after each pass.



Compaction Mapping

- At least three more passes to complete
- At least two more passes to complete
- At least one more pass to complete
- Complete
- Thick lift



VisionLink Landfill can be used with a desktop computer, laptop, smart phone, tablet and the Trimble Site Tablet 10, allowing for on-site and in-office use.

TRIMBLE CIVIL ENGINEERING AND CONSTRUCTION
 10368 Westmoor Drive
 Westminster CO 80021 USA
 800-361-1249 (Toll Free)
 +1-937-245-5154 Phone
 construction_news@trimble.com